FROM: Emaadeldein Abdullaay

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TO: W. Dale Harvey

Supervising Engineer

Central Valley Water Quality Control Board

1685 E Street Fresno, CA 93706

DATE: February 3, 2021

SUBJECT: CALIFORNIA GEOLOGIC ENERGY MANAGEMENT REVIEW OF CHEVRON STEAMFLOOD INFILL INJECTION PROJECT 34000013, PHASE VED 771, KERN RIVER FORMATION, KERN RIVER OIL FIELD, KERN COUNTY, CALIFORNIA

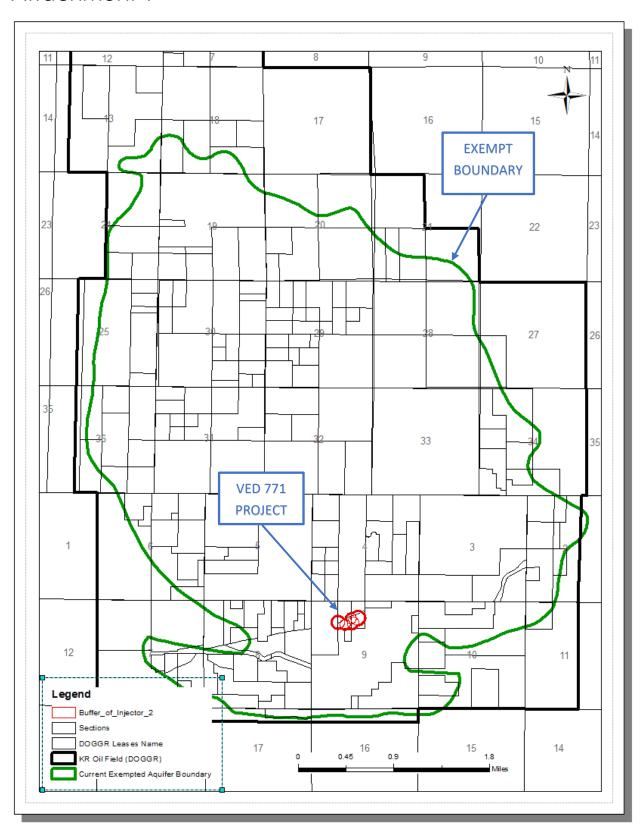
- The Chevron Kern River Field Steam Flood infill project "VED 771" under UIC# 34000013 is a proposal to add five steamflood infill injectors, and two Cyclic Steam producers in the Kern River zone of Kern River Field, Section 9, T29S R28E, MD B&M.
- The proposed injectors are located entirely within the existing primacy exempted boundary of the Kern River Field, see index map. (Attachment 1)
- The proposal includes a Professional Geologist stamped application and containment statement. (Attachment 2, Pages 1-2)
- CalGEM engineers reviewed and agree with the Geology and Reservoir Engineering conclusions in this application.
- Based on data submitted in this application and in the Kern River Aquifer Exemption Application, the Kern River field has a sustained inward pressure gradient created by production operations (more fluid is extracted than injected, creating an inward hydraulic gradient). Interbedded siltstone/shale layers provide vertical containment and are documented in logs and crosssections in the application (Attachment 2, page 27,32,35-36). For a complete discussion of geologic containment and confinement, see the application document (Attachment 2, pages 8-9).

- The AOR for this Steamflood is a ZEI calculation based on the Neumann (1975, 1985) equation. The Neumann equation determines the area that continuously injected steam will cover as it heats the target sand from initial reservoir temperature to steam zone conditions (Attachment 2, page 6-7). The ZEI calculations are summarized in Table FA (2.1.1) (Attachment 2, pages 14-15). The application submitted by Chevron includes data supporting the parameters used in their ZEI calculations (Attachment 2, pages 27-30,34).
- The ZEI calculations for all proposed injectors were checked and are approved by CalGEM.
- Chevron submitted cement calculations, AoR Well Review Geologic Analysis, and wellbore diagrams for all wells in the AOR (Attachments 3 and 4).
- CalGEM identified 84 existing offset wells within the AOR radius. All AOR wells
 were reviewed for mechanical integrity, cement behind casing, and zonal
 Isolation. The results of the CalGEM mechanical integrity review are included as
 Attachment 5.
- Seven wells in the AOR were identified by CalGEM as failing mechanical integrity review (Attachment 6). Chevron proposed re-abandonment or abandonment for three of the seven wells. Monitoring is proposed for the remaining four wells.
- Chevron proposed a Heat Monitoring plan to assure containment for four wells
 that did not pass the mechanical integrity review (Attachment 7). Chevron will
 run temperature logs in offset wells periodically to detect the occurrence of any
 potential out-of-zone steam. CalGEM has reviewed Chevron's proposed Heat
 Monitoring plan. CalGEM agrees with Chevron's analysis and conclusions
 regarding the assurance of steam containment to the approved zone.
- The project approval letter for UIC# 34000013 is included as Attachment 8.

List of Attachments:

- 1. Index Map
- 2. Chevron Application
- 3. Chevron Cement Calculations and AoR Well Review Geologic Analysis
- 4. Chevron Wellbore Diagrams
- 5. CalGEM Mechanical Integrity Review
- 6. Failed Wells List
- 7. Heat Monitoring Plan
- 8. Project Approval Letter

Attachment 1





San Joaquin Valley Business Unit

UIC #34000013 Infill Application

Kern River Field Kern River Reservoir Enhanced Oil Recovery

Infill Project VED 771

Orucharl F. Pone Stanker F. PONER G. STAFF OF CALIFORNIA GEOLOGY STAFF OF CALIFORNIA G

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June 23, 2020

Chevron U.S.A. Inc. 9525 Camino Media Bakersfield, CA 93311

Mr. Chris Jones Supervising Oil and Gas Engineer (Inland District; East Area) California Geologic Energy Management Division 4800 Stockdale Highway, Suite 100 Bakersfield, CA 93309

UIC #34000013 Infill Application VED 771 Kern River Oil Field, Kern County, California

Dear Mr. Jones:

The attached Infill Area of Review (AOR) application VED 771 (dated June 23, 2020) has been prepared for submittal to the California Geologic Energy Management (CalGEM) Division for permission to inject steam for enhanced oil recovery purposes at Kern River Oil Field in Kern County, California. The data, interpretations and calculations presented in this application were prepared by Chevron staff in accordance with the generally accepted professional geologist practice and, to the best of my knowledge and belief, are true, accurate and complete.

Based on the data currently available and the work described in accordance with generally accepted professional geologic practice, it is my professional opinion that the attached technical evaluation demonstrates that the Class II fluids to be injected are expected to be contained within the project area and will not migrate beyond the boundaries of the exempt aquifer or into an underground source of drinking water (USDW).

Best Regards,

Michael F. Ponek, PG # 4926

Chevron U.S.A. Inc. 9525 Camino Media Bakersfield, CA 93311

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June 23, 2020

Chevron U.S.A. Inc. 9525 Camino Media Bakersfield, CA 93311

Mr. Chris Jones Supervising Oil and Gas Engineer (Inland District; East Area) California Geologic Energy Management Division 4800 Stockdale Highway, Suite 100 Bakersfield, CA 93309

Dear Mr. Jones:

Chevron is requesting approval for infill wells within Underground Injection Control Project, #34000013, for enhanced oil recovery utilizing steam injection into the Kern River Reservoir in Kern River Field. Attached is an Engineering and Geologic study in support of this request.

All required information is located within this document and in the attached appendices.

Nadim Hosn

Permitting Supervisor San Joaquin Valley Business Unit

Chevron U.S.A. Inc.

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INTRODUCTION

In concurrence with the Memorandum of Agreement (MOA) Project Data Requirements, this document provides a brief description of how the proposed additional injection wells will impact the existing approved underground injection project (**UIC #34000013**), any data relevant to the addition of the injection wells, and an update to the data if relevant conditions have changed or if more accurate data have become available. The technical evaluation demonstrates the additional injected Class II fluids will not migrate beyond the boundaries of the exempt aquifer or into an underground source of drinking water (USDW).

For the additional injection evaluation and data, Project Highlights and Statement of Purpose are presented first with project overview maps. The Area of Review (AoR) for the infill project is described and illustrated with a map. Calculations and Constants used in determining the AoR are describe in detail including data tables and source documentation. The Geologic Study is updated, including reservoir confinement, and supported with Structural Contour & Isopach maps, Cross Sections, and Type Log. There are no relevant changes to the existing UIC for MOA data sections not included in this application.

PS (1) HIGHLIGHTS AND STATEMENT OF PRIMARY PURPOSE

The primary purpose of the infill wells is to enhance oil recovery by utilizing continuous steam injection into the Kern River Reservoir in the Kern River Field. The Kern River Field is in the north central portion of Kern County (southern San Joaquin Valley), approximately 2 miles northeast of Bakersfield, California, within Township 28 South / Range 27 East (T28S/R27E), T28S/R28E, and T29S/R28E, Mount Diablo Basin and Meridian (M.D. B.&M.). A location map is provided in **Figure PS (1.1)**.

Chevron U.S.A. Inc. would like to add infill project, VED 771, to Underground Injection Control Project number # 34000013. The project consists of 7 infill steam injectors (3 new injectors, 2 PIC, 2 SC new producers. (**Figure PS (1.2)**).

The Project Approval Letter (PAL) for UIC Project #34000013 covers the entire Kern River Field and Kern River Zone and states that the project must not exceed a maximum permitted volume of 1,164,000 barrels of steam per day (BSPD) and a maximum permitted number of wells of 3,153.

The field is currently injecting 145,400 BSPD into 440 steam injectors. The proposed infill wells will add 2,809 BSPD, which is well below the maximum limit specified in the PAL. Furthermore, there is a net withdrawal over the life of the wells and the cumulative volume of fluid produced from the formation will exceed the cold-water equivalent of steam injected.

All the proposed infill wells are within the current exempted aquifer. Geochemical analysis of produced formation water indicates average Total Dissolved Solids (TDS) is ~540 mg/L. This produced water is softened and boiled to create steam which is injected into the same formation for enhanced oil recovery. Geochemical analysis of injected steam indicates TDS is ~ 512 mg/L.

There are no water source wells within the Zone of Endangered Influence (ZEI) of these proposed infill wells. The closest water supply well (well #14) is in Section 10 approximately 4,050 feet away from VED-771 (**Figure MR (2.1)**). The injection depth is at ~860 feet MD (-400 feet TVDSS), compared to water supply well depth of ~ 380-460 feet MD which is above oil zone and isolated by multiple silt barriers.

1. AREA OF REVIEW

FA (2) Area of Review (AoR) for the Predicted Project Life

The AoR for each predicted well life was determined using the Neuman equation for continuous Steamflood injectors (SF) and the Marx and Langenheim equation for cyclic producers (SC) which is explained in detail in section FA (5). For the infill project, a summary table of infill steam injectors and cyclic producers, ZEI parameters, and ZEI radius is shown in **Appendix**, **Table FA (2.1)**. Tornado diagrams for the input parameters are provided in **Appendix**, **Figures (2.2)**. The associated AoR map and list of wells are in **Appendix**, **Figure FA (2.3)** and **Table FA (2.4)**.

FA (5) Calculation and Constants Used in Determining AoR

ZEI Calculation Method for Continuous Steamflood Injectors

In accordance with the 1982 primacy agreement with the Environmental Protection Agency (EPA), CALGEM requires that an AoR be completed prior to permitting a Class II injector under the Underground Injection Control (UIC) program. Regulation 40 CFR §146.6 allows that "computation of the Zone of Endangering Influence (ZEI)" can be used to determine "the permissible radius" of the injector's AoR, "even if it is less than ¼ mile".

The following analytical solution (Equation 1), published by Neuman (1975, 1985), is recommended for determining the ZEI of an injector in a steam flood:

$$A(t) = \frac{1}{43560} \frac{\dot{Q}}{\sqrt{\pi}} \frac{4L_V t^{0.5}}{(L_V + C_W \Delta T) \Delta T \left(2\frac{k_{ho}}{\sqrt{D_0}} + 2\frac{k_{hr}}{\sqrt{D_r}}\right)} \tag{Equation 1}$$

Where:

A = area of steam zone coverage, acres

C_w = heat capacity of water, Btu/lb °F

D_o = diffusivity (thermal) of overburden, ft²/day

 D_r = diffusivity (thermal) of reservoir, ft²/day

kho = thermal conductivity of overburden, Btu/ft °Fday

k_{hr} = thermal conductivity of reservoir, Btu/ft °Fday

 L_v = heat of vaporization of water, Btu/lb

 \dot{O} = net rate of heat input. Btu/day

t = time, days

T = temperature, °F

Equation 1 is used to determine the area that injected steam will cover as it heats the target sand from initial reservoir temperature to steam zone conditions.

Chevron has modified Equation 1, recognizing that the term $(L_v + C_w \Delta T) \cong L_v$, and accounting for reservoir heterogeneity effects, heat sink effects due to water influx, and dip angle. The simplified equation is:

$$A(t) = \frac{\cos \theta}{43560} \frac{(\dot{Q}HE - \dot{Q}_w)}{k_h \Delta T} \sqrt{\frac{Dt}{\pi}}$$
 (Equation 2)

Where:

A = area of steam zone coverage, acres

D = diffusivity (thermal) of overburden/reservoir, ft²/day (0.79 for SJV sandstone reservoirs)

k_h = thermal conductivity of overburden/reservoir, Btu/ft °Fday (27.6 for SJV sandstone reservoirs)

 \dot{Q} = Latent Heat delivered to reservoir, Btu/day

 \dot{Q}_w = Heat lost due to water influx

t = time, days

T = temperature, °F

HE = Heating Efficiency

 θ = reservoir dip angle in radians

The following parameters were used to solve Equation 2 for each injector in this project are. They are derived from anticipated operating conditions, nearby project characteristics, and nearby temperature observation well data.

The assumption of Neuman Time = 10 years is conservative because Chevron typically reduces steam injection after 2-4 years to maintain and not grow the steam chest.

For Horizontal SF:

Same methodology as that used for vertical injectors. Neuman steam injection is assumed to be distributed between two patterns and replaced by 2 vertical injectors to ensure Zone of Endangering Influence (ZEI) covers all the area where steam distribution along lateral section is expected to be formed.

References Cited in Letter

Neuman, C.H., 1975, A mathematical model of the steam drive process- applications. SPE paper 4757, prepared for the 45th Annual California Regional Meeting of the SPE held in Ventura CA from April 2-5,1975.

Neuman, C.H., 1985, A gravity override model of steam drive. Journal of Petroleum Technology, v.37, 163-169.

ZEI Calculation Method for Continuous Cyclic Injection Producers

In application, steam-flooding is done on a continuous basis, but is applied cyclically to manage steam-chest development. Estimating the ZEI from steam in a cyclic producer well, thermal invasion rates and cumulative heated areas are commonly estimated using the method described by Marx and Langenheim (1959). Cyclic steam ZEI* is calculated at time t by:

$$ZEI *= A(t) = \left[\frac{H_oMhD}{4K^2\Delta T}\right] \left[e^{x^2} erfc x + \frac{2x}{\sqrt{\pi}} - 1\right]$$
 (Eqn 3)

where:

For the purposes of this calculation, a single steam cycle with no wellbore heat losses is modeled. Additional steam cycles may be performed after the well has returned to reservoir temperature. The assumption of Average Formation Thickness of 50' (or less) is conservative as wells are typically completed in thicker zones.

References Cited

Marx, J.W., and Langenheim, R.W., 1959, Reservoir Heating by Hot Fluid Injection: SPE 1266-G Petroleum Transactions, AIME.

Supplement Tornado Diagrams illustrating the impact of each ZEI parameter and conservative 10 ZEI used compared to the expected are shown in **Appendix**, **Figure FA (2.2)**. The tornado diagrams above shows the range of values for the parameters in the ZEI calculation.

The labels on each bar define a range of potential values for each parameter. For each parameter, the length of the bar shows that parameter's impact on the calculated ZEI. The green portion of each bar shows the values within the range that would lower the expected ZEI. The blue portions would raise the expected ZEI.

The blue vertical line indicates the expected value of the ZEI. This expected ZEI is calculated using the most likely value for each parameter. The most likely value is the not always in the center of the range of values for the parameter. In particular, it can be seen that the Neuman time is highly skewed by the assumption of a 10-year maximum value*.

The red vertical line indicates the ZEI value used for the AOR. This calculation uses the parameter values shown in the table to the right. For this calculation, the parameter endpoint yielding the highest ZEI value is used in place of the expected value for some of the more influential parameters. This ensures that the ZEI used in the AOR is conservative. The ZEI used is applied around the bottom hole location of the well. The conservative nature of this calculation mitigates any uncertainty due to normal deviation of the wellbore.

*Our ZEI calculation assumes maximum injection rates for ten years, which is very conservative given that steam chest in the pattern usually develops in 2-4 years.

Once a steam chest is formed in the pattern (i.e, Neuman time), the injection rate will be reduced to supply only the maintenance heat required to offset heat losses without an increase on the steam chest areal extent. The goal is to fund steam injection only within the pattern area.

Production rates of oil and water will typically exceed the volume of steam. This helps ensure containment within the project area.

The cost savings from the reduction in steam injection is a critical component of project economics, making it unlikely that any project would continue at full rates for more than ~2 years past the Neuman time, much less the 10 years used in the AOR ZEI calculation.

ZEI input data sources are provided in **Appendix**, Figures FA (5.1-5.5).

2. GEOLOGIC STUDY

GS (1) Geologic Overview Including Reservoir Confinement

Description of Aquifer/Zone Containment

In general, hydraulic containment is provided by sealing faults, pressure boundaries (pressure gradients), geologic structure and tar seals.

- To the west, flow is controlled by the Kern Front Fault, which separates the Kern River Field from the Kern Front Field, and by a sustained inward pressure gradient created by production operations (more fluid is extracted than injected, creating an inward hydraulic gradient).
- To the north, the Poso Creek Fault, an east-west normal fault, acts as a hydraulic barrier.
- Hydraulic control at the northeast extent of the Kern River Field is created by multiple unnamed normal faults that act as barriers to fluid flow along the westward dipping regional hydraulic gradient.
- At the eastern extent of the field, confinement of fluids is enhanced by the high viscosity, heavy oil which acts as a plug and barrier to fluid flow when not heated by steam.
- To the south and southeast, containment for most of the Kern River Field is controlled by tar seals (immobile cold oil) that exist within the Kern River reservoir outside the limits of production; and by the strong inward pressure gradient created by production operations and the natured southwest dip of the reservoir. China Grade fault system exists in this area and provides containment to the south.
- To the southwest, containment is provided by the strong inward hydraulic gradient resulting from production operations.

Vertical containment of injected fluid is controlled in the upward direction by the fine-grained silt and clay layers that persist throughout the Kern River Field. Vertical containment in the downward direction is controlled by an inverted pressure gradient created by production operations in the Kern River reservoir. Multiple thick capping silt layers exist across the area as shown in dip and strike cross sections (Figures GS 1.1, GS 4.2, & GS 4.3).

GS (2) Structural Contour Map

Figure GS (2.1) shows structural contour map of the R reservoir along with proposed locations of the infill wells. The structure is dipping approximately 3-5 degrees to the south west.

In the AoR, the top of the R reservoir occurs at depths ranging from -330 feet True Vertical Depth Sub-Sea (TVDSS) which is approximately 780 feet below ground surface near the eastern extent of the field, to more than -470 feet TVDSS (940 feet below the ground surface) towards the western extent of the AoR.

GS (3) Isopach Map of Each Injection Zone

Net sand isopach map of the R injection zones is shown in **Figure (3.1)**. The R injection zone net sand thickness ranges from 60 feet to 90 feet. Multiple thick capping shale exists across the area.

GS (4) Geologic Cross Section in the AOR

A cross-section map along with dip and strike cross sections for each AoR including all existing and proposed injection wells in the map area are shown in **Figure GS (4.1)** through **Figure GS (4.3)**, respectively. Cross sections also show capping and basal shale.

GS (5) Type Log for Project Area

Figure GS (5.1) shows a detailed stratigraphic field type log representative of all infill areas and illustrates the existing aquifer exemption boundary of the Kern River Reservoir.

Appendix

Figure PS (1.1) Kern River Field Location Map

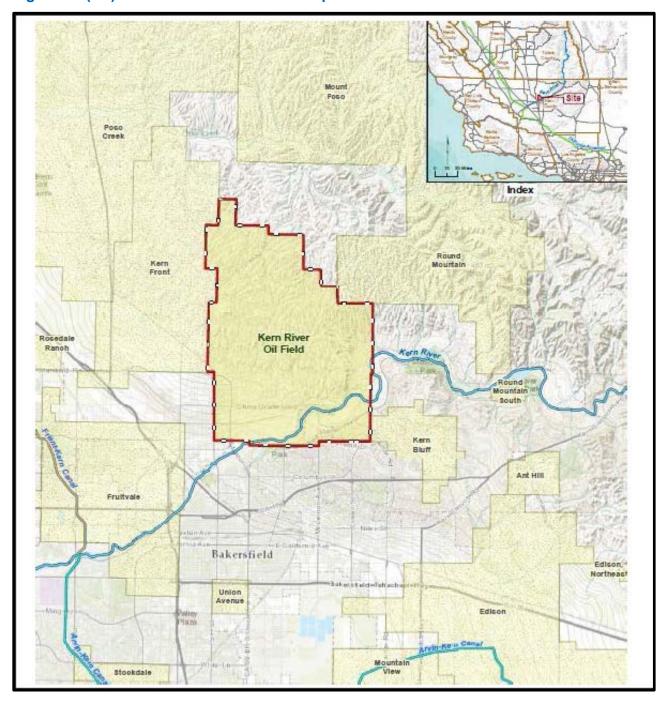


Figure PS (1.2) Project Map & AE Boundary

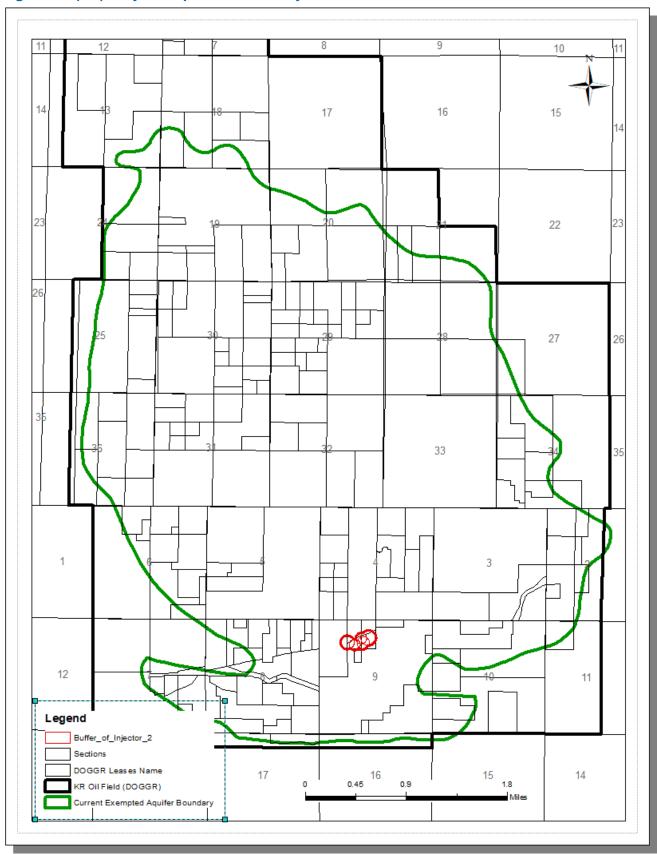


Figure MR (2.1) Kern River Water Supply Well Map

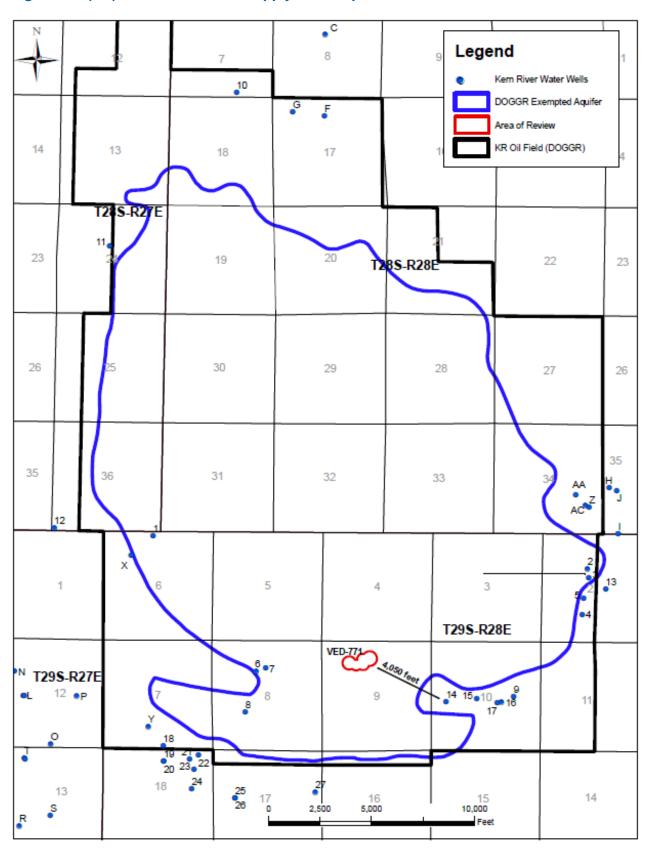


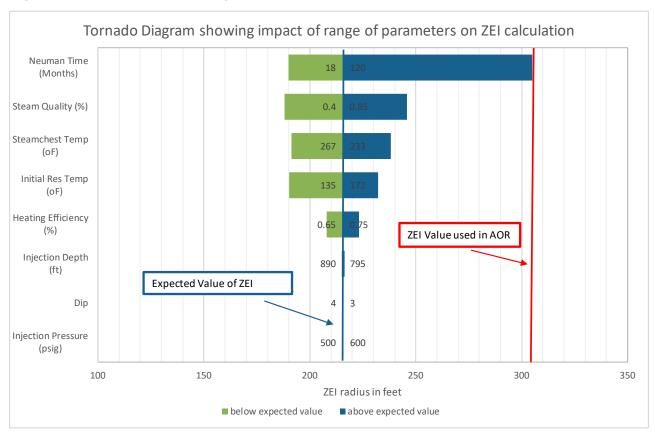
Table FA (2.1.1) Steamflood Injectors (SF)

	ZEI Inje	ction Parameters			
Well Number>	501	502	505	504	506
Type (New or Conversion)	Conversion	Conversion	New	New	New
API ₁₀	0402968208	0402957421	Pending	Pending	Pending
Lease	Crestmont	Crestmont	Crestmont	Aladdin	Aladdin
PLSS	09, 29S, 28E, MD	09, 29S, 28E, MD	09, 29S, 28E, MD	09, 29S, 28E, MD	09, 29S, 28E, MD
Well Type (SF)	SF	SF	SF	SF	SF
Vertical or Horizontal	Vertical	Vertical	Vertical	Vertical	Vertical
BHL NAD 8 ₃ Lat	35.42399000	35.42369900	35.42383733	35.42457400	35.42447300
BHL NAD 83 Long	-118.98111200	-118.97995400	-118.97886112	-118.97781900	-118.97894000
	Maximum Subsurfa	ce Development ZEI Inject	tion		
Cum Steam Inj. Vol in ZEI Zone (Mbbls)	679	580	624	610	314
Steam Inj. Rate in ZEI Zone (bspd)	186	159	171	167	86
Time (years)	10	10	10	10	10
Reservoir Dip Angle (deg)	3.5	3.5	3.5	3.5	3.5
Initial Reservoir Temperature (oF)	170	148	135	177	172
Steamchest Temperature (oF)	263	267	241	233	233
Steam Quality (%)	60%	60%	60%	60%	60%
Surface Injection Pressure (psig)	660	660	660	660	660
Heating Efficiency (%)	70%	70%	70%	55%	70%
Injection Depth TVD (ft)	990	968	935	885	921
Maximum ZEI Injection Zone	R	R	R	R	R
Latent Heat @ reservoir (Mmbtu/day)	39.2	32.7	37-3	37.0	16.6
Water Influx Heat Needs (Mmbtu/day)	0.0	0.0	0.0	0.0	0.0
ZEI (Primary Injection Zone) Radius	321	259	293	356	258
	er Subsurface Developmen	t Injection Targets within	Maximum ZEI		1
Cum Steam Inj. Vol per Zone (Mbbls)					
Average Steam Inj. Rate per Zone (bspd)					
Other Injection Zones					
	ance Subsurface Optimiza	tion Injection Targets wit	hin Maximum ZEI	1	1
Cum Steam Inj. Vol per Zone (Mbbls)	0	0	0		0
Average Steam Inj. Rate per Zone (bspd)					
Maintenance Injection Zones					
Total Cum Steam Inj. Vol in All Zones (Mbbls)	679	580	624	610	314

Table FA (2.1.2) Cyclic Producer (SC)

Well Number>	60	25R
Type (New or Conversion)	Conversion	Conversion
API 10	0403066439	0403066960
Lease	H.H. & F.	Junction
PLSS	09, 29S, 28E, MD	09, 29S, 28E, MD
Well Type (SC)	SC	SC
Vertical or Horizontal	Vertical	Vertical
BHL NAD 83 Lat	35.42492400	35.42314900
BHL NAD 83 Long	-118.97941800	-118.98166800
Maximum Subsurface Developmen	t ZEI Injection	
Cum Steam Inj. Vol in ZEI Zone (Mbbls)	1	1
Steam Inj. Rate in ZEI Zone (bspd)	800.0	800.0
Injection Time per Steam Cycle (days)	1	1
Effective Length of Lateral (for HZ wells), ft	0	0
Average Formation Thickness (ft)	50	50
Initial Reservoir Temperature (oF)	169	169
Steamchest Temperature (oF)	253	253
Reservoir/Steamchest Pressure (psia)	31	31
Steam Quality (%)	60%	60%
Surface Injection Pressure (psig)	550	550
Formation Porosity	31%	31%
Initial Water Saturation	75%	75%
Initial Oil Saturation	25%	25%
Specific Heat: Rock (BTU/lbm-F)	0.22	0.22
Specific Heat: Water (BTU/lbm-F)	1.0	1.0
Specific Heat: Oil (BTU/lbm-F)	0.5	0.5
Rock grain density (lbm/ft ₃)	159.2	159.2
Water density (lbm-ft ₃)	62.4	62.4
Oil API Gravity	12.5	12.5
Overburden Thermal Conductivity (BTU/ft-hr-F)	1.15	1.15
Overburden Thermal Diffusivity (ft2/hr)	0.033	0.033
Maximum ZEI Injection Zone	R	R
Latent Heat @ reservoir (Mmbtu/day)	1089.3	1089.3
ZEI Radius (ft)	19	19

Figures FA (2.2.1) Tornado Diagram for Steamflood ZEI Parameters



Figures FA (2.2.2) Tornado Diagram for Cyclic Producer ZEI Parameters

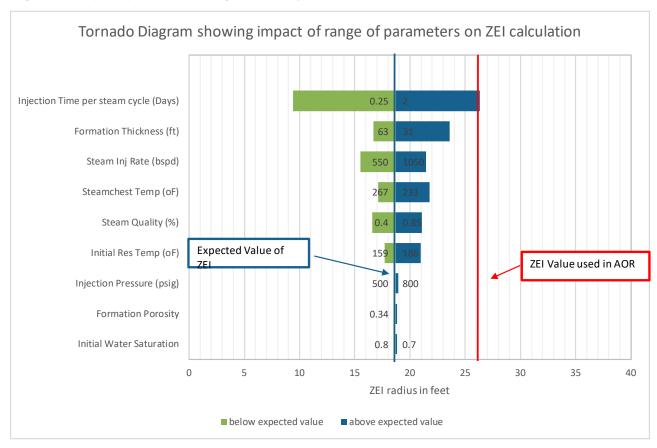


Figure FA (2.3) AOR Map

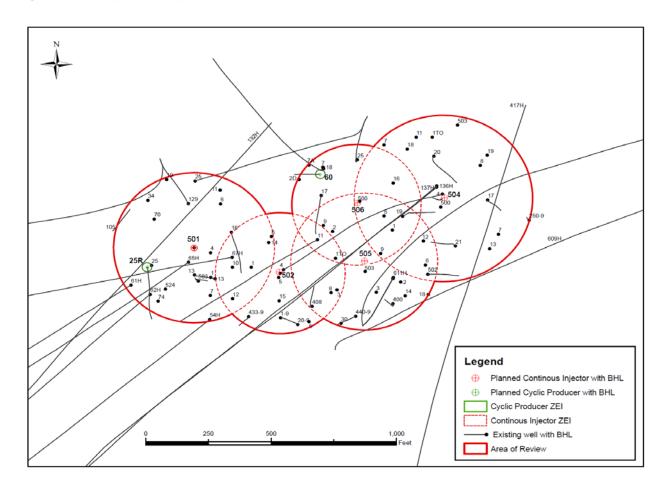


Table FA (2.4) AOR Well List

SF Well Number	API10	Lease	Well Number	PLSS	Well Type	CalGEM Well Status	Operator
60	0402900321	H.H. & F.	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
60	0403066439	H.H. & F.	60	09, 29S, 28E, MD	Cyclic Steam	New	Chevron U.S.A. Inc.
501	0402957327	Crestmont	10	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402924963	H.H. & F.	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402957328	Crestmont	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402957329	Crestmont	12	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402988098	Crestmont	13	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403007926	Crestmont	14	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403024810	Crestmont	16	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403009011	Junction	105	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403047575	Junction	129	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402930487	Junction	34	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0402968208	Crestmont	501	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403060653	May	54H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403057070	May	61H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
501	0403057551	May	62H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.

501	0402956077	Junction	70	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
							0.0.7 t. mo.
501	0402955744	Junction	74	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
501	0402930479	Junction	25	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
501	0403024813	Thomas	25	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
501	0403011194	Crestmont	503	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
501	0402942113	Crestmont	7	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
501	0402914967	Crestmont	1	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
501	0402932875	Crestmont	1	09, 29S, 28E,	Water	Plugged	Chevron
		Water		MD	Source		U.S.A. Inc.
501	0403050748	Junction	132H	09, 29S, 28E,	Cyclic	Idle	Chevron
				MD	Steam		U.S.A. Inc.
501	0402930473	Junction	19	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
501	0402914970	Crestmont	4	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
501	0403010009	Junction	524	09, 29S, 28E,	Injection	Plugged	Chevron
				MD	Well		U.S.A. Inc.
501	0402910977	H.H. & F.	6	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
501	0402914972	Crestmont	6	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
501	0403063144	May	65H	08, 29S, 28E,	Oil & Gas	New	Chevron
				MD			U.S.A. Inc.
501	0403063280	May	67H	08, 29S, 28E,	Cyclic	New	Chevron
				MD	Steam		U.S.A. Inc.
502	0402957327	Crestmont	10	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
502	0402957328	Crestmont	11	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
502	0402957329	Crestmont	12	09, 29S, 28E,	Cyclic	Active	Chevron

502	0403053178	Junction	136H	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
502	0403053177	Junction	137H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403007926	Crestmont	14	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403024810	Crestmont	16	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403024811	Crestmont	17	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403008883	Crestmont	15	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0402930448	Aladdin	4	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403040105	Kern County Land Co. Lease 39	20-9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0403040971	Crestmont	408	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0402957421	Crestmont	502	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0402942114	Crestmont	8	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
502	0402914967	Crestmont	1	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
502	0402932875	Crestmont Water	1	09, 29S, 28E, MD	Water Source	Plugged	Chevron U.S.A. Inc.
502	0403030103	Kern County Land Co. Lease 39	1-9	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
502	0402914969	Crestmont	3	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
502	0403040980	Kern County Land Co. Lease 39	433-9	09, 29S, 28E, MD	Cyclic Steam	Idle	Chevron U.S.A. Inc.
502	0402914971	Crestmont	5	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.

502	402922180	Kern Co. Land Co.	5	09, 29S, 28E, MD	Oil & Gas	Plugged	E & B Natural Resources Management Corporation
502	0402914972	Crestmont	6	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
502	0403063280	May	67H	08, 29S, 28E, MD	Cyclic Steam	New	Chevron U.S.A. Inc.
502	0403001985	Crestmont	T.O. 1	09, 29S, 28E, MD	Observatio n	Idle	Chevron U.S.A. Inc.
504	0402957415	Aladdin	500	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
504	0403066478	Aladdin	504	09, 29S, 28E, MD	Oil & Gas	New	Chevron U.S.A. Inc.
505	0402957328	Crestmont	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402957324	Aladdin	12	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403053178	Junction	136H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403053177	Junction	137H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402956712	Aladdin	14	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403024811	Crestmont	17	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402988099	Aladdin	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403002391	Aladdin	19	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403002390	Aladdin	21	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402930447	Aladdin	3	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402930448	Aladdin	4	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403040971	Crestmont	408	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.

505	0402930449	Aladdin	5	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402968207	Crestmont	500	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402960049	Aladdin	502	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402957422	Aladdin	503	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403040970	Aladdin	400	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403054399	Kern County Land Co. Lease 39	611H	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
505	0403030111	Kern County Land Co. Lease 39	440-9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0403054397	Kern County Land Co. Lease 39	609H	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
505	0402942114	Crestmont	8	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402940419	Aladdin	9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402942123	Crestmont	9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
505	0402930446	Aladdin	1	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
505	0402908043	Aladdin	2	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
505	0402914968	Crestmont	2	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
505	0402914969	Crestmont	3	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
505	0402930450	Aladdin	6	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
505	0403001985	Crestmont	T.O. 1	09, 29S, 28E, MD	Observatio n	Idle	Chevron U.S.A. Inc.

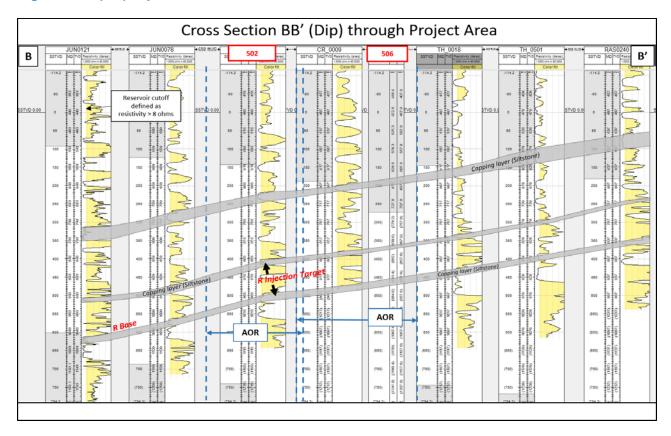
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506	0402957328	Crestmont	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
				IVID	Steam		U.S.A. IIIC.
506	0403053178	Junction	136H	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0403053177	Junction	137H	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402988100	Aladdin	16	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0403024811	Crestmont	17	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402900321	H.H. & F.	18	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0403002391	Aladdin	19	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0403024813	Thomas	25	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402930448	Aladdin	4	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402930449	Aladdin	5	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402968207	Crestmont	500	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402940419	Aladdin	9	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402942123	Crestmont	9	09, 29S, 28E,	Cyclic	Active	Chevron
				MD	Steam		U.S.A. Inc.
506	0402930446	Aladdin	1	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
506	0402914968	Crestmont	2	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
506	0402955750	H.H. & F.	2D	09, 29S, 28E,	Injection	Plugged	Chevron
				MD	Well		U.S.A. Inc.
506	0403066439	H.H. & F.	60	09, 29S, 28E,	Cyclic	New	Chevron
				MD	Steam		U.S.A. Inc.
506	0402924961	H.H. & F.	7	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
				MD			U.S.A. Inc.
500	0402910978	H.H. & F.	7A	09, 29S, 28E,	Oil & Gas	Plugged	Chevron
506	0-02010070	∞		,,,		9900	

506	0403001985	Crestmont	T.O. 1	09, 29S, 28E,	Observatio	Idle	Chevron
				MD	n		U.S.A. Inc.
25R	0402930479	Junction	25	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402930508	Thomas	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402957324	Aladdin	12	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0403002386	Aladdin	20	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402958930	Kern County Land Co. Lease 39	250-9	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0403043854	Kern County Land Co. Lease 39	417H	09, 29S, 28E, MD	Multiple	Active	Chevron U.S.A. Inc.
504	0402957325	Aladdin	13	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0403053178	Junction	136H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0403053177	Junction	137H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402988100	Aladdin	16	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402987429	Aladdin	17	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0402957322	Thomas	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402957323	Thomas	19	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0403002391	Aladdin	19	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0403002390	Aladdin	21	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402930448	Aladdin	4	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402930449	Aladdin	5	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.

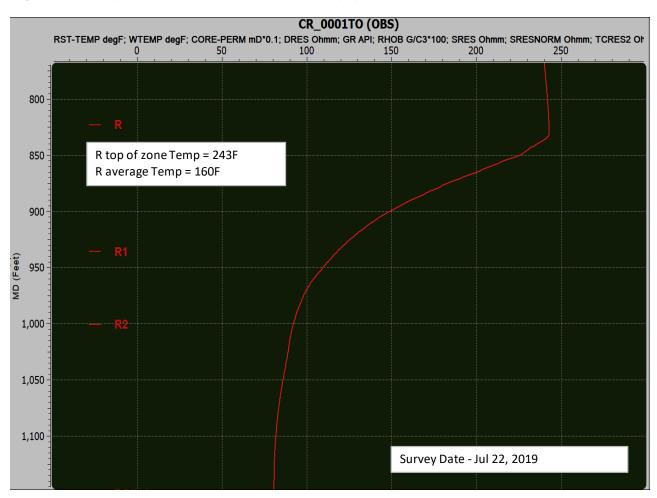
504	0402968207	Crestmont	500	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402960049	Aladdin	502	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402900195	Thomas	503	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0403054399	Kern County Land Co. Lease 39	611H	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0402930451	Aladdin	7	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0402930452	Aladdin	8	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.
504	0402940419	Aladdin	9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.
504	0402930446	Aladdin	1	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
504	0402930450	Aladdin	6	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
504	0402930504	Thomas	7	09, 29S, 28E, MD	Oil & Gas	Plugged	Chevron U.S.A. Inc.
504	0402961173	Thomas	T.O. 1	09, 29S, 28E, MD	Observatio n	Idle	Chevron U.S.A. Inc.

Figures FA (5a-e) ZEI Input Data Sources:

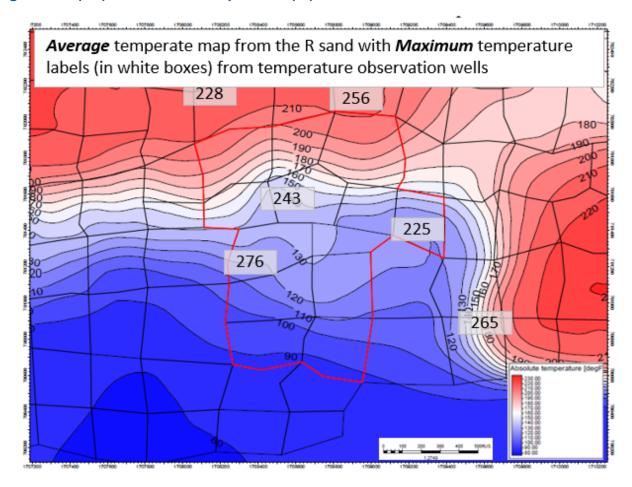
Figures FA (5.1) Dip



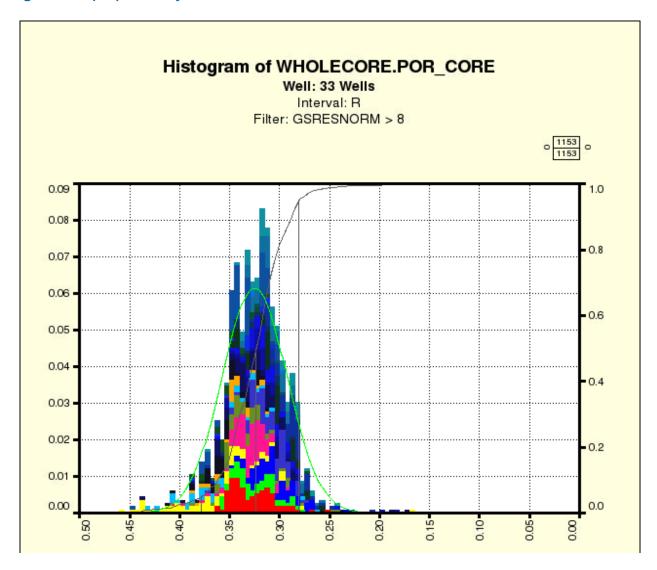
Figures FA (5.2) Initial Reservoir Temperature, (°F)



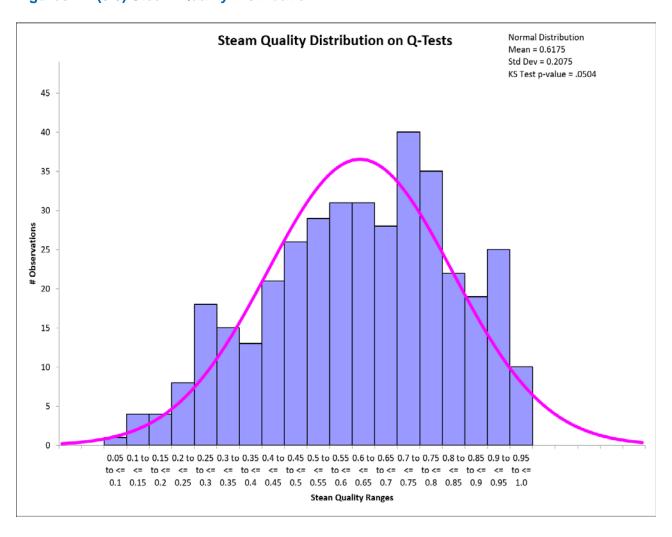
Figures FA (5.3) Steamchest Temperature (°F)



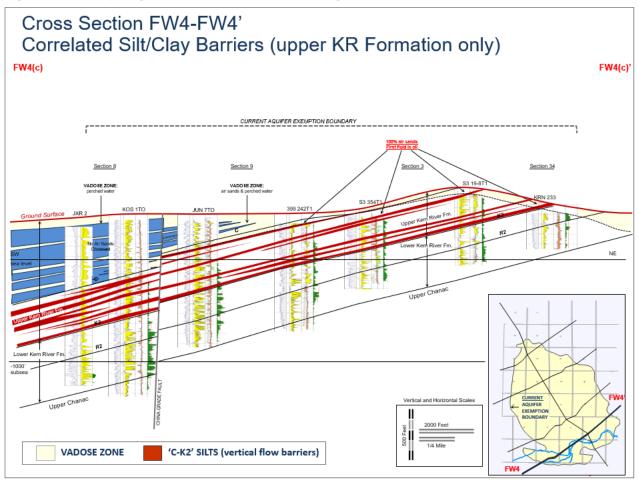
Figures FA (5.4) Porosity



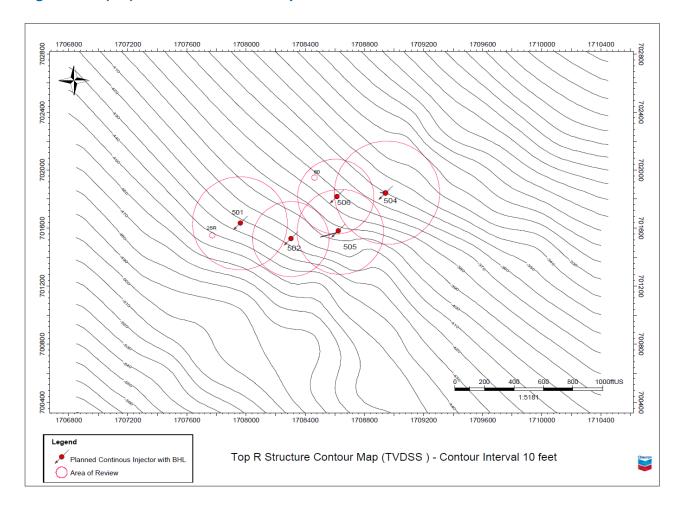
Figures FA (5.5) Steam Quality Distribution



Figures GS (1.1) Regional cross section showing USDWs



Figures GS (2.1) Structure Contour Map



Figures GS (3.1) Isopach Map

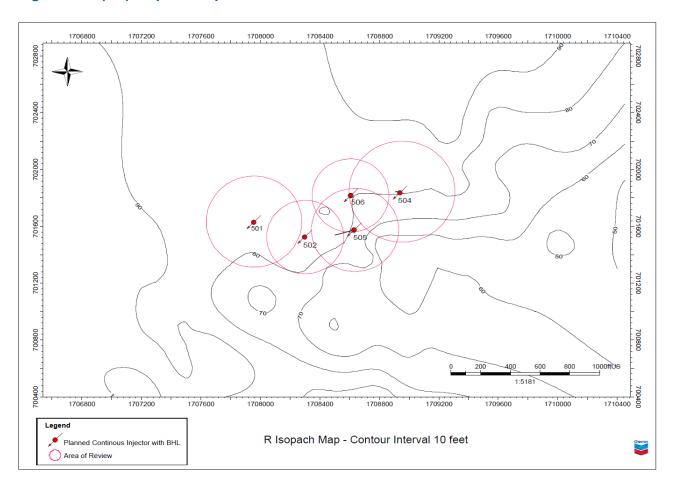
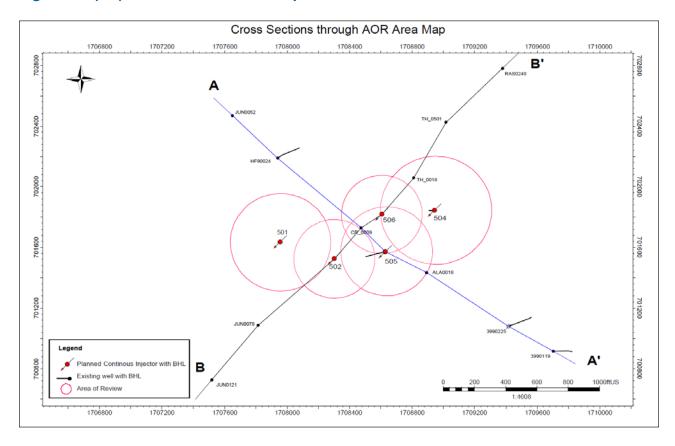


Figure GS (4.1) Cross Section Index Map



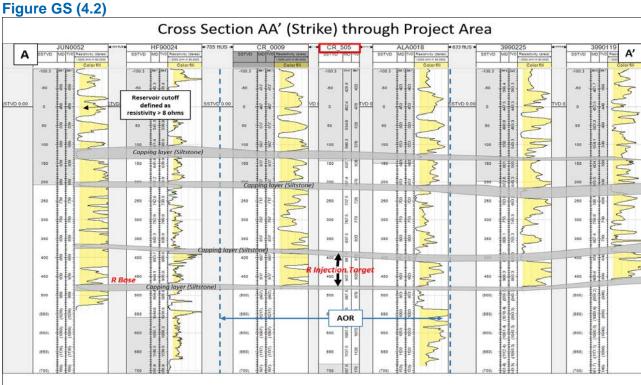


Figure GS (4.3)

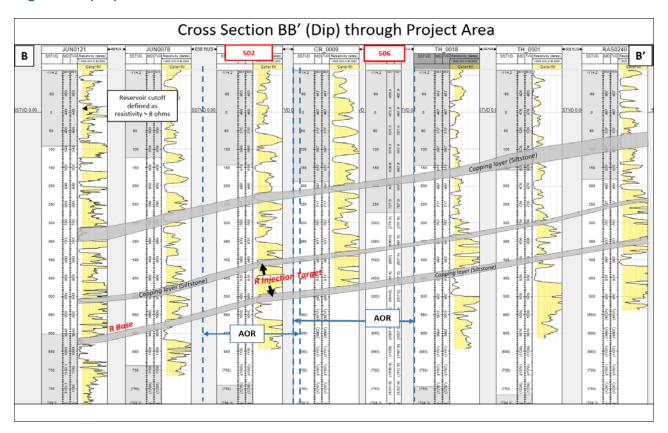
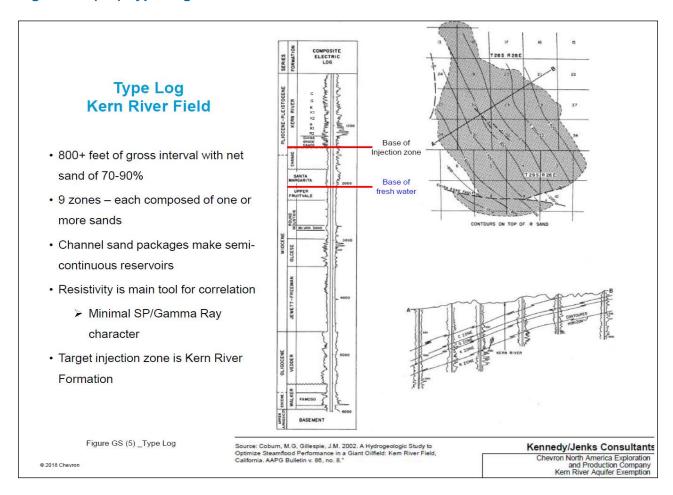


Figure GS (5.1) Type Log



	NP: Not Pene	TD trate the injection zone Drop Down Selection	Or Bottom of Squeeze (ft) Plug Ann V2 V1	ulus Plug B V2 V1	
	Input Tab			Calculation Tab	Evaluation Tab
API No. (10-	Top Ini. Hole Di	ameter Hole Depth (ft) Casing Size OD Casing Weight cmt in shoe, hole & annulus	Casing Shoe Cem plug tagged Volume Volume Casing Hole Capacity CS-	Calibration Calc. Cem. V. Cem. below V. cem. inside Calc. TOC from Teactor Height above Operator's	
digit for Operator Field Name Lease Name Well I sidetracks)	Number Spud Date Well Type Well Status Zone (ft)	th) Hole Depth (ft) (inch) (#) cmt in shoe, hole & annulus	depth/Plug Bottom (ft) depth/Plug Top (ft) Cem. (Cf) pumped returns Cem. (cf) (Cf/ft) Capacity (Cf/ft) (Cf/ft)	city (CS shoe-Hole (CS (Cf) (KB (ft) returns)/theo retical] (ft) (ft) (ft)	Comments/Proposed Mitigation (if applicable)
0402900195 Chevron U.S.A. Inc. Kern River Thomas 5 0402900195 Chevron U.S.A. Inc. Kern River Thomas 5 0402900321 Chevron U.S.A. Inc. Kern River H.H. & F. 1 0402900321 Chevron U.S.A. Inc. Kern River H.H. & F. 1 0402900321 Chevron U.S.A. Inc. Kern River H.H. & F. 1	503 10/26/1966 Cyclic Steam Active 300 9.8 503 10/26/1966 Cyclic Steam Active 300 18 1/5/1961 Cyclic Steam Active 813 12. 18 1/5/1961 Cyclic Steam Active 813 18 1/5/1961 Cyclic Steam Active 813	75 964 6.625 24 cmt in shoe, hole & annulus 9.875 830 6.625 24 Squeeze 25 455 8.625 24 cmt in shoe, hole & annulus 7.875 1060 6.625 28 cmt in casing only 7.875 1060 6.625 28 cmt in casing only	964 954 380 80.00 0.1912 0.5319 0.2 830 666 300 0.1912 0.5319 0.2 430 419 366 0.3576 0.8185 0.4 1060 970 27 0.1829 0.3382 0.0 913 780 29 0.1829 0.3382 0.0	025 0.0 2.9 -325 34% 625 0 Returns Observed 025 0.0 48.0 -196 24% 496 666 .27 20.5 4.5 -396 87% 1209 0 Returns Observed 089 0.0 8.9 912 -86% -99 979 Tagged 089 49.7 13.1 754 -71% 59 880 Tagged	Perforations Good Returns
0402908043 Chevron U.S.A. Inc. Kern River Aladdin 0402910977 Chevron U.S.A. Inc. Kern River H.H. & F. 0402910977 Chevron U.S.A. Inc. Kern River H.H. & F. 0402910978 Chevron U.S.A. Inc. Kern River H.H. & F.	2 8/15/1921 Oil & Gas Plugged & Abandoned 744 13 6 12/21/1915 Oil & Gas Plugged & Abandoned NP 6 12/21/1915 Oil & Gas Plugged & Abandoned NP 7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 12	.5 592 12 40 cmt in shoe, hole & annulus 10 955 8 26 cmt in casing only 10 955 8 26 cmt in casing only 10 477 12 40 cmt in shoe, hole & annulus cmt in shoe, hole & annulus		086 2.0 8.3 362 -61% 382 181 Calculated 063 81.3 140.4 -1580 165% 91 Tagged 063 512.7 7.9 15 -2% 0 Witnessed 064 0.0 5.5 106 -22% 539 0 Calculated	(records indicate casing is 12.25") DOGGR Waived Surface Plug Cemented from 410'
0402910978 Chevron U.S.A. Inc. Kern River H.H. & F. 0402910978 Chevron U.S.A. Inc. Kern River H.H. & F. 0402910978 Chevron U.S.A. Inc. Kern River H.H. & F. 0402910978 Chevron U.S.A. Inc. Kern River H.H. & F.	7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 12 7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 7A 12/20/1924 Oil & Gas Plugged & Abandoned 645	2 641 10 60.3 cmt in shoe, hole & annulus 10 943 8.625 32 cmt in casing only	641 367 10.3 0.4242 0.7854 0.2 932 434 441 0.3422 0.5454 0.1 434 235 80.7 0.3422 0.5454 0.1	100 0.0 65.8 872 -136% -227 367 Calculated 197 6.0 69.6 -357 38% 1002 434 Provided by Field 197 277.6 27.8 198 -21% 447 235 Witnessed 197 506.1 5.6 15 -2% 630 0 Tagged	Cemented from 410' DOGGR Witnessed Surface Plug
0402910978 Chevron U.S.A. Inc. Kern River H.H. & F. 0402914967 Chevron U.S.A. Inc. Kern River Crestmont 0402914967 Chevron U.S.A. Inc. Kern River Crestmont 0402914967 Chevron U.S.A. Inc. Kern River Crestmont	7A 12/20/1924 Oil & Gas Plugged & Abandoned 645 1 9/4/2003 Oil & Gas Plugged & Abandoned 400 10. 1 9/4/2003 Oil & Gas Plugged & Abandoned 400 1 9/4/2003 Oil & Gas Plugged & Abandoned 400	14 415 12 40 Squeeze	980 792 0.3069 0.5730 0.2	336 0.0 1.4 415 -100% 230 410 018 126.1 37.9 1793 -149% -1393 792 018 171.9 139.2 -412 34% 812 210 Tagged 021 1318.0 12.9 10 -1% 390 0 Tagged	Cavity Shot (volume used to cement behind multiple casings) TOC Not Reported DOGGR Approved Surface Plug (records indicate casing is 12.25")
0402914968Chevron U.S.A. Inc.Kern RiverCrestmont0402914968Chevron U.S.A. Inc.Kern RiverCrestmont0402914969Chevron U.S.A. Inc.Kern RiverCrestmont0402914969Chevron U.S.A. Inc.Kern RiverCrestmont	2 11/9/1941 Oil & Gas Plugged & Abandoned NP 2 11/9/1941 Oil & Gas Plugged & Abandoned NP 3 1/3/1917 Oil & Gas Plugged & Abandoned 200 3 1/3/1917 Oil & Gas Plugged & Abandoned 200	8.625 676 9.625 32.3 cmt in casing only 10.625 676 9.625 32.3 cmt in casing only 8.25 800 6.625 28 cmt in casing only 12.5 800 8.25 32 cmt in casing only	673 312 345 0.4419 0.4057 -0.0 14 0 0.4419 0.6157 0.1 626 317 316.25 0.1829 0.3712 0.1 10 0 0.3069 0.8522 0.4	995 1.2 -35.9 -108 16% 312 Witnessed .04 407.6 4.4 14 -2% 0 Tagged .18 64.6 40.7 -1103 138% 1303 316 Tagged .10 673.2 19.2 10 -1% 190 0 Tagged	DOGGR Witnessed Surface Plug Surface Plug
0402914970Chevron U.S.A. Inc.Kern RiverCrestmont0402914970Chevron U.S.A. Inc.Kern RiverCrestmont0402914971Chevron U.S.A. Inc.Kern RiverCrestmont0402914971Chevron U.S.A. Inc.Kern RiverCrestmont	4 5/16/1921 Oil & Gas Plugged & Abandoned 592 12 4 5/16/1921 Oil & Gas Plugged & Abandoned 592 5 6/15/1921 Oil & Gas Plugged & Abandoned 300 12. 5 6/15/1921 Oil & Gas Plugged & Abandoned 300	.5 589 11.625 38 cmt in shoe, hole & annulus 12.5 958 11.625 38 cmt in casing only 25 578 11.625 38 cmt in shoe, hole & annulus 10 922 8.25 32 cmt in casing only	745 618 57.5 0.3069 0.5454 0.1	51 0.0 4.6 -370 63% 962 0 Calculated .51 76.7 4.6 190 -20% 402 0 Tagged .14 0.0 3.3 -187 32% 487 0 Calculated .42 96.5 22.1 558 -60% -258 618 Tagged	Surface Plug
0402914971Chevron U.S.A. Inc.Kern RiverCrestmont0402914971Chevron U.S.A. Inc.Kern RiverCrestmont0402914971Chevron U.S.A. Inc.Kern RiverCrestmont0402914971Chevron U.S.A. Inc.Kern RiverCrestmont	5 6/15/1921 Oil & Gas Plugged & Abandoned 300 5 6/15/1921 Oil & Gas Plugged & Abandoned 300 5 6/15/1921 Oil & Gas Plugged & Abandoned 300 5 6/15/1921 Oil & Gas Plugged & Abandoned 300 6 6/15/1921 Oil & Gas Plugged & Abandoned 300	10 922 8.25 32 cmt in casing only	510 406 57.5 0.3069 0.5454 0.1 406 321 57.5 0.3069 0.5454 0.1 321 217 40.25 0.3069 0.5454 0.1	742 165.8 18.8 431 -47% -131 510 Tagged 742 224.7 18.1 323 -35% -23 406 Tagged 742 281.4 14.8 219 -24% 81 321 Tagged 742 327.8 18.1 190 -21% 110 217 Tagged	DOGGR Approved
0402914971Chevron U.S.A. Inc.Kern RiverCrestmont0402914972Chevron U.S.A. Inc.Kern RiverCrestmont0402914972Chevron U.S.A. Inc.Kern RiverCrestmont0402914972Chevron U.S.A. Inc.Kern RiverCrestmont	5 6/15/1921 Oil & Gas Plugged & Abandoned 300 6 7/18/1921 Oil & Gas Plugged & Abandoned 340 12.6 6 7/18/1921 Oil & Gas Plugged & Abandoned 340 6 7/18/1921 Oil & Gas Plugged & Abandoned 340	10 922 8.25 32 cmt in casing only 525 578 11.625 38 cmt in shoe, hole & annulus 10.25 959 8.25 32 cmt in casing only 13.625 959 11.625 38 cmt in casing only	217 0 195.5 0.3069 0.5454 0.1 578 39 71.3 0.6781 0.8693 0.1 917 866 46 0.3069 0.5730 0.2 406 291 498 0.6781 1.0125 0.2 201 0.6781 0.6781 0.6781 0.6781	742 384.5 7.0 -420 46% 720 0 Tagged 323 0.0 71.3 578 -100% -238 39 Calculated 318 24.1 10.3 767 -80% -427 866 Tagged 754 559.9 31.7 -328 34% 668 291 Tagged	Surface Plug
0402914972 Chevron U.S.A. Inc. Kern River Crestmont 0402914972 Chevron U.S.A. Inc. Kern River Crestmont 0402922180 tural Resources Management Cor Kern River Kern Co. Land Co. 0402922180 tural Resources Management Cor Kern River Kern Co. Land Co. 0402922180 tural Resources Management Cor Kern River Kern Co. Land Co.	6 7/18/1921 Oil & Gas Plugged & Abandoned 340 6 7/18/1921 Oil & Gas Plugged & Abandoned 340 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 14. 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 11.6 5 6/21/1916 Oil & Gas Plugged & Abandoned 535	525 522 9.625 32.3 cmt in shoe, hole & annulus	291 0 239 0.6781 1.0125 0.2 315 310 0.6781 1.0125 0.2 509 299 0.7068 1.1075 0.3 522 93 0.4419 0.7371 0.2 663 586 78 0.3769 0.5053 0.1	754 676.4 11.0 -61 6% 401 0 Tagged 754 0.0 1.4 315 -100% 25 310 7521 0.0 12.9 -379 74% 914 0 Calculated 758 0.0 9.3 161 -31% 374 0 Calculated 759 779 779 779 779 779 779 779 779 779	Surface Plug Perforations (records indicate casing is 12.25") Cemented from 400'
0402922180tural Resources Management CorKern RiverKern Co. Land Co.0402922180tural Resources Management CorKern RiverKern Co. Land Co.	5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535	9.625 807 7.625 20 cmt in casing only 12.25 807 9.625 32.3	586 577 65.5 0.2769 0.5053 0.1 577 570 6 0.2769 0.5053 0.1 570 534 60 0.2769 0.5053 0.1 0.2769 0.5053 0.1 0.2769 0.5053 0.1	382 73.3 14.3 380 -47% 155 586 Tagged 382 111.7 1.7 349 -43% 186 577 Tagged 382 116.2 1.3 555 -69% -20 570 Tagged 382 119.8 6.8 353 -44% 182 534 Tagged 32 23.2 23.2 25.4 414 51% 131 431 Tagged	
0402922180tural Resources Management CorKern RiverKern Co. Land Co.0402922180tural Resources Management CorKern RiverKern Co. Land Co.0402922180tural Resources Management CorKern RiverKern Co. Land Co.0402922180tural Resources Management CorKern RiverKern Co. Land Co.0402924961Chevron U.S.A. Inc.Kern RiverH.H. & F.	5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 5 6/21/1916 Oil & Gas Plugged & Abandoned 535 7 12/21/1916 Oil & Gas Plugged & Abandoned NP 1	12.25 807 9.625 32.3 cmt in casing only 12.25 522 9.625 32.3 cmt in casing only 12.25 522 9.625 32.3 cmt in casing only 14.25 400 9.625 32.3 Squeeze 1 580 9.625 32.3 cmt in shoe, hole & annulus	421 300 61 0.4419 0.8185 0.3 300 0 271 0.4419 0.8185 0.3 400 395 122 0.4419 1.1075 0.6	.32 223.4 35.4 414 -51% 121 421 Tagged .32 82.7 37.9 283 -54% 252 300 Tagged .32 181.7 12.5 -313 60% 848 0 Tagged .23 0.0 3.0 197 -49% 338 395 .47 0.0 69.0 580 -100% 134 Calculated	Surface Plug Perforations (multiple casings)
0402924961 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924961 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924961 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924961 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924961 Chevron U.S.A. Inc. Kern River H.H. & F.	7 12/21/1916 Oil & Gas Plugged & Abandoned NP 7 12/21/1916 Oil & Gas Plugged & Abandoned NP 7 12/21/1916 Oil & Gas Plugged & Abandoned NP 7 12/21/1916 Oil & Gas Plugged & Abandoned NP	9 851 cmt in open hole only 9 660 cmt in open hole only 9 660 cmt in open hole only 9 660 cmt in open hole only cmt in open hole only cmt in open hole only	710 705 585 568 540 520 490 485 4.03 0.4418 0.4418 0.4418 0.4418 0.4418	62.3 0.0 992 -117% 705 Tagged 33.1 0.0 714 -108% 568 Tagged 53.0 0.0 767 -116% 520 Tagged 75.1 0.0 821 -124% 485 Tagged	
0402924961 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924963 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924963 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924963 Chevron U.S.A. Inc. Kern River H.H. & F.	7 12/21/1916 Oil & Gas Plugged & Abandoned NP 11 3/27/1961 Cyclic Steam Active 400 12. 11 3/27/1961 Cyclic Steam Active 400 11 3/27/1961 Cyclic Steam Active 400	9 660 8.25 32 cmt in casing only 25 565 8.625 24 cmt in shoe, hole & annulus 7.875 905 6.625 28 cmt in casing only 7.875 1044 6.625 28 cmt in casing only	485 465 17.25 0.3069 0.4418 0.0 557 546 354 0.3576 0.8185 0.4 903 745 30.68 0.1829 0.3382 0.0 1044 1030 15 0.1829 0.3382 0.0	706 77.3 1.4 429 -65% 465 Tagged .27 6.5 4.5 -274 48% 674 8 Returns Observed .89 0.7 15.6 735 -81% -335 745 Tagged .89 0.0 1.4 962 -92% -562 1030 Tagged	Good Returns
0402930446 Chevron U.S.A. Inc. Kern River Aladdin 0402930446 Chevron U.S.A. Inc. Kern River Aladdin 0402930447 Chevron U.S.A. Inc. Kern River Aladdin 0402930448 Chevron U.S.A. Inc. Kern River Aladdin	1 3/22/1921 Oil & Gas Plugged & Abandoned NP 13.6 1 3/22/1921 Oil & Gas Plugged & Abandoned NP 3 3/27/1961 Cyclic Steam Active 420 12. 4 11/11/1960 Cyclic Steam Active 220 12. 4 11/11/1960 Cyclic Steam Active 230 7.0	525 576 11.625 38 cmt in shoe, hole & annulus 8.625 920 11.625 38 cmt in casing only 25 522 8.625 28 cmt in shoe, hole & annulus 25 477 8.625 32 cmt in shoe, hole & annulus	576 115 0.6781 1.0125 0.2 546 0 517.5 0.6781 0.4057 -0.3 512 502 248 0.3506 0.8185 0.4 459 450 236 0.3422 0.8185 0.4 482 438 153.4 0.2036 0.2036 0.2036 0.2033	754 0.0 11.0 198 -34% 158 Calculated 313 151.7 -13.3 -217 24% 0 Tagged .27 8.2 4.1 -59 11% 479 0 Calculated .27 14.7 3.7 -68 14% 288 0 Calculated	Cemented from 158' Surface Plug Good Returns
0402930448 Chevron U.S.A. Inc. Kern River Aladdin 0402930448 Chevron U.S.A. Inc. Kern River Aladdin 0402930449 Chevron U.S.A. Inc. Kern River Aladdin 0402930450 Chevron U.S.A. Inc. Kern River Aladdin 0402930451 Chevron U.S.A. Inc. Kern River Aladdin	4 11/11/1960 Cyclic Steam Active 220 7.9 4 11/11/1960 Cyclic Steam Active 220 5 4/16/1961 Cyclic Steam Active 398 12. 6 8/25/1961 Oil & Gas Plugged & Abandoned 290 1: 7 2/9/1962 Oil & Gas Active 270 12.	21 477 7 32 cmt in shoe, hole & annulus 12.25 444 8.625 32 Squeeze 25 490.2 9 45 cmt in shoe, hole & annulus 3 511 9 45 cmt in shoe, hole & annulus 25 515 8.625 24 cmt in shoe, hole & annulus	482 428 153.4 0.2026 0.3422 0.0 444 444 70.8 0.3422 0.8185 0.4 487.2 253.7 0.3519 0.8185 0.3 475 430 232 0.3519 0.9218 0.4 460 271.4 0.3576 0.8185 0.4	750 -1.7 4.0 -1533 321% 1753 0 Returns Observed 750 -1.7 4.0 -1533 321% 1753 0 Returns Observed 750 2.5 15.1 -140 29% 538 0 Tagged 750 33.2 21.6 106 -21% 184 33 Calculated 750 2.5 15.1 -140 29% 538 0 Calculated	Perforations (WSO)
0402930452 Chevron U.S.A. Inc. Kern River Aladdin 0402930473 Chevron U.S.A. Inc. Kern River Junction	8 2/6/1962 Oil & Gas Active 302 12. 19 5/15/1920 Oil & Gas Plugged & Abandoned 750 12.6 19 5/15/1920 Oil & Gas Plugged & Abandoned 750 10.6 19 5/15/1920 Oil & Gas Plugged & Abandoned 750	25 505 8.625 24 cmt in shoe, hole & annulus	443 236 0.3576 0.8185 0.4 536 57.5 0.6781 0.8693 0.1	27 50.7 16.5 34 -7% 268 0 Calculated Calcula	DOGGR Witnessed Surface Plug
0402930479 Chevron U.S.A. Inc. Kern River Junction 0402930487 Chevron U.S.A. Inc. Kern River Junction 0402930487 Chevron U.S.A. Inc. Kern River Junction 0402930504 Chevron U.S.A. Inc. Kern River Thomas	25 1/27/1953 Cyclic Steam Active 430 1 34 11/15/1960 Cyclic Steam Active 342 12. 34 11/15/1960 Cyclic Steam Active 342 7.9 7 1/9/1914 Oil & Gas Plugged & Abandoned 400	1 570 8.625 36 cmt in shoe, hole & annulus 25 577 8.625 32 cmt in shoe, hole & annulus 21 871 6.625 26 cmt in shoe, hole & annulus 9.625 899 6.625 17 cmt in casing only	552 286 0.3422 0.8185 0.4 530 365 120 0.1870 0.3422 0.1	642 8.6 10.2 -116 20% 546 0 Returns Observed .27 20.5 16.5 -51 9% 393 0 Calculated .28 116.7 17.0 663 -76% -321 0 Calculated .59 176.3 10.6 -1077 120% 1477 0 Tagged	Had Returns Surface Plug
0402930508Chevron U.S.A. Inc.Kern RiverThomas0402932875Chevron U.S.A. Inc.Kern RiverCrestmont Water0402932875Chevron U.S.A. Inc.Kern RiverCrestmont Water0402940419Chevron U.S.A. Inc.Kern RiverAladdin	11 11/13/1960 Cyclic Steam Active 304 12. 1 9/4/2003 Water Source Plugged & Abandoned NP 1 9/4/2003 Water Source Plugged & Abandoned NP 9 7/15/1967 Cyclic Steam Active 340 9.8	25 480 8.625 32 cmt in shoe, hole & annulus 8 375 6 18 cmt in casing only 8 270 6 18 Squeeze 75 961 6.625 24 cmt in shoe, hole & annulus	277 0 54 0.1605 0.3491 0.1 270 265 0.1605 0.3491 0.1 961 951 377.6 0.1912 0.5319 0.2	127 12.3 16.5 -40 8% 344 0 Calculated 127 34.2 6.1 -60 16% 0 Tagged 127 0.0 0.8 270 -100% 265 125 0.0 2.9 -320 33% 660 0 Calculated	Surface Plug Perforations
0402940419 Chevron U.S.A. Inc. Kern River Aladdin 0402942113 Chevron U.S.A. Inc. Kern River Crestmont 0402942113 Chevron U.S.A. Inc. Kern River Crestmont 0402942113 Chevron U.S.A. Inc. Kern River Crestmont	9 7/15/1967 Cyclic Steam Active 340 7 4/24/1968 Cyclic Steam Active 487 9.8 7 4/24/1968 Cyclic Steam Active 487 7 4/24/1968 Cyclic Steam Active 487 8 4/27/1968 Cyclic Steam Active 437 9.8	9.875 667 6.625 24 Squeeze 75 933 6.625 24 cmt in shoe, hole & annulus 9.875 717 6.625 24 Squeeze 9.875 720 6.625 24 Squeeze	932 923 165 0.00 0.1912 0.5319 0.2 717 717 89 0.1912 0.5319 0.2 720 720 89 0.1912 0.5319 0.2	025 0.0 0.0 564 -85% -224 667 025 0.5 2.6 379 -41% 108 160 Provided by Field 025 0.0 0.0 413 -58% 74 717 025 0.0 0.0 416 -58% 71 720	Perforations (WSO) No Returns Perforations (WSO) Perforations (WSO)
0402942114 Chevron U.S.A. Inc. Kern River Crestmont 0402942114 Chevron U.S.A. Inc. Kern River Crestmont 0402942123 Chevron U.S.A. Inc. Kern River Crestmont 0402942123 Chevron U.S.A. Inc. Kern River Crestmont 0402942123 Chevron U.S.A. Inc. Kern River Crestmont	8 4/27/1968 Cyclic Steam Active 437 9.8 8 4/27/1968 Cyclic Steam Active 437 9 4/29/1968 Cyclic Steam Active 330 9.8 9 4/29/1968 Cyclic Steam Active 330 9 4/29/1968 Cyclic Steam Active 330	75 970 6.625 24 cmt in shoe, hole & annulus 9.875 686 6.625 24 Squeeze 75 955 6.625 24 cmt in shoe, hole & annulus 9.875 918 6.625 24 Squeeze 9.875 676 6.625 24 Squeeze	686 686 178 0.1912 0.5319 0.2 955 945 336.3 0.1912 0.5319 0.2 918 900 34.5 0.1912 0.5319 0.2	025 0.5 2.9 393 -40% 44 389 Calculated 025 0.0 0.0 77 -11% 360 686 025 0.0 2.9 -185 19% 515 0 Returns Observed 025 0.0 5.3 800 -87% -470 900 025 0.0 0.0 578 -85% -248 676	Perforations Had Returns Perforations Perforations Perforations (WSO)
0402942123 Chevron U.S.A. Inc. Kern River Crestmont 0402955744 Chevron U.S.A. Inc. Kern River Junction 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F.	9 4/29/1968 Cyclic Steam Active 330 74 6/26/1977 Cyclic Steam Active 495 9.8 2D 6/25/1977 Injection Plugged & Abandoned 1159 9.8 2D 6/25/1977 Injection Plugged & Abandoned 1159 9.8	9.875 676 6.625 24 Squeeze 9.875 886 6.625 24 Squeeze 75 1233 7 23 cmt in shoe, hole & annulus 75 1160 7 30 cmt in shoe, hole & annulus 75 1160 7 30 cmt in shoe, hole & annulus	886 860 46 0.1912 0.5319 0.2 1232 1222 488 35.00 0.2210 0.5319 0.2 1160 1124 620 0.00 0.2066 0.5319 0.2	0.5 0.6 729 -82% -399 860 0.6 0.5 2.6 -600 49% 1095 0 Returns Observed 0.6 0.0 9.5 -1147 99% 2306 7 Provided by Field 0.6 0.0 10.6 271 -23% 888 7 Calculated	Perforations No Returns Cemented from 380'
0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F.	2D 6/25/1977 Injection Plugged & Abandoned 1159	9.875 870 16 65 cmt in casing only 4.653 1727 7 30 cmt in casing only 9.875 1727 7 30 cmt in casing only 9.875 1727 7 30 cmt in casing only	639 395 52 0.2066 0.5319 0.2	544 37.2 -325.0 642 -74% 517 424 Tagged 492 3.2 -89.1 1172 -68% -13 1103 Calculated 546 331.9 122.8 377 -22% 782 639 Tagged 546 578.7 64.6 387 -22% 772 395 Tagged	DOGGR Approved
0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F. 0402955750 Chevron U.S.A. Inc. Kern River H.H. & F.	2D 6/25/1977 Injection Plugged & Abandoned 1159	9.875 1727 7 30 cmt in casing only 6 1170 5.5 17 Squeeze 6 1100 5.5 17 Squeeze 9.875 380 7 23 Squeeze	1170 1130 164 0.1305 0.1963 0.0 1100 1000 50 0.1305 0.1963 0.0 380 370 0.2210 0.5319 0.2	346 708.4 6.6 374 -22% 785 370 Tagged 314 0.0 1.3 -4059 347% 5218 1130 314 0.0 3.1 -494 45% 1653 1000 346 0.0 2.6 380 -100% 779 370	Perforations Cement Squeeze - Patch (Holes @ 1000-1100') Cavity Shot (volumes used to cement behind casing)
0402956077 Chevron U.S.A. Inc. Kern River Junction 0402956712 Chevron U.S.A. Inc. Kern River Aladdin 0402957322 Chevron U.S.A. Inc. Kern River Thomas 0402957322 Chevron U.S.A. Inc. Kern River Thomas 0402957322 Chevron U.S.A. Inc. Kern River Thomas	70 8/15/1977 Cyclic Steam Active 365 9.8 14 1/7/1978 Cyclic Steam Active 417 9.8 18 9/5/1979 Cyclic Steam Active 316 9.8 18 9/5/1979 Cyclic Steam Active 316 9.8 18 9/5/1979 Cyclic Steam Active 316 9.8	75 1202 7 23 cmt in shoe, hole & annulus 75 1014 7 23 cmt in shoe, hole & annulus 75 1115 7 23 cmt in shoe, hole & annulus 75 1115 7 23 cmt in shoe, hole & annulus 75 1115 7 23 cmt in shoe, hole & annulus 75 1115 7 23 cmt in shoe, hole & annulus	1114 1104 292.62 0.00 0.2210 0.5319 0.2 1114 125 0.00 0.2210 0.5319 0.2	646 0.5 2.6 -583 49% 948 0 Returns Observed 646 0.5 2.6 -490 48% 907 0 Returns Observed 646 0.5 2.6 20 -2% 296 860 CBL 646 0.5 10.6 684 -61% -368 556 CBL 646 0.5 10.6 536 -48% -220 0 Returns Observed	No Returns No Returns (cemented from 855') Had Returns (cemented from 545')
0402957322 Chevron U.S.A. Inc. Kern River Thomas 0402957322 Chevron U.S.A. Inc. Kern River Thomas 0402957322 Chevron U.S.A. Inc. Kern River Thomas 0402957323 Chevron U.S.A. Inc. Kern River Thomas 0402957324 Chevron U.S.A. Inc. Kern River Aladdin	18 9/5/1979 Cyclic Steam Active 316 18 9/5/1979 Cyclic Steam Active 316	75 1115 7 23 cmt in shoe, hole & annulus 9.875 855 7 23 Squeeze 9.875 545 7 23 Squeeze 75 1086 7 23 cmt in shoe, hole & annulus 75 1088 7 23 cmt in shoe, hole & annulus	855 855 125 0.2210 0.5319 0.2 545 545 164 0.2210 0.5319 0.2 1085 1075 412.25 50.00 0.2210 0.5319 0.2	646 0.5 10.6 536 -48% -220 0 Returns Observed 646 0.0 0.0 383 -45% -67 855 646 0.0 0.0 -75 14% 391 545 646 0.5 2.6 -461 42% 815 0 Returns Observed 646 0.5 2.6 -995 91% 1385 0 Returns Observed	Perforations (volumes used to cement behind casing) Perforations (volumes used to cement behind casing) Trace Returns
0402957325 Chevron U.S.A. Inc. Kern River Aladdin 0402957327 Chevron U.S.A. Inc. Kern River Crestmont 0402957328 Chevron U.S.A. Inc. Kern River Crestmont 0402957329 Chevron U.S.A. Inc. Kern River Crestmont	13 7/12/1978 Oil & Gas Active 375 9.8 10 5/2/1978 Cyclic Steam Active 469 9.8 11 5/15/1978 Cyclic Steam Active 333 9.8 12 5/3/1978 Cyclic Steam Active 462 9.8	75	1058 1048 331.42 0.00 0.2210 0.5319 0.2 1139 1129 451 47.00 0.2210 0.5319 0.2 368 368 310.4 0.00 0.2210 0.5319 0.2	646 24.5 2.6 -92 8% 467 0 Calculated 646 0.5 2.6 -553 49% 1022 0 Returns Observed 646 0.0 0.0 -805 219% 1138 0 Calculated 646 0.5 2.6 813 -73% -351 0 Returns Observed	No Returns No Returns
0402957415 Chevron U.S.A. Inc. Kern River Aladdin 5 0402957415 Chevron U.S.A. Inc. Kern River Aladdin 5	12 5/3/1978 Cyclic Steam Active 462 9.8 500 9/8/1979 Oil & Gas Plugged & Abandoned 400 8.7 500 9/8/1979 Oil & Gas Plugged & Abandoned 400 500 9/8/1979 Oil & Gas Plugged & Abandoned 400	75 1119 7 23 cmt in shoe, hole & annulus 75 1088 5.5 17 cmt in shoe, hole & annulus 8.75 1088 5.5 17 cmt in casing only 8.75 1088 5.5 17 cmt in casing only	1007	646 0.5 10.6 1058 -95% -596 0 Returns Observed 626 0.4 2.5 -463 43% 863 0 Calculated 626 63.1 108.4 508 -47% -108 508 Tagged 626 242.2 29.8 393 -36% 7 390 Tagged	Top Job No Returns DOGGR Waived
0402957415 Chevron U.S.A. Inc. Kern River Aladdin 5 0402957415 Chevron U.S.A. Inc. Kern River Aladdin 5 0402957421 Chevron U.S.A. Inc. Kern River Crestmont 5	500 9/8/1979 Oil & Gas Plugged & Abandoned 400 500 9/8/1979 Oil & Gas Plugged & Abandoned 400 500 9/8/1979 Oil & Gas Plugged & Abandoned 400 502 7/6/1978 Cyclic Steam Active 455 8.7	8.75 1088 5.5 17 cmt in casing only 8.75 385 5.5 17 Squeeze 8.75 900 5.5 17 Squeeze 75 1117 5.5 17 cmt in shoe, hole & annulus	385 380 69.7 0.1305 0.4176 0.2 900 900 0.1305 0.4176 0.2 1116 1106 318.94 0.1305 0.4176 0.2	326 291.5 10.1 81 -7% 319 0 Witnessed 326 0.0 1.3 109 -28% 291 380 326 0.0 0.0 900 -100% -500 900 326 0.4 2.5 -135 12% 590 0 Returns Observed	DOGGR Witnessed Surface Plug Perforations Cement Squeeze - Patch (Holes @ 900') Trace Returns
0402957422 Chevron U.S.A. Inc. Kern River Aladdin 5 0402957422 Chevron U.S.A. Inc. Kern River Aladdin 5 0402958930 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 25	502 7/6/1978 Cyclic Steam Active 455 503 5/4/1980 Cyclic Steam Active 431 8.7 503 5/4/1980 Cyclic Steam Active 431 250-9 1/3/1983 Oil & Gas Active 375 14. 250-9 1/3/1983 Oil & Gas Active 375 7.8	8.75 1109 5.5 17 cmt in casing only 75 82 10.75 40.5 cmt in shoe, hole & annulus	1108 1098 668 110.00 0.1305 0.4176 0.2 950 920 11.23 0.1305 0.4176 0.2	326 78.1 3.8 930 -83% -475 915 Tagged 326 0.4 2.5 -1525 138% 1956 0 Returns Observed 326 66.4 7.6 864 -78% -433 920 Tagged 326 2.4 22.3 -55 68% 430 7 Calculated 323 0.0 8.1 -434 41% 809 7 Returns Observed	
0402960049 Chevron U.S.A. Inc. Kern River Aladdin 5 0402961173 Chevron U.S.A. Inc. Kern River Thomas T. 0402968207 Chevron U.S.A. Inc. Kern River Crestmont 5	502 5/5/1980 Cyclic Steam Active 410 8.7 F.O. 1 5/2/1980 Observation Idle NP 8.7 500 3/6/1983 Cyclic Steam Active 430 8.7 501 3/7/1983 Cyclic Steam Active 414 8.7	75 1098 5.5 17 cmt in shoe, hole & annulus 75 1074 5.5 17 cmt in shoe, hole & annulus 75 1080 5.5 17 cmt in shoe, hole & annulus	1097 1087 1184.24 118.00 0.1305 0.4176 0.2 1073 1063 1249.5 20.00 0.1305 0.4176 0.2	733 0.0 8.1 -434 41% 809 7 Returns Observed 626 0.4 2.5 -3580 326% 3990 0 Returns Observed 626 0.4 2.5 -3862 360% 0 Returns Observed 626 0.4 2.5 -880 81% 1310 0 Returns Observed 626 0.4 2.5 -169 15% 583 0 Returns Observed	
0402987429 Chevron U.S.A. Inc. Kern River Aladdin 0402988098 Chevron U.S.A. Inc. Kern River Crestmont 0402988099 Chevron U.S.A. Inc. Kern River Aladdin 0402988100 Chevron U.S.A. Inc. Kern River Aladdin	17 10/23/1990 Oil & Gas Active 375 9.8 13 1/22/1991 Cyclic Steam Active 488 9.8 18 1/24/1991 Cyclic Steam Active 413 9.8 16 4/7/1991 Cyclic Steam Active 405 8.7	75	1126 1115 668 84.00 0.2210 0.5319 0.2 1214 1203 600 90.00 0.2210 0.5319 0.2	646 0.5 2.9 -1385 123% 1760 0 Returns Observed 646 0.5 2.9 -1040 86% 1528 0 Returns Observed 646 0.5 3.2 -987 86% 1400 0 Returns Observed 603 0.4 1.2 -1433 124% 1838 0 Returns Observed	
0403002386 Chevron U.S.A. Inc. Kern River Aladdin 0403002390 Chevron U.S.A. Inc. Kern River Aladdin 0403002390 Chevron U.S.A. Inc. Kern River Aladdin	T.O. 1 12/1/1993 Observation Idle NP 9.8 20 3/21/1994 Cyclic Steam Active 340 9.8 21 3/23/1994 Cyclic Steam Active 360 9.8 21 3/23/1994 Cyclic Steam Active 360	9.875 1134 7 23 cmt in casing only	1128 1110 406.08 0.2210 0.5319 0.2 1132 1121 303.94 34.00 0.2210 0.5319 0.2 945 940 0.2210 0.5319 0.2	646 0.5 11.6 -342 19% 0 Returns Observed 646 0.0 4.8 -389 34% 729 0 Returns Observed 646 1.1 2.9 -2 0% 362 0 Returns Observed 646 100.5 1.3 945 -83% -585 940 Tagged	
0403002391 Chevron U.S.A. Inc. Kern River Aladdin 0403007926 Chevron U.S.A. Inc. Kern River Crestmont	19 3/24/1994 Cyclic Steam Active 357 9.8 14 3/17/1997 Cyclic Steam Active 446 9.8	75	1174 1152 123 11.00 0.2210 0.5319 0.2 1174 158 0.00 0.2210 0.5319 0.2 1174 153 0.00 0.2210 0.5319 0.2 0.00 0.2210 0.5319 0.2	646 0.5 2.9 4 0% 353 0 Returns Observed 646 0.0 5.8 731 -62% -285 0 Returns Observed 646 0.0 10.6 617 -53% -171 123 Tagged 646 0.0 10.6 636 -54% -190 256 Tagged	Top Job No Returns (Top Job) No Returns (Top Job) No Returns
0403008883 Chevron U.S.A. Inc. Kern River Crestmont 0403009011 Chevron U.S.A. Inc. Kern River Junction 1 0403010009 Chevron U.S.A. Inc. Kern River Junction 5	15 8/13/1997 Cyclic Steam Active 399 9.8 105 8/24/1997 Cyclic Steam Active 391 9.8 524 1/2/1998 Injection Plugged & Abandoned NP	75 1185 7 23 cmt in shoe, hole & annulus	1184 1155 458 22.00 0.2210 0.5319 0.2 1259 1225 416 22.00 0.2210 0.5319 0.2 240 0 191 0.3382	646 0.0 10.6 -2172 185% 2618 362 Tagged 646 0.5 7.7 -516 44% 915 0 Returns Observed 646 0.5 9.0 -277 22% 668 0 Returns Observed 648 0.0 1529 -131% 0 Witnessed 733 0.3 7.3 -1920 164% 2336 0 Returns Observed	DOGGR Witnessed Surface Plug
	503 4/21/1998 Cyclic Steam Active 416 16 5/29/2004 Cyclic Steam Active 484 9.8 17 5/31/2004 Cyclic Steam Active 482 9.8 25 6/1/2004 Cyclic Steam Active 312 9.8	7.875 1171 5.5 17 cmt in casing only 75 1258 7 23 cmt in shoe, hole & annulus 75 1216 7 23 cmt in shoe, hole & annulus 75 1214 7 23 cmt in shoe, hole & annulus	831 826 0.1305 0.3382 0.1 1255 1212 448 84.00 0.2210 0.5319 0.2 1213 1168 417 84.00 0.2210 0.5319 0.2	733 115.0 0.9 831 -71% -415 826 Tagged 646 1.6 11.4 -389 31% 873 0 Returns Observed 646 1.6 11.9 -312 26% 794 0 Returns Observed 646 0.0 12.2 -365 30% 677 0 Returns Observed	
0403030103Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 390403030103Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 390403030103Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 39	1-9 5/5/2006 Oil & Gas Plugged & Abandoned 399 12. 1-9 5/5/2006 Oil & Gas Plugged & Abandoned 399 1-9 5/5/2006 Oil & Gas Plugged & Abandoned 399 1-9 5/5/2006 Oil & Gas Plugged & Abandoned 399 1-9 5/5/2006 Oil & Gas Plugged & Abandoned 399	9.875 920 6.625 24 cmt in casing only 12.25 920 8.625 24 cmt in casing only 5.921 920 8.625 24 cmt in casing only	920 438 160 0.1912 0.5319 0.2 304 10 115 0.3576 0.8185 0.4 438 304 64 0.3576 0.1912 -0.2	.27 0.0 14.4 -468 96% 867 10 Returns Observed .25 0.0 141.0 83 -9% 316 438 Tagged .27 504.2 121.3 -18 2% 417 10 Witnessed 145 92.2 -28.7 259 -28% 140 304 Tagged	DOGGR Witnessed Surface Plug DOGGR Waived
0403040105Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 3920403040105Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 392	20-9 3/31/2010 Cyclic Steam Active 468	75 1005 7 23 cmt in shoe, hole & annulus 9.875 1005 7 23 cmt in casing only	490 452 400 0.3576 0.8185 0.4 1005 947 500 168.00 0.2210 0.5319 0.2 895 892 1.15 0.2210 0.5319 0.2	646 0.0 15.3 -827 82% 1295 10 Returns Observed 646 58.5 0.8 890 -89% -422 892 Tagged	Perforations Had Returns
0403040971 Chevron U.S.A. Inc. Kern River Crestmont 4 0403040980 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 43 0403043854 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 43	400 8/18/2010 Cyclic Steam Active 440 8.7 408 8/20/2010 Cyclic Steam Active 464 8.7 433-9 8/21/2010 Cyclic Steam Idle 402 8.7 417H 5/8/2012 Multi-Purpose Active 1024 1 129 7/23/2012 Cyclic Steam Active 1077 8.7	75 1340 7 23 cmt in shoe, hole & annulus 75 1352 7 23 cmt in shoe, hole & annulus 1 1119 7 23 cmt in shoe, hole & annulus	1330 1286 432 112.00 0.2210 0.4176 0.1	603 4.6 6.5 -1514 117% 1954 0 Returns Observed 603 4.2 6.6 -1472 110% 1936 0 Returns Observed 603 3.8 6.5 -1463 108% 1865 12 Returns Observed 627 58.7 17.7 -838 75% 1862 13.7 Returns Observed 603 4.6 6.3 -1390 98% 2467 0 Returns Observed	
0403047575 Chevron U.S.A. Inc. Kern River Junction 1 0403047575 Chevron U.S.A. Inc. Kern River Junction 1 0403047575 Chevron U.S.A. Inc. Kern River Junction 1	129 7/23/2012 Cyclic Steam Active 1077	8.75 1422 7 23 cmt in casing only 8.75 1422 7 23 cmt in casing only 6.125 454 7 23 cmt in casing only 6.125 454 7 23 cmt in casing only 6.125 454 7 23 cmt in casing only	1369 308 248.5 0.2210 0.4176 0.1 308 264 12.9 0.2210 0.4176 0.1 454 442 34 0.2210 0.2046 -0.0	303 22.1 159.5 245 -17% 832 308 Tagged 303 465.2 6.6 250 -18% 827 264 Tagged 306 0.0 -0.8 300 -66% 777 442 Tagged 306 2.5 -6.4 288 -63% 789 340 Tagged	
0403050748 Chevron U.S.A. Inc. Kern River Junction 13 0403053177 Chevron U.S.A. Inc. Kern River Junction 13 0403053178 Chevron U.S.A. Inc. Kern River Junction 13	129 7/23/2012 Cyclic Steam Active 1077 132H 5/28/2013 Cyclic Steam Idle 1080 1 137H 6/14/2014 Cyclic Steam Active 1290.7 9.8 136H 6/18/2014 Cyclic Steam Active 1247 1	1 1356 7 23 cmt in shoe, hole & annulus	1090 1044 702 337.00 0.2210 0.6600 0.3 1301 1256 511 236.00 0.2210 0.5319 0.2 1256 1210 929 281.00 0.2210 0.6600 0.3	526 23.3 -3.3 277 -61% 800 287 Tagged 627 66.0 18.1 -484 41% 1564 14 Returns Observed 646 76.1 11.9 -298 21% 1588 14 Returns Observed 627 66.0 18.1 -896 66% 2143 14 Returns Observed	
0403054399 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 63 0403054399 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 63 0403054399 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 63	···	75 1843 7 23 cmt in shoe, hole & annulus 75 1700 7 23 cmt in shoe, hole & annulus 9.875 784 cmt in open hole only 9.875 784 cmt in open hole only 9.875 778 cmt in open hole only	1583 1538 609.9 270.00 0.2210 0.5319 0.2 784 685 255 0.5319 0.5319 685 516 223 0.5319	346 99.5 11.9 -349 19% 1998 14 Returns Observed 346 62.2 11.9 -442 26% 2014 14 Returns Observed 0.0 0.0 305 -39% 1268 685 Tagged 52.7 0.0 464 -59% 1109 516 Tagged 0.0 0.0 357 -46% 1216 718 Tagged	
0403054399Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 39630403054399Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 39630403054399Chevron U.S.A. Inc.Kern RiverKern County Land Co. Lease 3963	6511H 6/4/2014 Oil & Gas Active 1572.5	9.875 778 cmt in open hole only	718 438 151 0.5319 778 741 235 0.5319 741 596 178 0.5319 596 250 210 0.5319	0.0 0.0 357 -46% 1216 718 Tagged 31.9 0.0 554 -71% 1018 438 Tagged 0.0 0.0 336 -43% 1236 741 Tagged 19.7 0.0 480 -62% 1092 596 Tagged 96.8 0.0 565 -73% 1007 250 Tagged	
0403054399 Chevron U.S.A. Inc. Kern River Kern County Land Co. Lease 39 6 0403057070 Chevron U.S.A. Inc. Kern River May 6 0403057551 Chevron U.S.A. Inc. Kern River May 6 0403057551 Chevron U.S.A. Inc. Kern River May 6	611H 6/4/2014 Oil & Gas Active 1572.5 61H 3/13/2015 Cyclic Steam Active 1383 9.8 62H 4/18/2015 Cyclic Steam Active 1735 9.8 62H 4/18/2015 Cyclic Steam Active 1735 9.8	9.875 778 cmt in open hole only 75 1546 7 23 cmt in shoe, hole & annulus 75 1845 7 23 cmt in shoe, hole & annulus 75 1845 7 23 cmt in shoe, hole & annulus 75 1845 7 23 cmt in shoe, hole & annulus	250 200 26.4 1406 1358 522 1745 1699 1292 1745 91 0.5319 0.2210 0.5319 0.2210 0.5319 0.2 0.2210 0.5319 0.2 0.2210 0.5319 0.2	280.8 0.0 1256 -161% 316 200 Tagged 646 74.5 12.7 -237 15% 1620 14 Returns Observed 646 53.2 12.2 -2891 157% 4626 160 Provided by Field 646 53.2 10.6 1642 -89% 93 14 Returns Observed	No Returns Top Job
0403060653 Chevron U.S.A. Inc. Kern River May 5 0403063144 Chevron U.S.A. Inc. Kern River May 6 0403063280 Chevron U.S.A. Inc. Kern River May 6 0402924963 Chevron U.S.A. Inc. Kern River H.H. & F.	54H 6/3/2016 Cyclic Steam Active 1663 9.8 65H 2/8/2018 Oil & Gas Permitted 1637 9.8 67H 2/3/2018 Cyclic Steam Permitted 1526 9.8 11 3/27/1961 Cyclic Steam Active 400	75 1777 7 23 cmt in shoe, hole & annulus 75 1687 7 23 cmt in shoe, hole & annulus 75 1577 7 23 cmt in shoe, hole & annulus 12.25 565 8.625 24 cmt in shoe, hole & annulus	1678 1636 652 140.00 0.2210 0.5319 0.2 1646.9 1600 730 209.00 0.2210 0.5319 0.2 1536.9 1489 730 258.00 0.2210 0.5319 0.2 557 546 354 0.3576 0.8185 0.4	646 52.7 11.1 -545 31% 2208 14 Returns Observed 646 21.3 12.4 -984 58% 2621 14 Returns Observed 646 21.3 12.7 -1093 69% 2619 14 Returns Observed .27 6.5 4.5 -274 48% 674 8 Returns Observed	Good Returns
0402924963 Chevron U.S.A. Inc. Kern River H.H. & F. 0402924963 Chevron U.S.A. Inc. Kern River H.H. & F. 0402930473 Chevron U.S.A. Inc. Kern River Junction 0402930473 Chevron U.S.A. Inc. Kern River Junction 0402930473 Chevron U.S.A. Inc. Kern River Junction	11 3/27/1961 Cyclic Steam Active 400 11 3/27/1961 Cyclic Steam Active 400 19 5/15/1920 Oil & Gas Plugged & Abandoned 750 19 5/15/1920 Oil & Gas Plugged & Abandoned 750 19 5/15/1920 Oil & Gas Plugged & Abandoned 750	7 7/8 905 6.625 28 cmt in casing only 7 7/8 1044 6.625 28 cmt in casing only 12.625 536 11.625 38 cmt in shoe, hole & annulus 10.625 712 9.625 29.3 cmt in shoe, hole & annulus 9.25 980 8.25 32 cmt in casing only	1044 1030 15 0.1829 0.3382 0.0 536 57.5 0.6781 0.8693 0.1 710 69 0.4480 0.6157 0.1	089 0.7 15.6 735 -81% -335 745 Tagged 089 0.0 1.4 962 -92% -562 1030 Tagged 323 0.0 5.3 141 -26% 609 101 Calculated 0.04 1.2 4.4 136 -19% 614 85 Calculated 054 81.7 76.7 -508 52% 1258 1 Witnessed	DOGGR Witnessed Surface Plug
0402930487Chevron U.S.A. Inc.Kern RiverJunction0402930487Chevron U.S.A. Inc.Kern RiverJunction0402955744Chevron U.S.A. Inc.Kern RiverJunction0402988099Chevron U.S.A. Inc.Kern RiverAladdin	34 11/15/1960 Cyclic Steam Active 342 34 11/15/1960 Cyclic Steam Active 342 74 6/26/1977 Cyclic Steam Active 495 18 1/24/1991 Cyclic Steam Active 413	12.25 577 8.625 32 cmt in shoe, hole & annulus 7.921 871 6.625 26 cmt in shoe, hole & annulus 9.875 1233 7 23 cmt in shoe, hole & annulus 9.875 1150 7 23 cmt in shoe, hole & annulus	552 286 0.3422 0.8185 0.4 530 365 120 0.1870 0.3422 0.1 1232 1222 488 35 0.2210 0.5319 0.2 1149 1137 569 56 0.2210 0.5319 0.2	.27 20.5 16.5 -51 9% 393 0 Calculated .28 116.7 17.0 663 -76% -321 0 Calculated .46 0.5 2.6 -600 49% 1095 0 Returns Observed .46 0.5 3.2 -987 86% 1400 0 Returns Observed	
0403009011 Chevron U.S.A. Inc. Kern River Junction 1 0403057070 Chevron U.S.A. Inc. Kern River May 6 0403057551 Chevron U.S.A. Inc. Kern River May 6 0403057551 Chevron U.S.A. Inc. Kern River May 6	105 8/24/1997 Cyclic Steam Active 391 61H 3/13/2015 Cyclic Steam Active 1383 62H 4/18/2015 Cyclic Steam Active 1735 62H 4/18/2015 Cyclic Steam Active 1735	9.875 1260 7 23 cmt in shoe, hole & annulus 9.875 1546 7 23 cmt in shoe, hole & annulus 9.875 1845 7 23 cmt in shoe, hole & annulus 9.875 1845 7 23 cmt in shoe, hole & annulus 9.875 1845 7 23 cmt in shoe, hole & annulus	1259 1225 416 22 0.2210 0.5319 0.2 1406 1358 522 197 0.2210 0.5319 0.2 1745 1699 1292 0.2210 0.5319 0.2 1745 91 0.2210 0.5319 0.2	646 0.5 9.0 -277 22% 668 0 Returns Observed 646 74.5 12.7 -237 15% 1620 14 Returns Observed 646 53.2 12.2 -2891 157% 4626 160 Provided by Field 646 53.2 10.6 1642 -89% 93 14 Returns Observed	No Returns Top Job
	54H 6/3/2016 Cyclic Steam Active 1663	9.875 1777 7 23 cmt in shoe, hole & annulus		546 52.7 11.1 -545 31% 2208 14 Returns Observed	

cmt in shoe, hole & annulus

cmt in open hole only cmt in casing only

Squeeze

Returns Observed

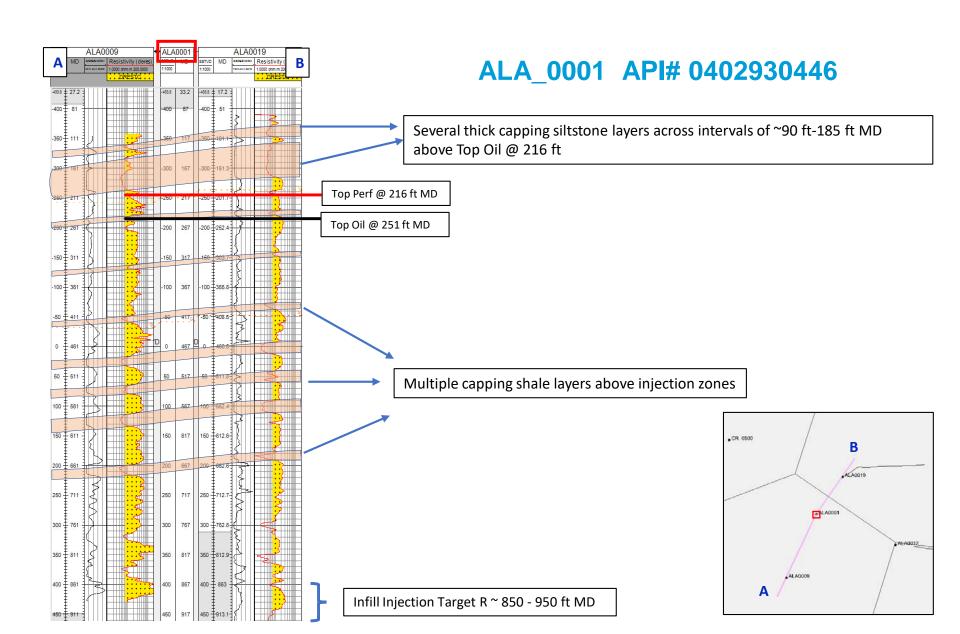
OG
SF
SC
WF
WD
GD



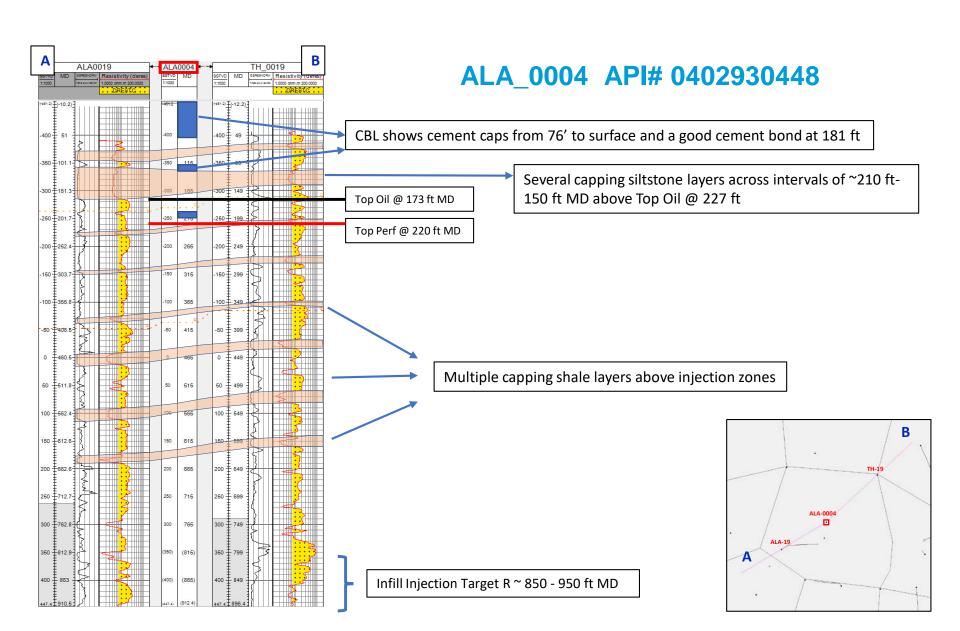
UIC #34000013 Infill Application VED 771 AoR Well Review Geologic Analysis

Kern River Field

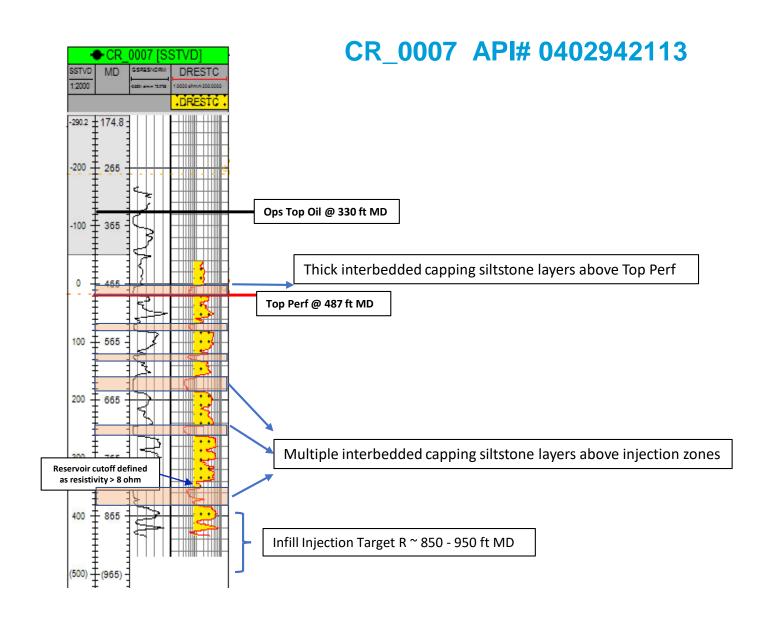
API10	Well Number	Well Type	CalGEM Well Status	Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402930446	1	Oil & Gas	Plugged & Abandoned	no open perfs	216	251	No Record of Well Abandonment.	Needs Further Review.	I think we should check the well file hard copy. Pending the finding of the well abandonment record	Further Review	CVX - No abandonment record found. Geologic isolation . Several thick capping silistone layers across intervals of ~90 ft-185 ft MD above Top Oil @ 216 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis.



API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402930448	4	Cyclic Steam	Active	220	181	227	Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234" to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181", with cement caps 152" to 166', and 76" to surface. Needs Further Review. Check Cap and Shale.		Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	Further Review	CVX - Geologic isolation. Sidetrack is below top oil 173°. CBL shows cement caps from 76° to surface and a good cement bond at 181 fl. Several capping distored layers across intervals of ~210 fl-150 ft MD above Top Oil © 227 ft. Multiple capping shale layers above injection zones. See capping shale/sit analysis.

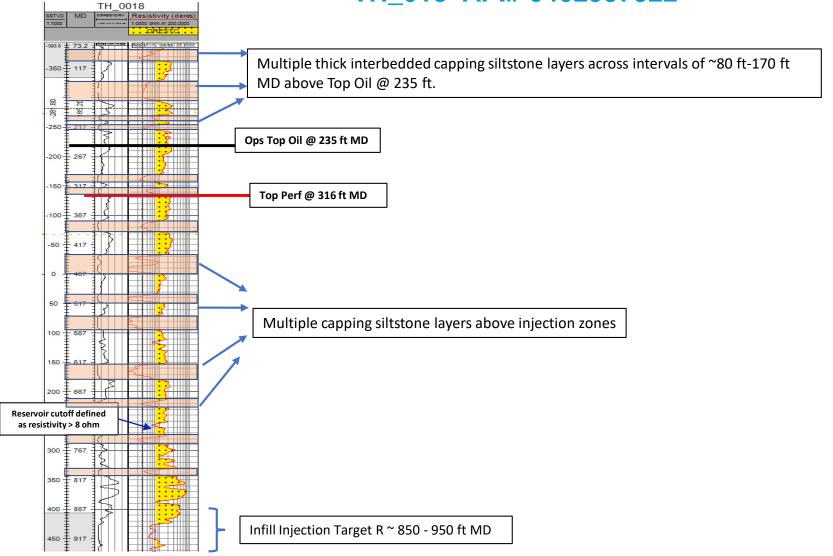


API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402942113	7	Cyclic Steam	Active	487	276	330	Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing to 160'. 4/17/2002 CBL shows cement cap from 100' to surface. Recommend Remediation, No cement 100'+ above top oil.	Remediate or Abandon	Pending Remediate or Abandon	Remediate or Abandon	CVX-Upon further geologic review, geologic isolation. Thick interbedded capping silistone layers above Top Perf. Multiple interbedded capping silistone layers above injection zones. See capping shale/silt analysis.

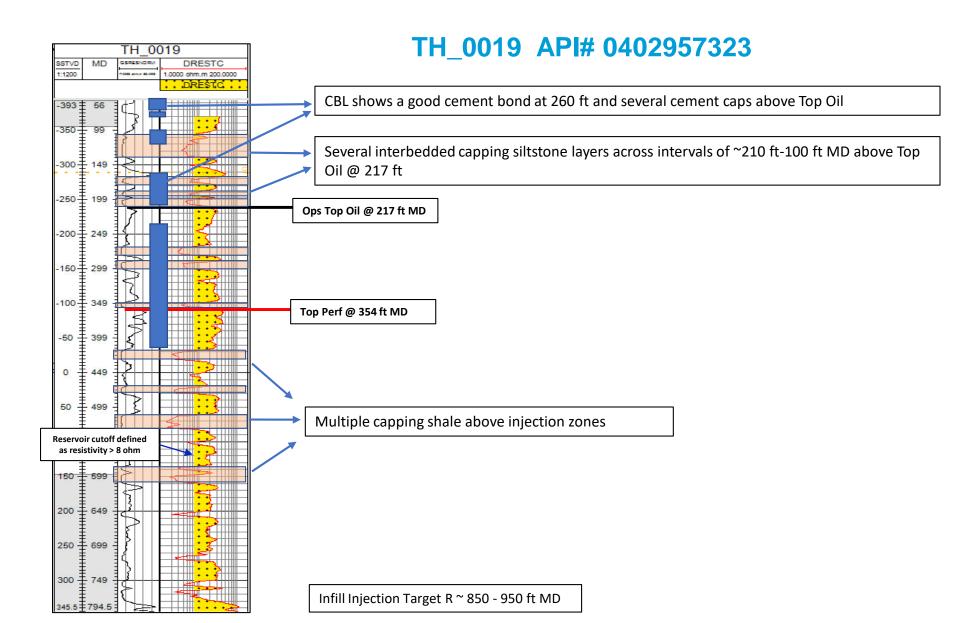


API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957322	18	Cyclic Steam	Active	316	194	225	Calc cement in annulus of 7" casing with cement loss. 1979 CBL shows good bond at 320' with cement cap 204" to 254'. Recommend Remediation, Not 100'+ cement above top oil.	Remediate or Abandon		Remediate or Abandon	CVX-Upon further geologic review, geologic isolation . Multiple thick interbedded capping silistone layers across intervals of ~80 ft-170 ft MD above Top 0.10 @ 25 ft. Multiple capping silistone layers above injection zones. See capping shale/silt analysis.

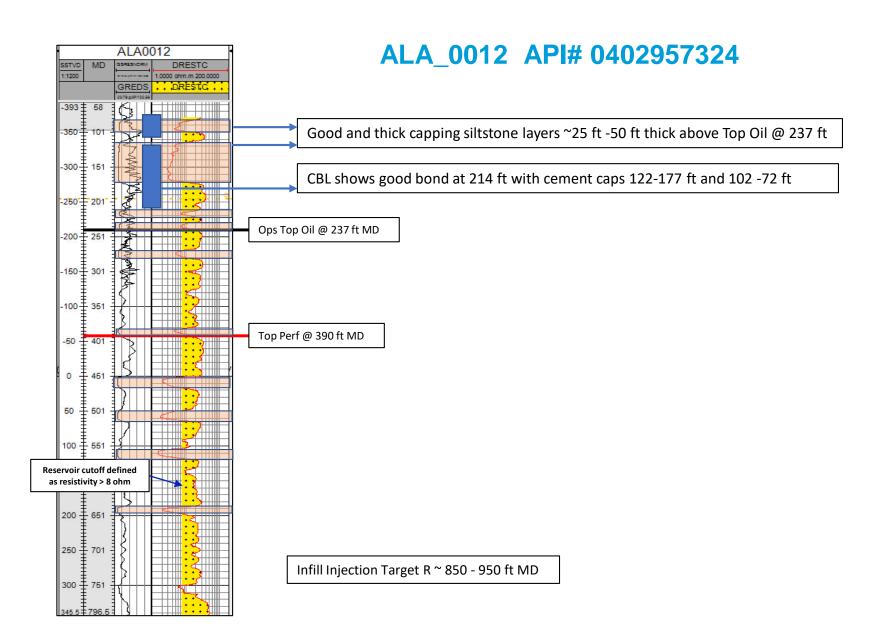
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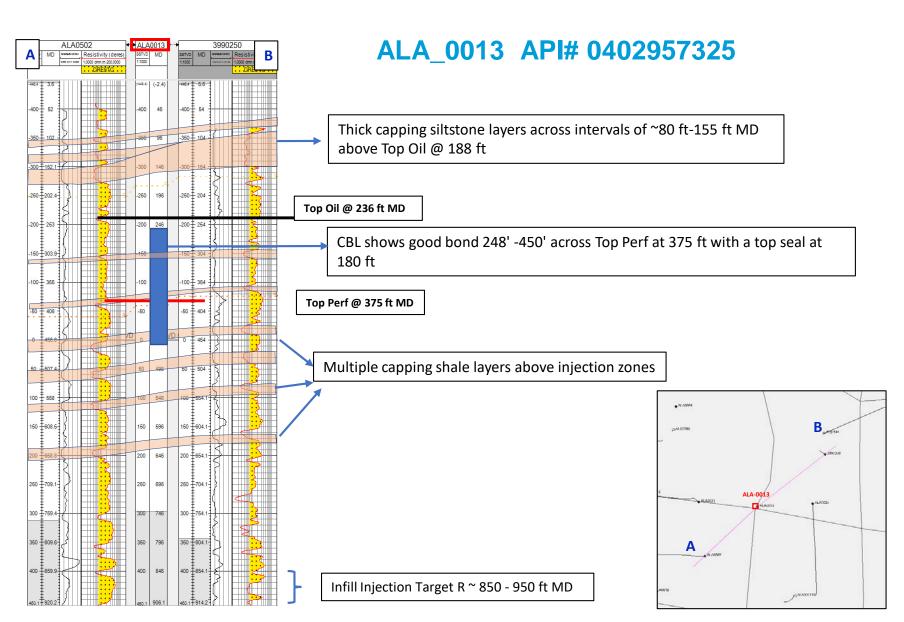
API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957323	19	Oil & Gas	Active	354	160	217	Calc cement in annulus of 7" casing from 1085' to surface with 50 cu ft cement returns per DOGGR History of 0il or 6as Well. 10/6/1979 CBL shows good bond at 260' with cement caps 168' to 204', 102' to 119', and 44' to surface. Recommend Remediation, Not 100' cement Above Top 0il.	Remediate or Abandon		Remediate or Abandon	CVX-Upon further geologic review, geologic isolation. Several interbedded capping siltstone layers across intervals of ~210 ft-100 ft MD above Top Oil @ 217 ft. Multiple capping shale above injection zones. See capping shale/silt analysis.



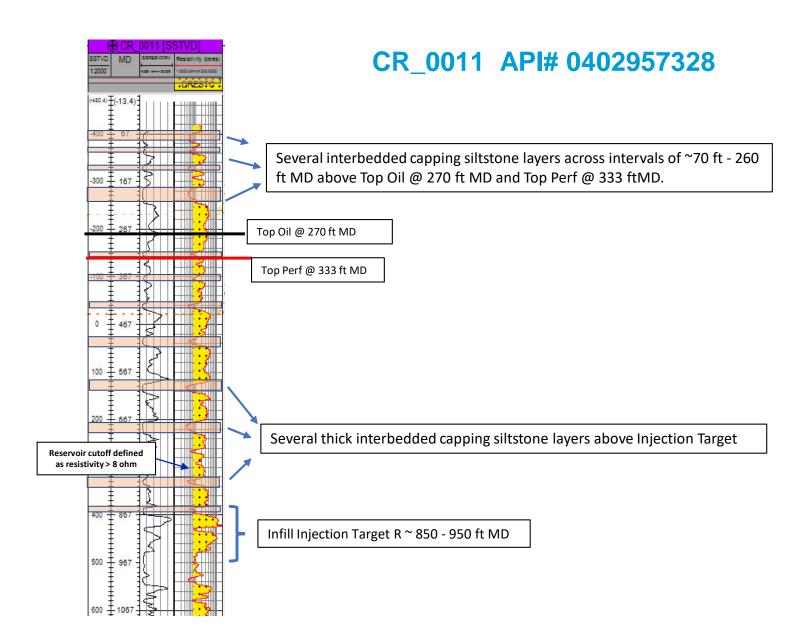
API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957324	12	Cyclic Steam	Active	390	197	237	Calc cement in annulus of 7" casing from 1087' to surface with trace amounts cement returns per DOGGR History of 0il or Gas Well. 2744/2002 CBL shows good bond at 214' with cement caps 122' to 177' and 102' to 72'. Recommend Remediation, Not 100' cement Above Top 0il.	Remediate or Abandon		Remediate or Abandon	CVX-Upon further geologic review, geologic isolation . Good and thick capping siltstone layers –25 ft +50 ft thick above Top Oil @ 237 ft. CBL shows good bond at 214 ft with cement caps 122-177 ft and 102-72 ft. See capping shale/silt analysis.



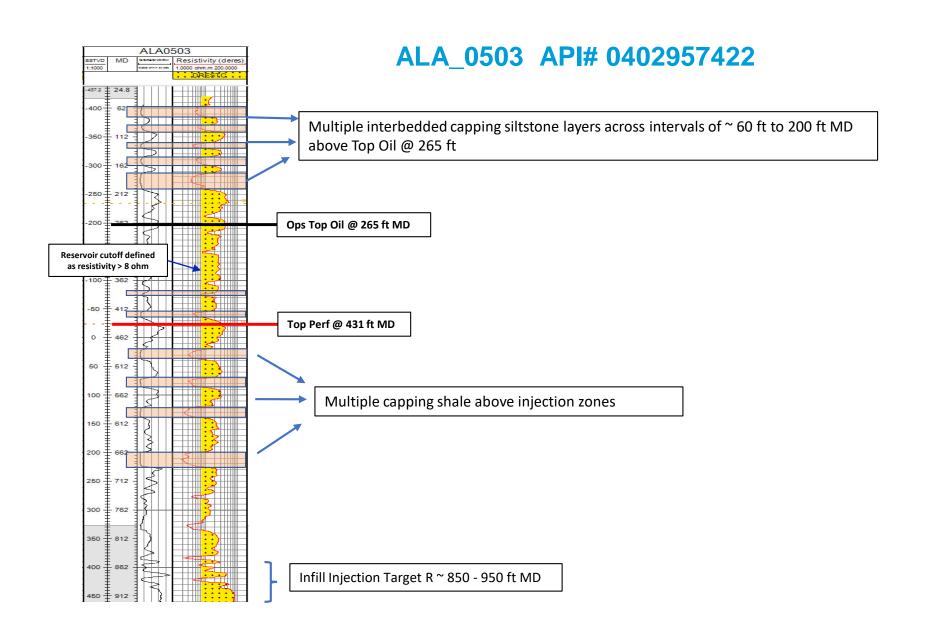
API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957325	13	Oil & Gas	Active	375	179		Cair cement in annulus 12" casing from 20" to surface. 7/18/1978 CBL shows poor bond at 248" with a top seal at 179". Top oil at 188". Not 100" cement above Top Oil. Recommend Remediation.	Remediate or Abandon		Remediate or Abandon	CVX-Upon further geologic review, geologic isolation . Thick capping sitistons layers across intervals of +80 ft +155 ft MD above Top OI @ 188 ft. OBL shows good bond 248 -450° across Top Perf at 375 ft with a top seal at 180 ft. Multiple capping shale layers above injection zones. See capping shale/standysis.



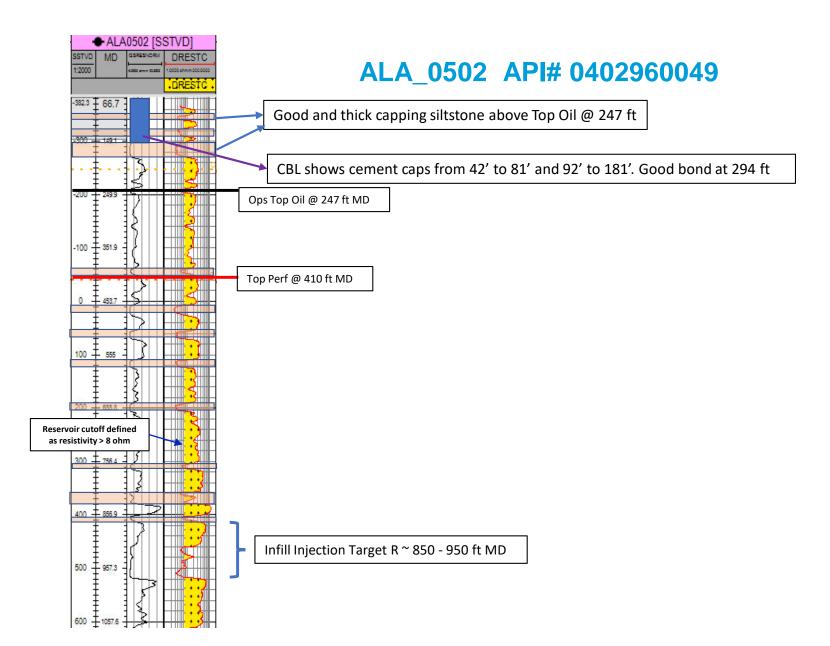
API10	Well Number	Well Type	CalGEM Well Status	Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957328	11	Cyclic Steam	Active	333	236		Calc cement in annulus 12" casing from 15" to surface. Calc cement in annulus of 7" casing from 36" to surface assuming conservative 1 sr = 1 cu ft. 2013 CBL shows good bond at 190" with cement cap 106' to surface.		Pending the receipt of the 2013 CBL - email sent to Chevron on 07/31/2020. Pending the receipt of the 2013 CBL	Further Review	CVX - Geologic isolation . Uploaded CBL to Box.com. Several interbedded capping silitation layers across intervals of -70 ft - 260 ft M0 above Top 0.1 @ 270 ft M0 and Top Perf @ 333 thMD. Several thick interbedded capping silistone layers above injection Target. See capping shalloffs analysis.
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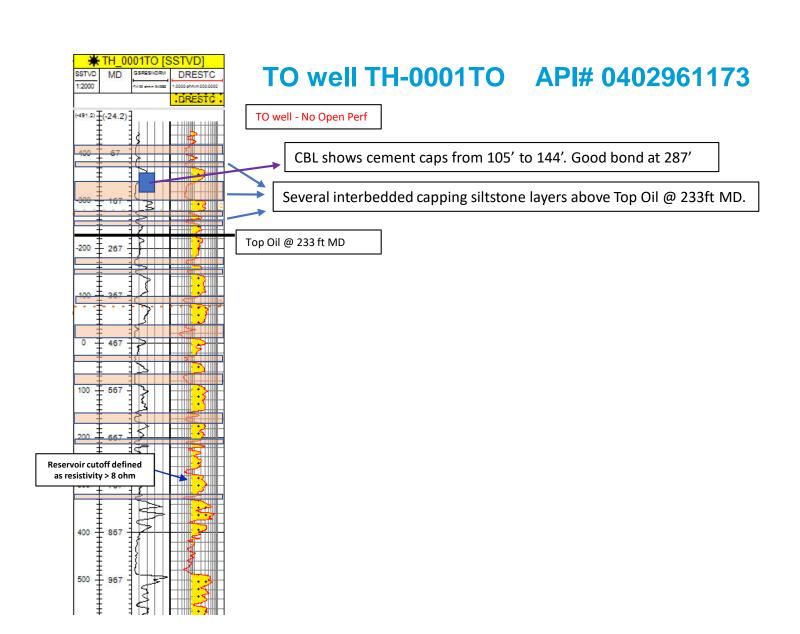
API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402957422	503	Cyclic Steam	Active	431	228	265	Calc cement in annulus of 5-1/2" casing from 1108' to surface with 110 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows top of cement at 870'. Recommend Remediation, Top of Oil Above Top of Cement.	Remediate or Abandon	Pending the Remediate or Abandon	Remediate or Abandon	CVX-Upon further geologic review, geologic isolation . Multiple interbedded capping siltstone layers across intervals of – 60 ft to 200 ft MD above Trop Oil @ 285 ft. Multiple capping shale above injection zones. See capping shale/silt analysis.



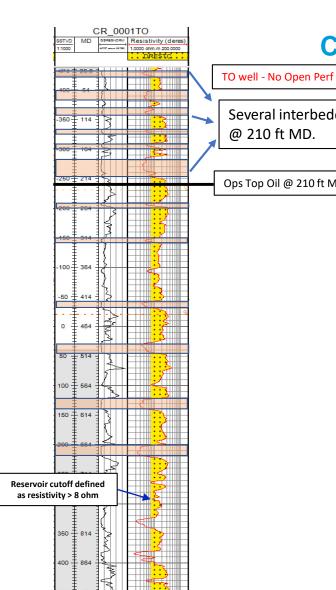
API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402960049	502	Cyclic Steam	Active	410	205	247	Calc cement in annulus of 5-1/2" casing from 1097" to surface with 118 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows good bond at 294" with cement caps 92' to 181', and 42' to 81'. Meets Isolation Requirements.	Meets Isolation Requirements	Need to email operator for the CBL. Pending the receipt of the 1980 CBL	Further Review	CVX - Geologic isolation. Uploaded CBL to Box.com. Good and thick capping silistone above Top Oil @ 247 ft. CBL shows cement caps from 42' to 81' and 92' to 181'. Good bond at 294 ft. See capping shale/silt analysis.



API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0402961173	T.O. 1	Observation	Idle	no open perfs	186	233	Calc cement in annulus of 5-1/2" casing from 1073' to surface with 20 cu ft cement returns per DOGGR History of Oil or Gas Well. 1996 CBL shows good bond at 287' with cement cap 105' to 144'. Recommend Remediation. Steam at 100' and Not 100' Above Top Oil.	Remediate or Abandon	Need to email operator for the CBL. Pending the Remediate or Abandon	Further Review	CVX - Geologic isolation. Uploaded CBL to Box.com. TO well - No Open Perf. CBL shows cement caps from 105' to 144'. Good bond at 287'. Several interbedded capping siltstone layers above Top Oil @ 233ft MD. See capping shale/silt analysis.



API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0403001985	T.O. 1	Observation	Idle	no open perfs	233	269	Calc cement in annulus of 7" casing from 1781' to surface with 87 cu ft cement returns per DOGGR History of Oil or Gas Well. 1996 CBL shows no good bonds. Recommend Remediation, Top of Oil Above Top of Cement.	Remediate or Abandon	Need to email operator for the CBL	Further Review	CVX - Geologic isolation. Uploaded CBL to Box.com. TO well - No Open Perf. Several interbedded capping slitstone layers across intervals of ~20 ft - 670 ft MD above Top Oil @ 210 ft MD. See capping shale/slit analysis.

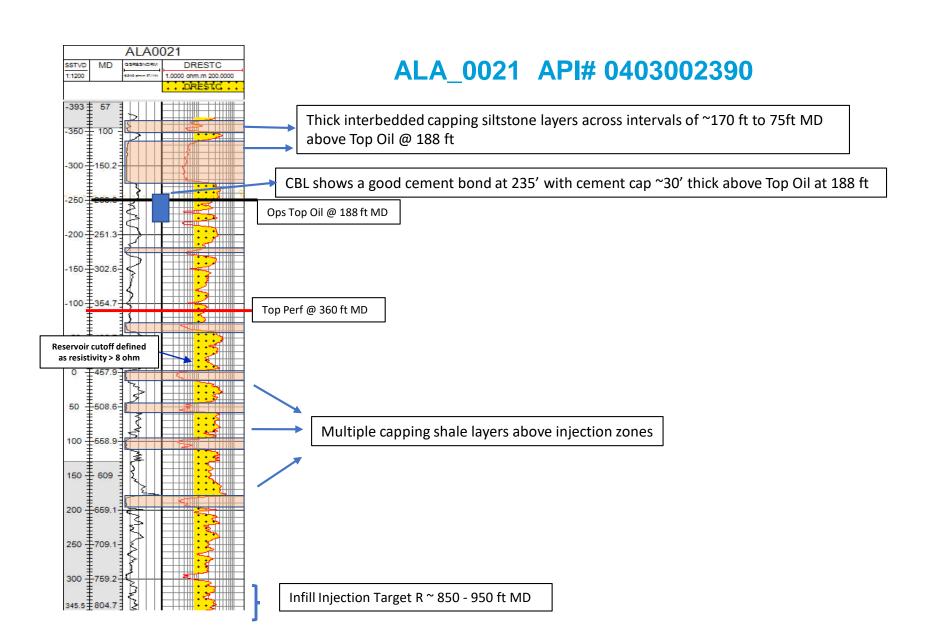


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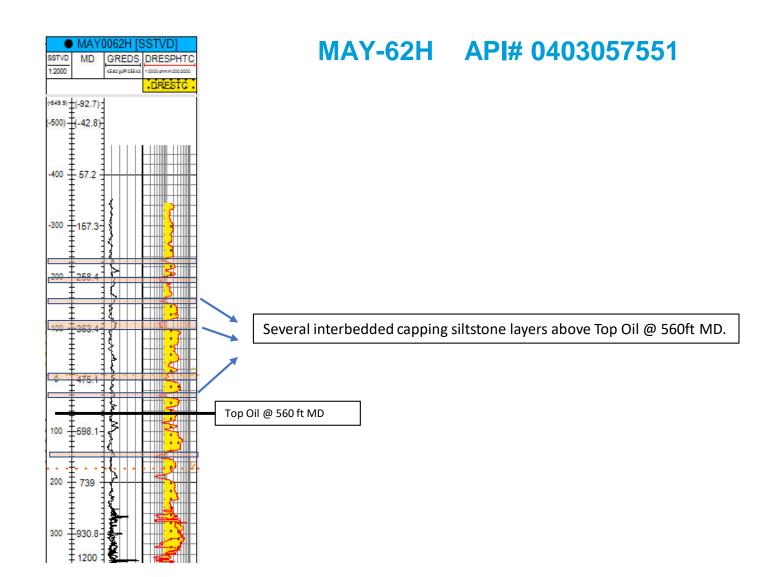
Several interbedded capping siltstone layers across intervals of ~20 ft - 670 ft MD above Top Oil @ 210 ft MD.

Ops Top Oil @ 210 ft MD

API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0403002390	21	Cyclic Steam	Active	360	194	238	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1132' to surface with 34 cu ft cement returns per DOGGR History of Oil or Gas Well. 2002 CBL shows good bond at 235' with cement cap 188' to 203'. Recommend Remediation.	Remediate or Abandon	Need to email operator for the CBL	Further Review	CVX - Geologic isolation. Uploaded CBL to Box.com. Thick interbedded capping sillstone layers across intervals of -170 ft to 75ft MD above Top Oil @ 188 It. CBL shows a good cement bond at 235 with cement cap -30 thick above Top Oil at 188 It. Multiple capping shale layers above injection zones . See capping shale/silt analysis.



API10	Well Number	Well Type	CalGEM Well Status	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments
0403057551	62H	Cyclic Steam	Active	1,735	554		Calc cement in annulus 12" casing from 54 to surface per DOGGR Well Summary Report. 5/4/2015 CBL shows good bond in annulus 7" casing at 360" with cement caps 320" to 345" and 108" to surface. Needs Further Review. Check for Cap and Shale.	Needs Further Review.	Need to email operator to submit the CBL. Zero bbls return from the primary cement job for the 7* casing. Estmated TOC @ 160 calculated by Sclumberger (SLB), float held. The history states "Had circulation the entire job. However when the cement reached around 50' (-120 bbls pumped), returns decreased drastically. Pending the receipt of the 2015 CBL, and further review by operator	Further Review	CVX - Geologic isolation. Several interbedded capping silistone layers above Top Oil @ 560ft MID. See capping shale/silt analysis. DBC - please provide CBL referred to in notes - cannot find in CIC folder or CalGEM files.



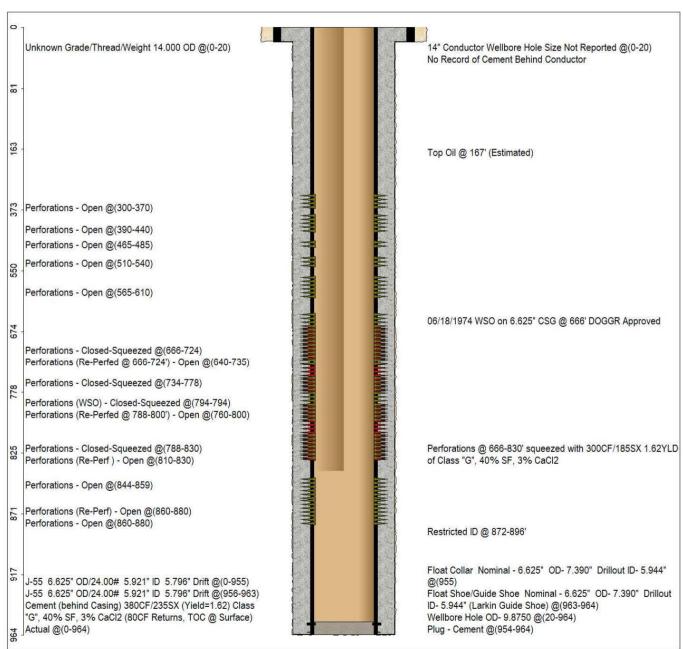
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API10	Lease	Well Number	PLSS	Well Type	CalGEM Well Status	Owner	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM & Chevron Comments
0402942113	Crestmont	7	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	487	276		Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing to 160'. 4/17/2002 CBL shows cement cap from 100' to surface. Recommend Remediation, No cement 100'+ above top oil.	Remediate or Abandon	(01/21/2021) - CalGEM - CVX has proposed to abandon the well. (10/27/2020) -CalGEM - CVX submitted a better quality CBL. The CBL shows a poor cement bonding above the top oil. (10/21/2020) - CVX submitted the requested CBL, but it is blurry, please submit a better-quality copy of the CBL. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL dated 4/17/2002 (09/15/2020) - CVX-Upon further geologic review, geologic isolation. Thick interbedded capping siltstone layers above Top Perf. Multiple interbedded capping siltstone layers above injection zones. See capping shale/silt analysis.
0402957322	Thomas	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	316	194	1	Calc cement in annulus of 7" casing with cement loss. 1979 CBL shows good bond at 320' with cement cap 204' to 254'. Recommend Remediation, Not 100'+ cement above top oil.	Remediate or Abandon	(10/21/2020) - CalGEM - CBL Variable Density (VD) shows poor cement bonding above the top oil, only good cement bonding at 320 ft with cement cap 204 ft to 254 ft as stated by CVX (column # L) which it is only 19 ft above the oil zone. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL dated 1979 (09/15/2020) - CVX-Upon further geologic review, geologic isolation . Multiple thick interbedded capping siltstone layers across intervals of ~80 ft-170 ft MD above Top Oil @ 235 ft. Multiple capping siltstone layers above injection zones. See capping shale/silt analysis.
0402957325	Aladdin	13	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	375	179	236	Calc cement in annulus 12" casing from 20' to surface. 7/18/1978 CBL shows poor bond at 248' with a top seal at 179'. Top oil at 188'. Not 100' cement above Top Oil. Recommend Remediation.	Remediate or Abandon	(01/22/2021) - CalGEM - Well was plugged and abandoned, cemet tag witnessed and approved by CalGEM dated January 5, 2021. (09/21/2020) - CalGEM - CBL dated 07/18/1978 shows poor cement bonding above both the top oil and seal. (09/15/2020) - CVX-Upon further geologic review, geologic isolation . Thick capping siltstone layers across intervals of ~80 ft-155 ft MD above Top Oil @ 188 ft. CBL shows good bond 248' -450' across Top Perf at 375 ft with a top seal at 180 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis.
0402957422	Aladdin	503	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	431	228		Calc cement in annulus of 5-1/2" casing from 1108' to surface with 110 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows top of cement at 870'. Recommend Remediation, Top of Oil Above Top of Cement.	Remediate or Abandon	(01/22/2021) - CalGEM - Well was plugged and abandoned, surface cement plug witnessed and approved by CalGEM dated December 14, 2021. Thus, it is Pass Zone Isolation (10/26/2020) - CalGEM - CBL dated 05/15/1980 shows poor cement bonding above both the top oil and seal. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL dated 1980 (09/15/2020) - CVX-Upon further geologic review, geologic isolation . Multiple interbedded capping siltstone layers across intervals of ~ 60 ft to 200 ft MD above Top Oil @ 265 ft. Multiple capping shale above injection zones. See capping shale/silt analysis.
0402961173	Thomas	T.O. 1	09, 29S, 28E, MD	Observation	Idle	Chevron U.S.A. Inc.	no open perfs	186	233	Calc cement in annulus of 5-1/2" casing from 1073' to surface with 20 cu ft cement returns per DOGGR History of Oil or Gas Well. 1996 CBL shows good bond at 287' with cement cap 105' to 144'. Recommend Remediation. Steam at 100' and Not 100' Above Top Oil.	Remediate or Abandon	(10/26/2020) - CalGEM has received the requested temperature survey. It shows that the heat is confined into the injection zone (09/22/2020) - CalGEM - Please submit the recent temperature survey data from this well. Also, please provide Chevron interpretation of the survey report. (09/15/2020) - CVX - Geologic isolation . Uploaded CBL to Box.com. TO well - No Open Perf. CBL shows cement caps from 105' to 144'. Good bond at 287'. Several interbedded capping siltstone layers above Top Oil @ 233ft MD. See capping shale/silt analysis.
0403001985	Crestmont	T.O. 1	09, 29S, 28E, MD	Observation	Idle	Chevron U.S.A. Inc.	no open perfs	233	3 269	Calc cement in annulus of 7" casing from 1781' to surface with 87 cu ft cement returns per DOGGR History of Oil or Gas Well. 1996 CBL shows no good bonds. Recommend Remediation, Top of Oil Above Top of Cement.	Remediate or Abandon	(10/26/2020) - CalGEM has received the requested temperature survey. It shows that the heat is confined into the injection zone (09/22/2020) - CalGEM - Please submit the recent temperature survey data from this well. Also, please provide Chevron interpretation of the survey report. (09/15/2020) - CVX - Geologic isolation . Uploaded CBL to Box.com. TO well - No Open Perf. Several interbedded capping siltstone layers across intervals of ~20 ft - 670 ft MD above Top Oil @ 210 ft MD. See capping shale/silt analysis.
0403057551	May	62H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,735	554	560	Calc cement in annulus 12" casing from 54' to surface per DOGGR Well Summary Report. 5/4/2015 CBL shows good bond in annulus 7" casing at 360' with cement caps 320' to 345' and 108' to surface. Needs Further Review. Check for Cap and Shale.	Meets Isolation Requirements	(10/26/2020) - CalGEM - The submitted USIT log dated 04/28/2015 shows good cement bonding more that 100 ft above the top oil. (09/22/2020) - CalGEM - Pending the receipt of the 2015 CBL, and further review by operator (09/15/2020) - CVX - Geologic isolation . Several interbedded capping siltstone layers above Top Oil @ 560ft MD. See capping shale/silt analysis. D&C - please provide CBL referred to in notes - cannot find in CIC folder or CalGEM files.
0402900195	Thomas H.H. & F.	503	09, 29S, 28E, MD 09, 29S, 28E, MD			Chevron U.S.A. Inc. Chevron U.S.A. Inc.	300 813			Calc cement in annulus 6-5/8" casing from 964' to surface with 80 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 14-1/2" casing from 26' to surface. Calc cement in annulus of 8-5/8" casing from 315' to surface with cement returns per Water Shut-off Test. No		
							_			All records show well has no proof of abandonment. Records also show well was		
0402908043	Aladdin	2	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	219	257	Well was plugged and abandoned from 806' to 91' and 15' to surface per DOGGR	Remediate or Abandon	
0402910977	H.H. & F.	6	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	259	295		Meets Isolation Requirements	
0402910978	H.H. & F.	7A	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	220	251	932' to 235' and 15' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Well was plugged and abandoned from 868' to surface with cement per DOGGR	Meets Isolation Requirements	
0402914970	Crestmont	4	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	270	312	History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	
0402914971	Crestmont	5	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	251	288	Well was plugged and abandoned from 730' to surface with cement per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	
0402914972	Crestmont	6	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	246	1	Well was plugged and abandoned from 406' to surface with cement per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	
0402922180	Kern Co. Land Co.	5	5 09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	E&B Resources	no open perfs	252	900	~125 CF squeezed through perfs and TOC est. to ~197 in annulus. Multiple plugs from 662'-surface. DOGGR states all abandonment requirements have been fulfilled. Meets Isolation Requirements	Meets Isolation Requirements	
0402924963	H.H. & F.	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	400	216	266	Calc cement in annulus of 8-5/8" casing from 490' to surface with cement returns per DOGGR Report on Test of Water Shut-off. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402930446	Aladdin	1	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	216	5 251	No Record of Well Abandonment.	Needs Further Review.	(09/22/2020) - CalGEM - Well history has been located, please see Well History page # 5/15. Well has cement inside and outside the 11 5/8" casing more than 100' above the top oil. (09/15/2020) - CVX - No abandonment record found. Geologic isolation. Several thick capping siltstone layers across intervals of ~90 ft-185 ft MD above Top Oil @ 216 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis.
0402930447	Aladdin	3	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	420	228	3 267	Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402930448	Aladdin	4	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	220	181		Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale.	Needs Further Review.	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis.
0402930449	Aladdin	5	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	398	208	241	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL.	Meets Isolation Requirements	
0402930450	Aladdin	6	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	203	244	Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	
0402930451	Aladdin	7	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	270	175	234	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL.	Meets Isolation Requirements	
0402930452	Aladdin	8	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	302	164	219	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402930473	Junction	19	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	#N/A	220		Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report.	Meets Isolation Requirements	
0402930479	Junction	25	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	430	286	350	Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing to surface. No CBL.	Meets Isolation Requirements	
	Junction	34	09, 29S, 28E, MD			Chevron U.S.A. Inc.	342			Meet Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per History of Oil or Gas Well. Cal cement in annulus 8-5/8" casing from 552' to surface per Report on Test of Water Shut-off. Calc cement in annulus 6-5/8" casing from 530' to surface per DOGGR Daily Well Reports. Sidetrack at 18', above top oil. No CBL. Needs Further Review. Sidetrack Above Top Oil. Well was plugged and abandoned from 545' to surface with cement per DOGGR	Remediate or Abandon	
0402930504	Thomas		09, 29S, 28E, MD	UII & Gas	Plugged & Abandoned	onevron U.S.A. Inc.	ıno open perfs	197	234	Special Report on Operations Witnessed. Meets Isolation Requirements	Meets Isolation Requirements	

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0402930508	Thomas	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	304 190	233	Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 465' to surface per DOGGR Report on Test of Water Shut-off. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402932875	Crestmont Water	1	09, 29S, 28E, MD	Water Source	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 253	291	Meets Isolation Requirements	Meets Isolation Requirements	
0402940419	Aladdin	9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	340 219	254	Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 6-5/8" casing from 961' to surface per DOGGR Report on Test of Water Shut-off. No CBL.	Meets Isolation Requirements	
0402942123	Crestmont	9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	330 232	264		Meets Isolation Requirements	
0402955744	Junction	74	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	495 251	290		Meets Isolation Requirements	
0402955750	H.H. & F.	2D	09, 29S, 28E, MD	Injection	Plugged & Abandoned	Chevron U.S.A. Inc.	1,159 239	270	cement and from 370' to surface with Zonite per DOGGR History of Oil or Gas Well.	Meets Isolation Requirements	
0402956077	Junction	70	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	365 281	325	Meets Isolation Requirements. Calc cement in annulus of 7" casing from 1201' to surface with 37 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL.	Meets Isolation Requirements	
0402956712	Aladdin	14	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	417 221	260	Meets Isolation Requirements. Calc cement in annulus of 7" casing from 1013' to surface with 5 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL.	Meets Isolation Requirements	
									Meets Isolation Requirements. Well was plugged and abandoned from 900' to surface with two cement plugs from		(09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1926 well. Sand plug from
0402914967	Crestmont	1	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs #N/A	#N/A	Meets Isolation Requirements	Meets Isolation Requirements	210-10' does not meet requirements. Theoretical excess cement pumped indicates a plug & squeeze. However, there was not enough excess to cover top oil.
0402957324	Aladdin	12	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	390 197	237	Calc cement in annulus of 7" casing from 1087' to surface with trace amounts cement returns per DOGGR History of Oil or Gas Well. 2/14/2002 CBL shows good bond at 214' with cement caps 122' to 177' and 102' to 72'. Recommend Remediation, Not 100' cement Above Top Oil.	Remediate or Abandon	(09/15/2020) - CVX-Upon further geologic review, geologic isolation . Good and thick capping siltstone layers ~25 ft -50 ft thick above Top Oil @ 237 ft. CBL shows good bond at 214 ft with cement caps 122-177 ft and 102 -72 ft. See capping shale/silt analysis. (01/22/2021) - CalGEM - Chevron has submitted monitoring plan
0402914968	Crestmont	2	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 201	234	Well was plugged and abandoned from 676' to surface with two cement plugs from 676' to 312' and 14' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	(09/22/2020) - CalGEM - Cheviol Has subhitted fromtoning plant (09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1967 well. Could not find any additional data.
0402957327	Crestmont	10	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	469 266	306	Calc cement in annulus of 7" casing from 1139' to surface with 47 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402957328	Crestmont	11	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	333 236	270	Calc cement in annulus 12" casing from 15' to surface. Calc cement in annulus of 7" casing from 368' to surface assuming conservative 1 sx = 1 cu ft. 2013 CBL shows good bond at 190' with cement cap 106' to surface.	Meets Isolation Requirements	
0402957329	Crestmont	12	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	462 272	320	Calc cement in annulus 7" casing from casing shoe at 1117' across Top Perf at 462' and Top oil at 239' to surface. No CBL.	Meets Isolation Requirements	
0402957415	Aladdin	500	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 185	230	1 '	Meets Isolation Requirements	
0402957421	Crestmont	502	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	455 252	288	Meets Isolation Requirements Calc cement in annulus of 7" casing from 1116' to surface with trace cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402914969	Crestmont	3	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 245	284	Well was plugged and abandoned from 626' to surface with two cement plugs from	Meets Isolation Requirements	(01/22/2021) - CalGEM - Chevron has submitted monitoring plan (09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1917 well. Sand plug from 317-10' does not meet requirements. Theoretical excess cement pumped and based on top of cement indicates a plug & squeeze which could put cement ~55' above top oil of 227'. Drilling report indicates first oil encountered at 465'. With that being said, the plug is sand which does not meet requirements.
0402958930	Kern County Land Co. Lease 39	250-9	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	375 171	239	Calc cement in annulus of 10-3/4" casing from 80' to surface per DOGGR History of Oil and Gas Well. Calc cement in annulus of 5-1/2" casing from 1049' to surface with 10 cu ft of cement return per Completion Report. 1983 CBL shows good bond at 194' with cement caps 154' to 166' and 130' to surface. Meets Isolation Requirements.	Meets Isolation Requirements	
0402960049	Aladdin	502	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	410 205	247	Calc cement in annulus of 5-1/2" casing from 1097' to surface with 118 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows good bond at 294' with cement caps 92' to 181', and 42' to 81'.	Meets Isolation Requirements	
0402924961	H.H. & F.	7	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 212	243	Meets Isolation Requirements. Well was plugged and abandonded from 590' to 465' per DOGGR Log of Oil or Gas Well. No proof of well cemented beyond 465' and top of oil is 175'. Needs Further Review. Remediate, Top of Oil Above Top of Cement.	Remediate or Abandon	(09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. Permit # 7016548 to Re-Abandon was issued on 05/12/2020. 1916 well. Drilling report indicates first oil encountered at 422'. Deeper than WBD top oil of 175'.
0402968207	Crestmont	500	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	430 218	248	Calc cement in annulus of 5-1/2" casing from 1079' to surface with 56 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402968208	Crestmont	501	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	414 276	320	Calc cement in annulus of 5-1/2" casing from 1144' to surface with 95 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402987429	Aladdin	17	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	375 167	226	Calc cement in annulus of 7" casing from 1126' to surface with 84 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402988098	Crestmont	13	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	488 275	324	Calc cement in annulus of 7" casing from 744' to surface with 90 cu ft cement returns per DOGGR History of Oil or Gas Well. 1991 CBL shows good bond at 130' with cement cap 75' to 108'. Meets Isolation Requirements. Calc cement in annulus of 7" casing from 1149' to surface with 56 cu ft cement	Meets Isolation Requirements	
0402988099	Aladdin	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	413 210	211	returns per DOGGR History of Oil or Gas Well. 1991 CBL shows top of cement to 28'. Meets Isolation Requirements. Calc cement in annulus of 7" casing from 546' to surface with 25 cu ft cement	Meets Isolation Requirements	
0402988100	Aladdin	16	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	405 205	241	returns per DOGGR History of Oil or Gas Well. 1991 CBL shows top of cement to 46'. Meets Isolation Requirements.	Meets Isolation Requirements	(01/22/2021) - Our record shows a Supplementary permit has been
0402942114	Crestmont	8	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	437 241	280	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 6-5/8" casing from 969' to 389' per DOGGR Report on Test of Water Shut-off. No CBL. Recommend to Remediate.	Remediate or Abandon	issued to remediate the casing annulus above the top oil. Please update us on the status of the Supplementary permit. (09/15/2020) - CVX-agree, Remediate. Permit # 7010694 - 01 for cement remediation issued on 04/13/2020.
0403002386	Aladdin	20	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	340 175	224	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1128' to surface with 67 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0402957323	Thomas	19	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	354 160	217	Calc cement in annulus of 7" casing from 1085' to surface with 50 cu ft cement returns per DOGGR History of Oil or Gas Well. 10/6/1979 CBL shows good bond at 260' with cement caps 168' to 204', 102' to 119', and 44' to surface. Recommend Remediation, Not 100' cement Above Top Oil.	Remediate or Abandon	(09/15/2020) - CVX-Upon further geologic review, geologic isolation . Several interbedded capping siltstone layers across intervals of ~210 ft-100 ft MD above Top Oil @ 217 ft. Multiple capping shale above injection zones. See capping shale/silt analysis. CBL shows a good cement bond at 260 ft and several cement caps above Top Oil
0403002391	Aladdin	19	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	357 188	232	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1140' to surface with 28 cu ft cement returns per DOGGR History of Oil or Gas Well. 2003 CBL shows good bond at 74'. Meets Isolation Requirements.	Meets Isolation Requirements	
0403007926	Crestmont	14	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	446 250	286	Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1174' to surface with 2 bbls cement returns per History of Oil or Gas Well. No CBL.	Meets Isolation Requirements	
0403008883	Crestmont	15	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	399 259	298	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1184' to surface. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
0403009011	Junction	105	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	391 235	288	Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1259' to surface with 4bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL.	Meets Isolation Requirements	
0403010009	Junction	524	09, 29S, 28E, MD	Injection	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 286	354	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Well was plugged and abandoned from 240' to surface with	Meets Isolation Requirements	
									cement per DOGGR Report on Operations. Meets Isolation Requirements. Calc cement in annulus 10-3/4" casing from 80' to surface per DOGGR Well	·	
0403011194	Crestmont	503	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	416 279	334	Summary Report. Calc cement in annulus of 5-1/2" casing from 1170' to surface with 1 bbl cement return per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 12" casing from 40' to surface per DOGGR Well Summary	Meets Isolation Requirements	
0403024810	Crestmont	16	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	484 264	305	,	Meets Isolation Requirements	
0403024811	Crestmont	17	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	482 236	270	Report. Calc cement in annulus of 7" casing from 1213' to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 12" casing from 40' to surface per DOGGR Well Summary	Meets Isolation Requirements	
0403024813	Thomas	25	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	312 205		Report. Calc cement in annulus of 7" casing from 1224' to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 8-5/8" casing from 490' to surface per DOGGR Well	Meets Isolation Requirements	
0403030103	Kern County Land Co. Lease 39	1-9	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs 268	317	Summary Report. Well was plugged and ahandoned from 920' to surface with	Meets Isolation Requirements	
0403030111	Kern County Land Co. Lease 39	440-9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	390 257	306	Calc cement in annulus of 8-5/8" casing from 490' to surface assuming conservative $1 \text{ sx} = 1 \text{ cu}$ ft. No CBL.	Meets Isolation Requirements	
0403040105	Kern County Land Co. Lease 39	20-9	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	468 264	314	Calc cement in annulus 10-3/4" casing from 110' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1005' to surface per DOGGR History of Oil or Gas Well. 2010 CBL shows top of cement to surface.	Meets Isolation Requirements	
0403040970	Aladdin	400	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	440 227	268	Meets Isolation Requirements. Calc cement in annulus 12" casing from 80' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1286' to surface with 18 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Meets Isolation Requirements	
											

0403040971	Crestmont	408	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	464	248	cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.
0403040980	Kern County Land Co. Lease 39	433-9	09, 29S, 28E, MD	Cyclic Steam	Idle	Chevron U.S.A. Inc.	402	283	Meets Isolation Requirements.
0403043854	Kern County Land Co. Lease 39	417H	09, 29S, 28E, MD	Multi-Purpose	Active	Chevron U.S.A. Inc.	1,024	293	Calc cement in annulus 12" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1030' to surface with 38 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements
0403047575	Junction	129	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,077	274	Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 251' to surface with 17 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements
0403050748	Junction	132H	09, 29S, 28E, MD	Cyclic Steam	Idle	Chevron U.S.A. Inc.	1,080	366	bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.
0403053177	Junction	137H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,291	374	42bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.
0403053178	Junction	136H	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,247	374	50bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.
0403054397	Kern County Land Co. Lease 39	609H	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	1,649	265	Calc cement in annulus 12-3/4" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1656' to surface with 50bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements
0403054399	Kern County Land Co. Lease 39	611H	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	1,573	253	Calc cement in annulus 12" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1583' to surface with 48bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements
0403057070	May	61H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,383	435	Calc cement in annulus 12" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1406' to surface with 35bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements
0403002390	Aladdin	21	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	360	194	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1132' to surface with 34 cu ft cement returns per DOGGR History of Oil or Gas Well. 2002 CBL shows good bond at Remediate or Abandon 235' with cement cap 188' to 203'. Recommend Remediation. (09/15/2020) - CVX - Geologic isolation. Uploaded CBL to Box Thick interbedded capping siltstone layers across intervals of ~17 operations. Thick interbedded capping siltstone layers across intervals of ~17 operations. With cement cap ~30' thick above Top Oil @ 188 ft. CBL shows a good cement bond with cement cap ~30' thick above Top Oil at 188 ft. Multiple capping shale/silt analysis.
0403060653	May	54H	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,663	552	Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1678' to surface with 25bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements
0403063144	Мау	65H	08, 29S, 28E, MD	Oil & Gas	Permitted	Chevron U.S.A. Inc.	1,637	442	Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1647' to surface with 55bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements
0403063280	Мау	67H	08, 29S, 28E, MD	Cyclic Steam	Permitted	Chevron U.S.A. Inc.	1,526	451	Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1537' to surface with 46bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements



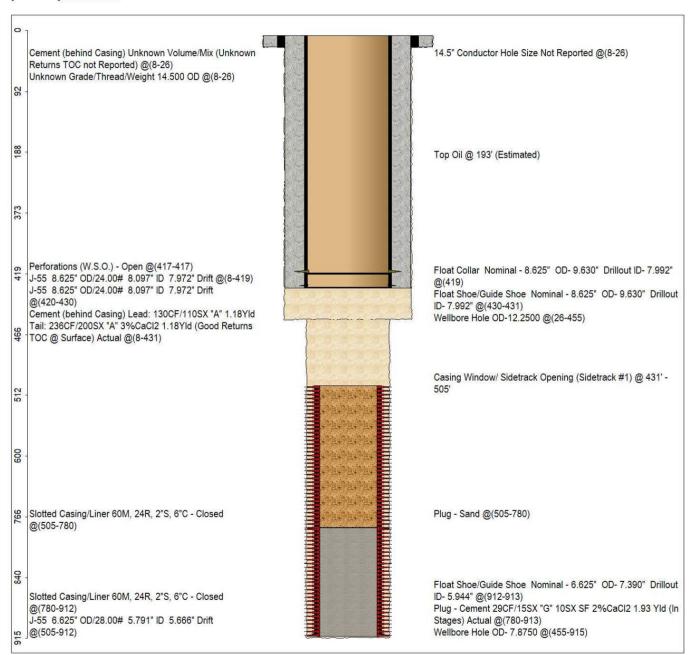
[DOGGR Lease Name] Thomas [DOGGR Well No.] 503
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 503 [Field] KERN RIVER
[Location] Thomas/503 [Sec.] N/A [Blk] _____ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402900195 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 464.48 [Spud Date] 10/26/1966 [Compl. Date] 11/15/1966 [Well Depth Datum] Ground Level [Elevation (MSL)] 464.48 [Correction Factor] 0.00 [Last Updated by] eczg [Date] 03/12/2019 [TD] 964.00 [PBTD] 954.00 [Platform Elev] 0.00 [Water Elev] 0.00



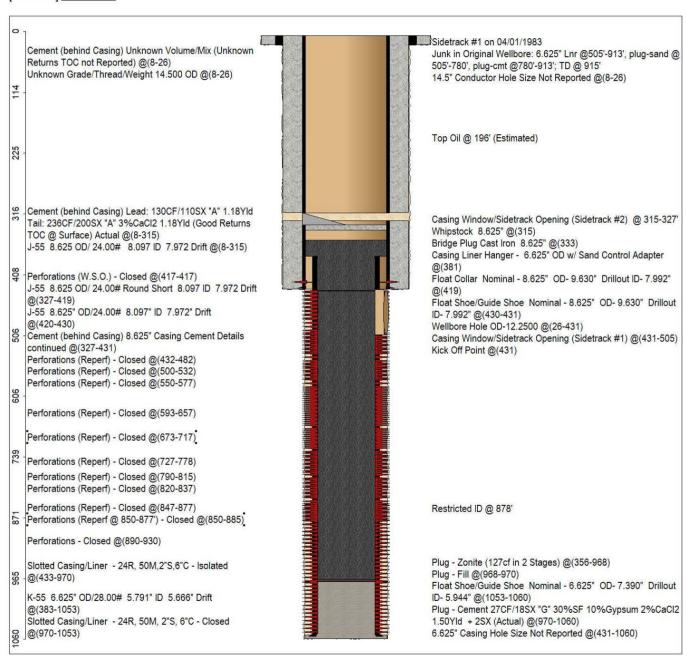
[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 18
[Lease] HH&F SEC 9 [Well Name] H9 18 [Field] KERN RIVER
[Location] H.H. & F./18 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402900321 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 472.00 [Spud Date] 01/05/1961 [Compl. Date] 01/12/1961 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 480.00 [Correction Factor] 8.00 [Last Updated by] hxmh [Date] 03/14/2019 [TD] 915.00 [PBTD] 505.00 [Platform Elev] 8.00 [Water Elev] 0.00



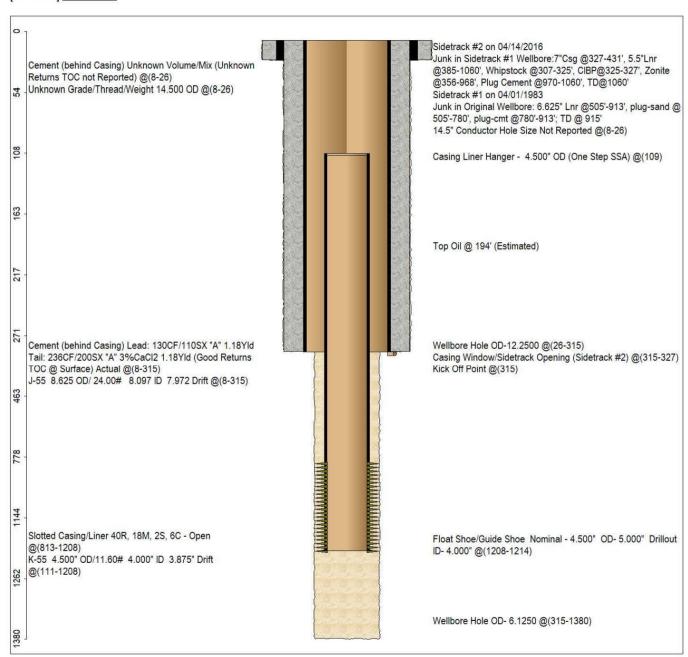
[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 18
[Lease] HH&F SEC 9 [Well Name] H9 18 [Field] KERN RIVER
[Location] H.H. & F./18 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402900321 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 472.00 [Spud Date] 01/05/1961 [Compl. Date] 01/12/1961 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 480.00 [Correction Factor] 8.00 [Last Updated by] ckrx [Date] 03/14/2019 [TD] 1060.00 [PBTD] 356.00 [Platform Elev] 8.00 [Water Elev] 0.00



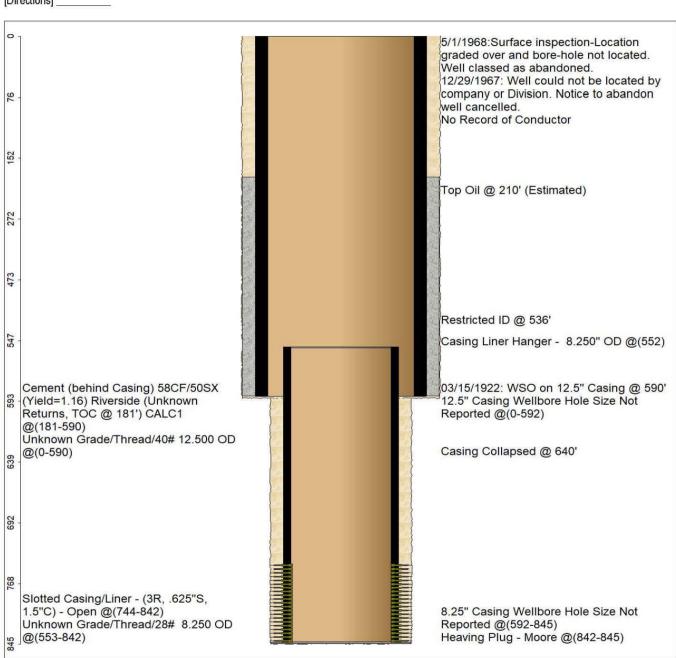
[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 18
[Lease] HH&F SEC 9 [Well Name] H9 18 [Field] KERN RIVER
[Location] H.H. & F./18 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402900321 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 472.00 [Spud Date] 01/05/1961 [Compl. Date] 01/12/1961 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 480.00 [Correction Factor] 8.00 [Last Updated by] ckrx [Date] 03/14/2019 [TD] 1380.00 [PBTD] 1208.00 [Platform Elev] 8.00 [Water Elev] 0.00



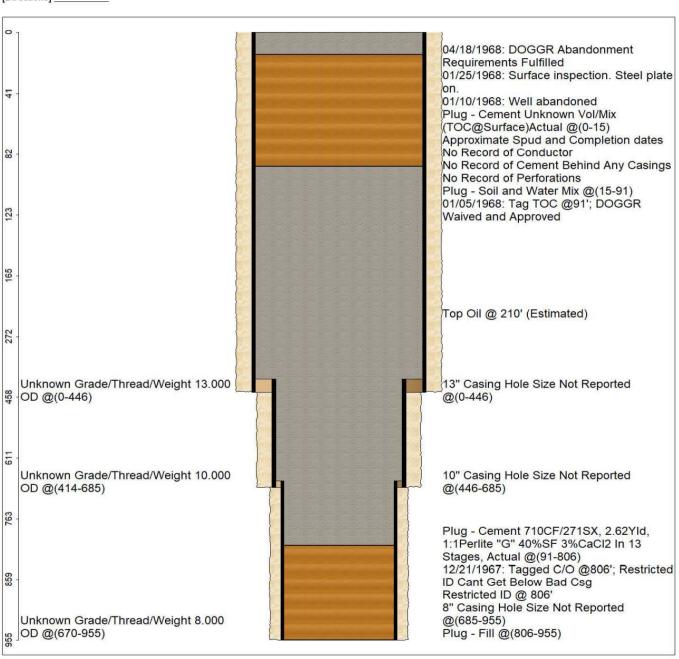
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 2
[Lease] E.P. THOMAS / ALLADIN [Well Name] ZALA 2 [Field] N/A
[Location] Aladdin/2 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402908043 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 458.00 [Spud Date] 08/15/1921 [Compl. Date] 03/19/1922 [Well Depth Datum] Ground Level [Elevation (MSL)] 458.00 [Correction Factor] 0.00 [Last Updated by] rbar [Date] 03/12/2019 [TD] 845.00 [PBTD] 842.00 [Platform Elev] 0.00 [Water Elev] 0.00



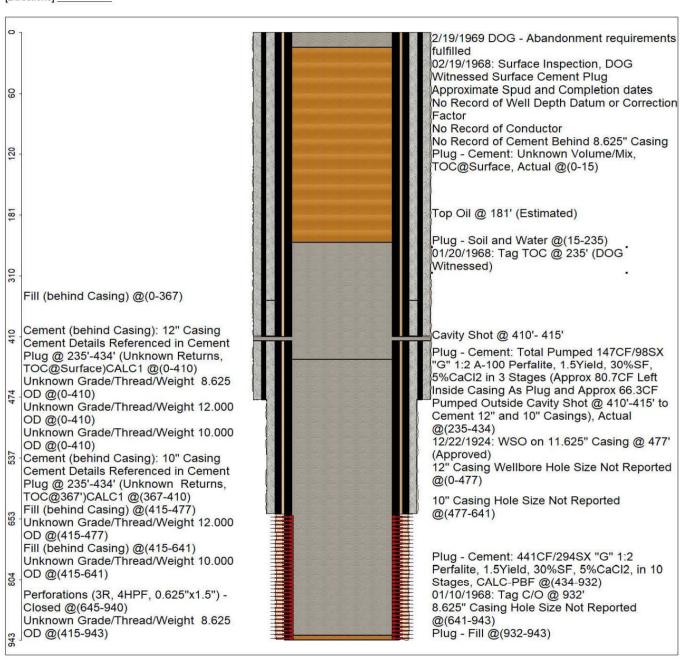
[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 6
[Lease] HH&F SEC 9 [Well Name] ZH9 6 [Field] N/A
[Location] H.H. & F./6 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402910977 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 460.00 [Spud Date] 12/21/1915 [Compl. Date] 12/21/1915 [Well Depth Datum] Ground Level [Elevation (MSL)] 460.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/12/2019 [TD] 955.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 7A
[Lease] HH&F SEC 9 [Well Name] ZH9 7A [Field] N/A
[Location] H.H. & F./7A [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402910978 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 465.00 [Spud Date] 12/20/1924 [Compl. Date] 03/20/1925 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/12/2019 [TD] 943.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



8.25" Liner Wellbore Hole Size Not Reported @(812-1200)

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[DOGGR Lease Name] Crestmont Water [DOGGR Well No.] 1
[Lease] CRESTMONT [Well Name] ZCR 1_01 [Field] N/A
[Location] Crestmont Water/1 [Sec.] N/A [Blk]
                                                                [Survey] N/A
                                                       [API] 0402914967 [Cost Center] UCA529840
[County] Kern [St.] California [Refno]
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]
                                                                                                   12/13/1967: Welded Steel Plate To Casing Stub
                                                                                                   Plug - Cement: Unknown Volume/ Mix, TOC @ Surface,
                                                                                                   Actual @(0-10)
                                                                                                   Original Spud And Completion Date Not Reported.
                                                                                                   01/03/1917 Is Earliest Document Date
                                                                                                   No Record Of A Conductor
                                                                                                   Record Indicate Perforations @ 400'-835', Records Also
                                                                                                   Indicate No Perforations In The 8.25" Liner.
142
                                                                                                   Plug - Sand @(10-210)
                                                                                                   12/07/1967: Tag TOC @ 210' (DOGGR Approved)
                                                                                                   Top Oil @ 217' (Estimated)
Perforations - Closed @(400-463)
                                                                                                   No Record Of Cement Behind 12.25" Production Casing
    Unknown Grade/Thread/ 40# 12.250 OD @(0-463)
                                                                                                    12.25" Production Casing Wellbore Hole Size Not Reported
                                                                                                   @(0-463)
726
                                                                                                   Restricted ID @ 760'
    Perforations - Closed @(403-792)
Perforations - Closed @(792-812)
Unknown Grade/Thread/Weight 10.000 OD
                                                                                                   10" Liner Wellbore Hole Size Not Reported @(463-812)
    @(403-812)
877
                                                                                                   Plug - Cement: 402.5CF/ 350SX, 1.15YLD, 2%CaCl2, In 7
                                                                                                   Stages, Actual @(210-900)
                                                                                                   12/07/1967: Tag C/O @ 900'
                                                                                                   Plug - Fill @(900-918)
    Cement (behind Casing) Unknown Volume/Mix
                                                                                                   Plug - Cement @(918-980)
   (Unknown Reutrns, TOC Not Reported) @(792-980)
```

[Ground Elevation (MSL)] 465.00 [Spud Date] 09/04/2003 [Compl. Date] 09/04/2003 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/21/2019 [TD] 1200.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00

Unknown Grade/Thread/Weight 8.25 OD @(792-980)

199



[DOGGR Lease Name] Crestmont [DOGGR Well No.] 2 [Lease] CRESTMONT [Well Name] ZCR 2 [Field] N/A [Location] Crestmont/2 [Sec.] N/A [Blk] [Survey] N/A [API] 0402914968 [Cost Center] UCA529840 [County] Kern [St.] California [Refno] ___ [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE [Directions] 12/13/1967: Welded steel plate to casing stub. Abandonment complete. Plug - Cement Unknown Vol/Mix (TOC@Surface)Actual @(0-14) No Record of Well Depth Datum, Elevation and 30 Ground Elevation. No Record of Conductor No Record of Any Completion Details/Perforations No Record of Cement behind 9.625" and 8.625" Casings 9 Evidence of 6.625" casing; details and depths unknown Total Depth Not Reported 90 120 Top Oil @ 173' (Estimated) 204 Plug - Sand @(14-312) 12/12/1967: Tag TOC @ 312' (DOGGR Approved and Witnessed) 388 Unknown Grade/Thread/33.00# 9.625 OD 9.625" Casing Wellbore Hole Size Not Reported @(0-494) @(0-494) 585 Plug - Cement 345CF/300SX, 1.15Yld, Unknown Class, 2%CaCl2, Actual @(312-673) 8.625" Liner Wellbore Hole Size Not Reported Unknown Grade/Thread/Weight 8.625 OD (Approximate) @(494-676)

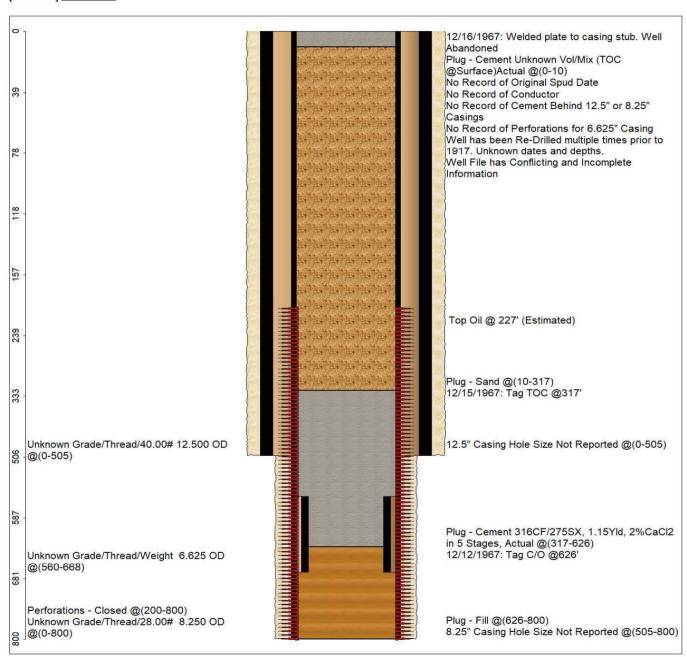
12/07/1967: Tag C/O @676'

[Ground Elevation (MSL)] 0.00 [Spud Date] 11/09/1941 [Compl. Date] 11/09/1941 [Well Depth Datum] Ground Level [Elevation (MSL)] 0.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/06/2019 [TD] 676.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00

@(393-673)



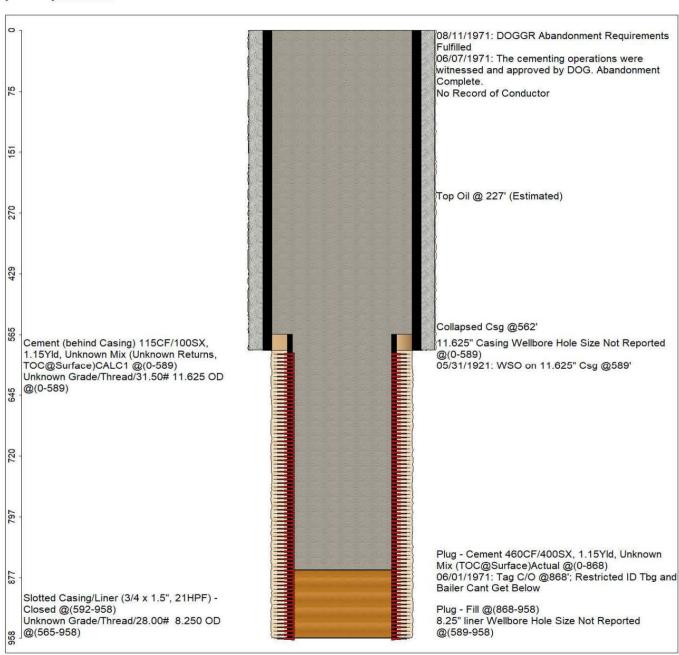
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[Lease] CRESTMONT [Well Name] ZCR 3 [Field] N/A
[Location] Crestmont/3 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402914969 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 01/03/1917 [Compl. Date] 01/03/1917 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/06/2019 [TD] 800.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



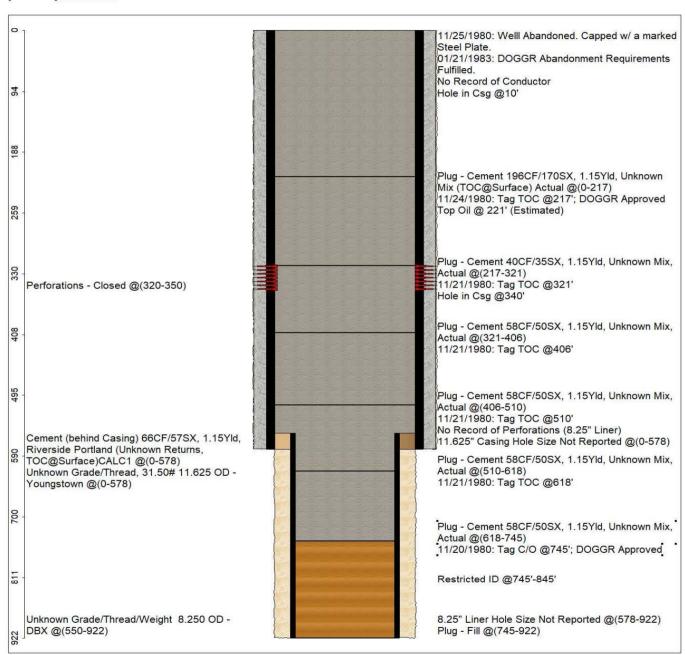
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 4
[Lease] CRESTMONT [Well Name] ZCR 4 [Field] N/A
[Location] Crestmont/4 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402914970 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 470.00 [Spud Date] 05/16/1921 [Compl. Date] 06/14/1921 [Well Depth Datum] Ground Level [Elevation (MSL)] 470.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 958.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



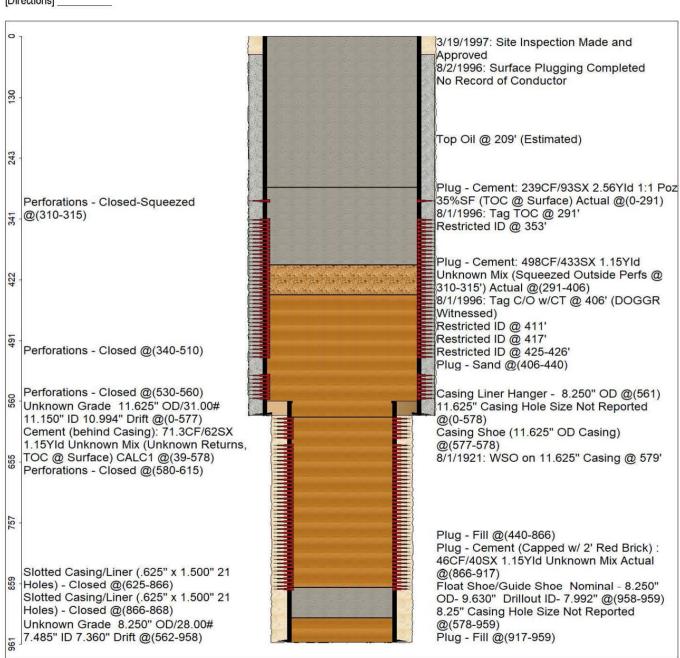
[DOGGR Lease Name] CRESTMONT 5 [DOGGR Well No.] 5
[Lease] CRESTMONT [Well Name] ZCR 5 [Field] N/A
[Location] CRESTMONT 5/5 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402914971 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 470.00 [Spud Date] 06/15/1921 [Compl. Date] 07/23/1921 [Well Depth Datum] Ground Level [Elevation (MSL)] 470.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/07/2019 [TD] 922.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



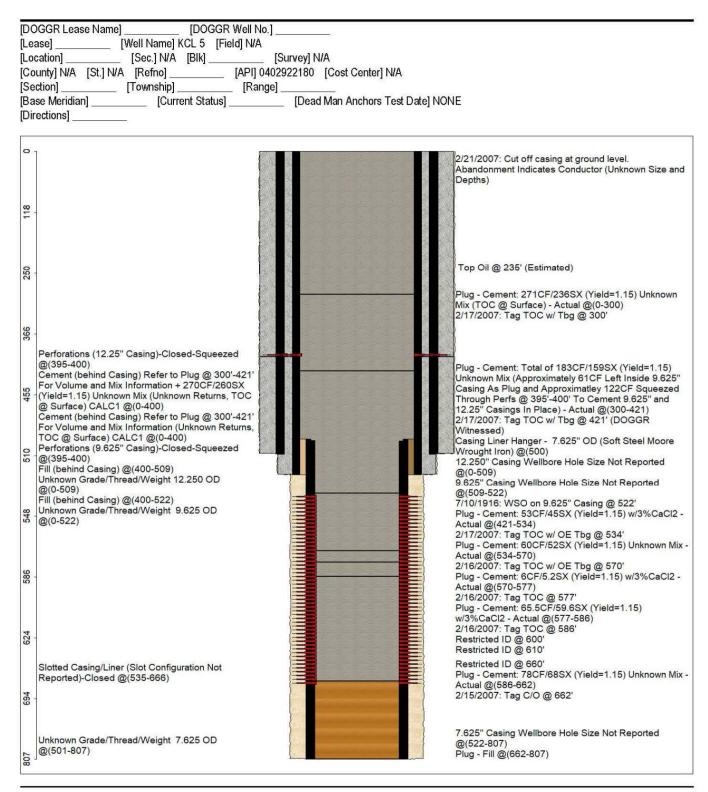
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[DOGGR Lease Name] Crestmont [DOGGR Well No.] 6
[Lease] CRESTMONT [Well Name] ZCR 6 [Field] KERN RIVER
[Location] Crestmont/6 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402914972 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______
```



[Ground Elevation (MSL)] 466.00 [Spud Date] 07/18/1921 [Compl. Date] 08/01/1921 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.00 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/13/2019 [TD] 959.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00

Wellbore Diagram: KCL 5

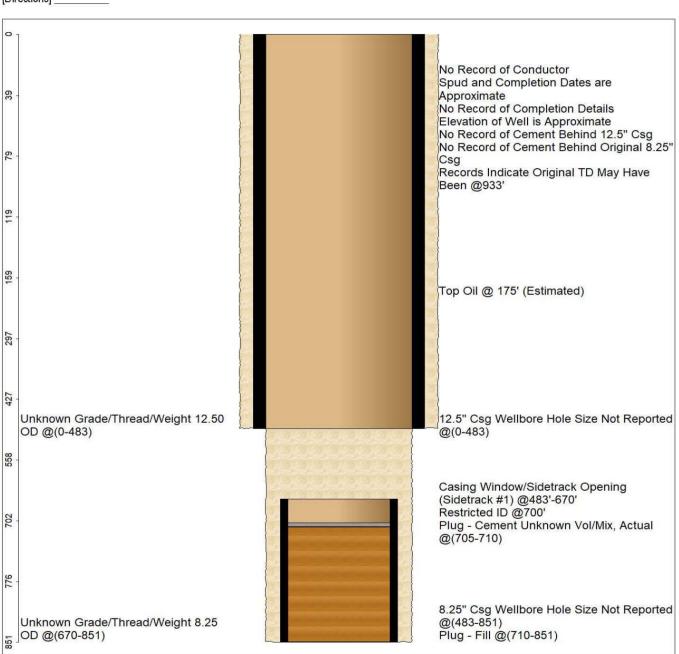




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[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 7
[Lease] HH&F SEC 9 [Well Name] ZH9 7 [Field] N/A
[Location] H.H. & F./7 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402924961 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 460.00 [Spud Date] 12/21/1916 [Compl. Date] 12/21/1916 [Well Depth Datum] Ground Level [Elevation (MSL)] 460.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/11/2019 [TD] 851.00 [PBTD] 705.00 [Platform Elev] 0.00 [Water Elev] 0.00



8.25" Wellbore Hole Size Not Reported

Plug - Moore Heaving Plug @(933-935)

@(580-935)

```
[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 7
[Lease] HH&F SEC 9 [Well Name] ZH9 7 [Field] N/A
                                            [Survey] N/A
[Location] H.H. & F./7 [Sec.] N/A [Blk]
[County] Kern [St.] California [Refno] _
                                            [API] 0402924961 [Cost Center] UCA522600
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]
                                                                               Sidetrack #1 on Approximately 06/01/1919
                                                                               Junk in Original Wellbore: 8.25" Csg
                                                                               @670'-851'; Plug Cmt @705'-710'; Plug Fill
@710'-851' TD @851'
2
                                                                               No Record of Conductor
                                                                               Spud and Completion Dates are
                                                                               Approximate
                                                                               Elevation of Well is Approximate
                                                                               No Record of Cement Behind 12.5" Csg
140
                                                                               Top Oil @ 175' (Estimated)
   Unknown Grade/Thread/Weight 9.625
   OD (with 12.5" Wall Packer) @(0-397)
   Unknown Grade/Thread/Weight 12.50
                                                                                12.5" Csg Wellbore Hole Size Not Reported
                                                                               @(0-483)
asing Window/Sidetrack Opening
   OD @(0-483)
                                                                               ($idetrack #2) @483'-515'
248
    @(515-580)
                                                                               05/28/1919: WSO on 9.625" Csg @580'
   Unknown Grade/Thread/ 22# Weight
                                                                               9.625" Csg Wellbore Hole Size Not
   9.625 OD @(515-580)
                                                                               Reported @(483-580)
Unknown Grade/Thread/Weight 9.625
                                                                               Restricted ID @596'
   OD @(515-580)
                                                                               Restricted ID @625'
   Cement (behind Casing) 69CF/60SX,
   1.15Yld, Unknown Mix (Unknown
   Returns, TOC@134')CALC1 @(515-580)
                                                                                Casing Window/Sidetrack Opening
                                                                                Sidetrack #1) @(483-670) Kick Off Point
                                                                               @(483)
   Perforations (3R, 0.75" X 1.5" holes) -
   Open @(596-700)
   Perforations (3R, 0.75" X 1.25") RePerf
   @692'-700' - Open @(596-700)
   Perforations (3R, 0.75" X 1.5") - Open
   @(933-935)
   Unknown Grade/Thread/Weight 8.25
```

[Ground Elevation (MSL)] 460.00 [Spud Date] 12/21/1916 [Compl. Date] 12/21/1916 [Well Depth Datum] Ground Level [Elevation (MSL)] 460.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/13/2019 [TD] 935.00 [PBTD] 933.00 [Platform Elev] 0.00 [Water Elev] 0.00

OD @(596-935)

က္က OD @(596-935)

Unknown Grade/Thread/Weight 8.25



[DOGGR Lease Name] H.H. & F. [DOGGR Well No.] 7

[Lease] HH&F SEC 9 [Well Name] ZH9 7 [Field] N/A

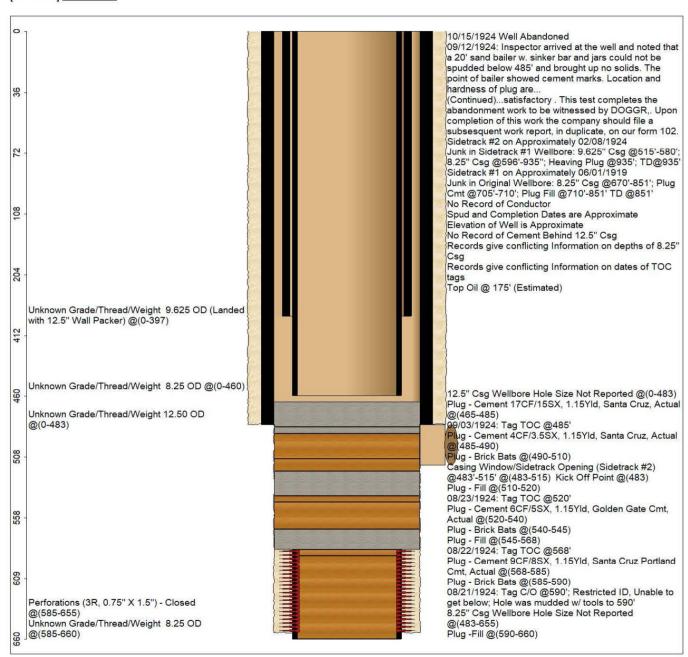
[Location] H.H. & F./7 [Sec.] N/A [Blk] ______ [Survey] N/A

[County] Kern [St.] California [Refno] _____ [API] 0402924961 [Cost Center] UCA522600

[Section] 9 [Township] 29S [Range] 28E

[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE

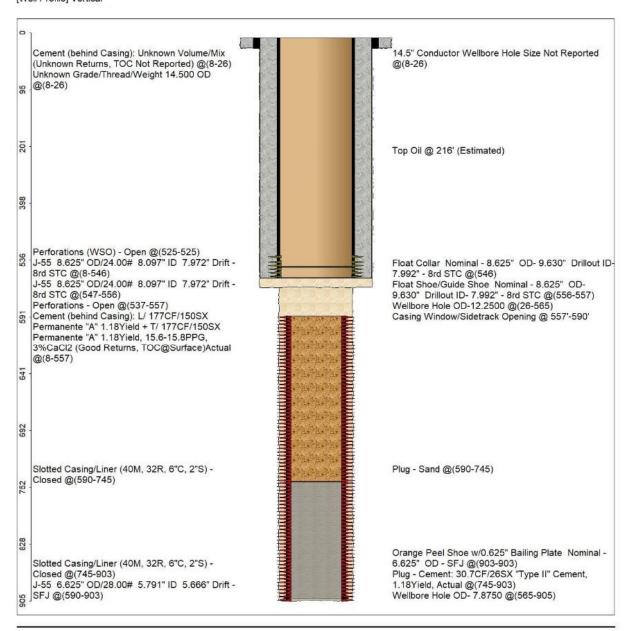
[Directions]



[Ground Elevation (MSL)] 460.00 [Spud Date] 12/21/1916 [Compl. Date] 12/21/1916 [Well Depth Datum] Ground Level [Elevation (MSL)] 460.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/14/2019 [TD] 655.00 [PBTD] 465.00 [Platform Elev] 0.00 [Water Elev] 0.00



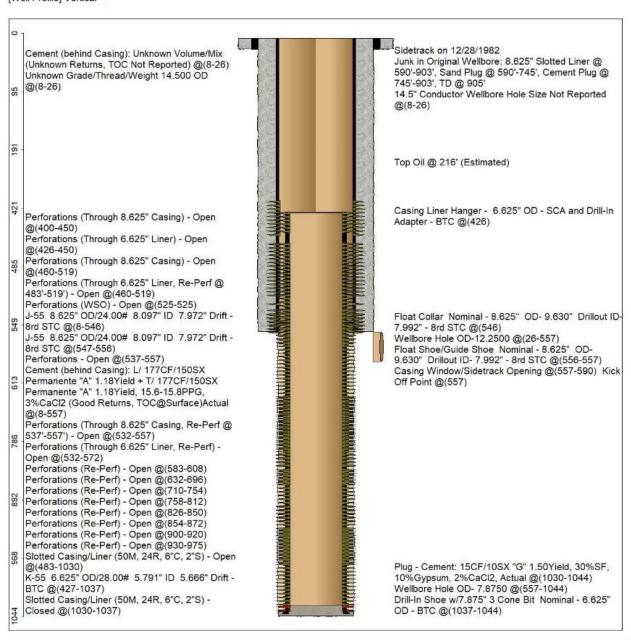
[DOGGR Lease Name] H.H. & F. [DOGGR Well No] 11
[Lease] HH&F SEC 9 [Well Name] H9 11 [Field] KERN RIVER
[Location] H.H. & F./11 [Sec] N/A [Blk] _______ [Survey] N/A
[County] Kem [St] California [Refno] 0 [API] 0402924963 [API12] 040292496300
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA522600
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



[Ground Elevation (MSL)] 478.00 [Spud Date] 03/27/1961 [Compl. Date] 04/01/1961 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 486.00 [Correction Factor] 8.00 [Last Updated by] shqp [Date] 04/24/2019 [TD] 905.00 [PBTD] 590.00 [Platform Elev] 8.00 [Water Elev] 0.00



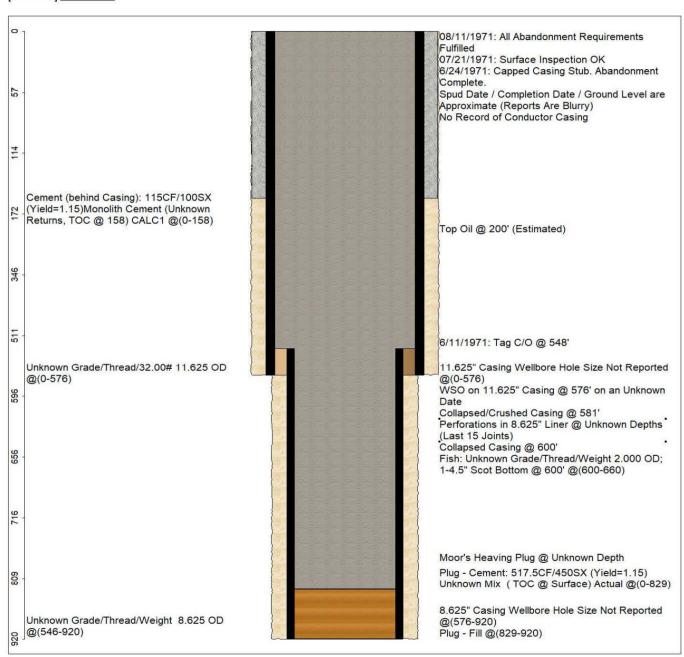
[DOGGR Lease Name] H.H. & F. [DOGGR Well No] 11
[Lease] HH&F SEC 9 [Well Name] H9 11 [Field] KERN RIVER
[Location] H.H. & F./11 [Sec] N/A [Blk] [Survey] N/A
[County] Kem [St] California [Refno] 0 [API] 0402924963 [API12] 040292496301
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA522600
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



[Ground Elevation (MSL)] 478.00 [Spud Date] 03/27/1961 [Compl. Date] 04/01/1961 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 486.00 [Correction Factor] 8.00 [Last Updated by] shop [Date] 04/24/2019 [TD] 1044.00 [PBTD] 1030.00 [Platform Elev] 8.00 [Water Elev] 0.00



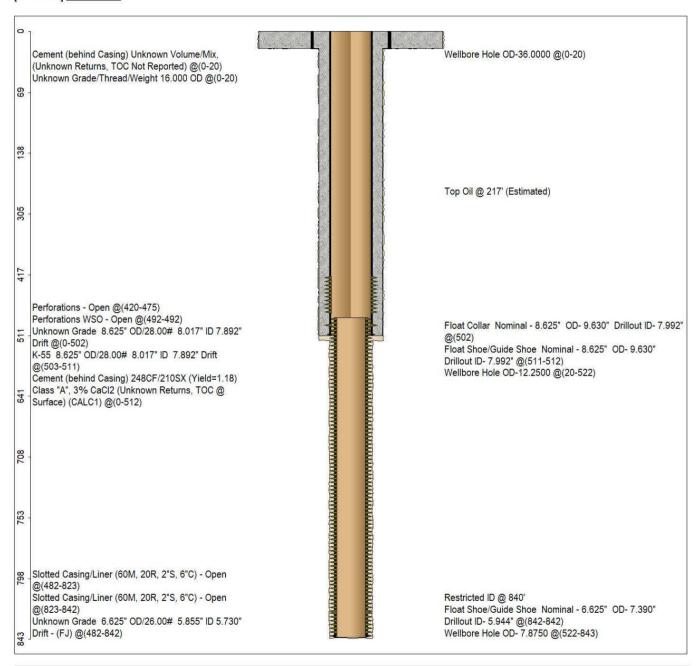
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 1
[Lease] E.P. THOMAS / ALLADIN [Well Name] ZALA 1 [Field] N/A
[Location] Aladdin/1 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402930446 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 430.00 [Spud Date] 03/22/1921 [Compl. Date] 05/23/1921 [Well Depth Datum] Ground Level [Elevation (MSL)] 430.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/11/2019 [TD] 920.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



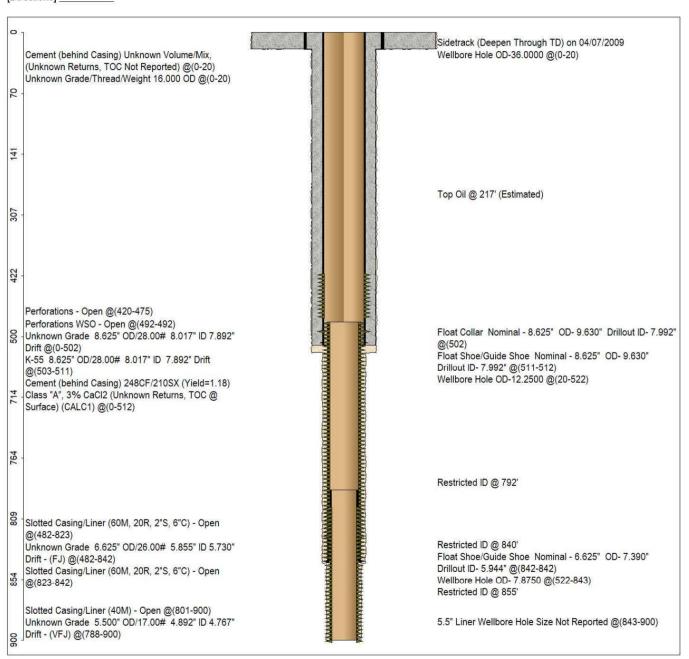
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 3
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 3 [Field] KERN RIVER
[Location] Aladdin/3 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930447 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 456.72 [Spud Date] 11/10/1960 [Compl. Date] 11/16/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 456.72 [Correction Factor] 0.00 [Last Updated by] fdhl [Date] 03/07/2019 [TD] 843.00 [PBTD] 842.00 [Platform Elev] 0.00 [Water Elev] 0.00



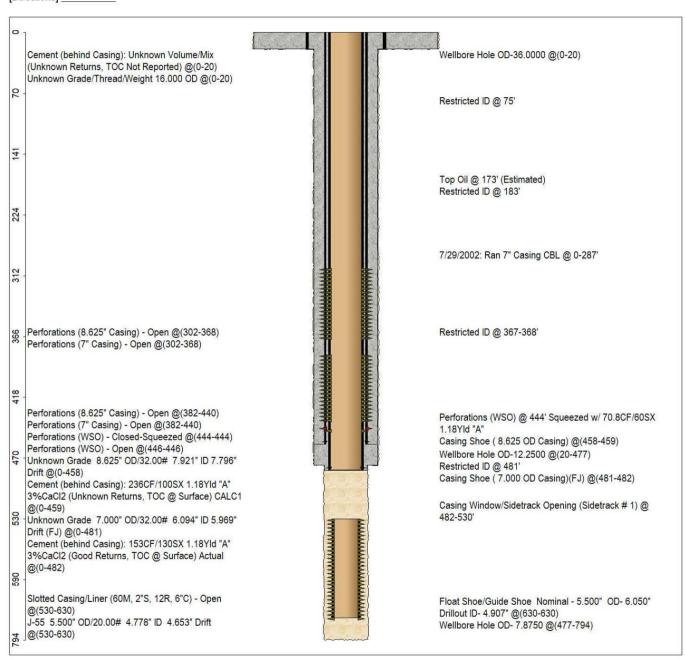
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 3
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 3 [Field] KERN RIVER
[Location] Aladdin/3 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930447 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 456.72 [Spud Date] 11/10/1960 [Compl. Date] 11/16/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 456.72 [Correction Factor] 0.00 [Last Updated by] fdhl [Date] 03/07/2019 [TD] 900.00 [PBTD] 900.00 [Platform Elev] 0.00 [Water Elev] 0.00



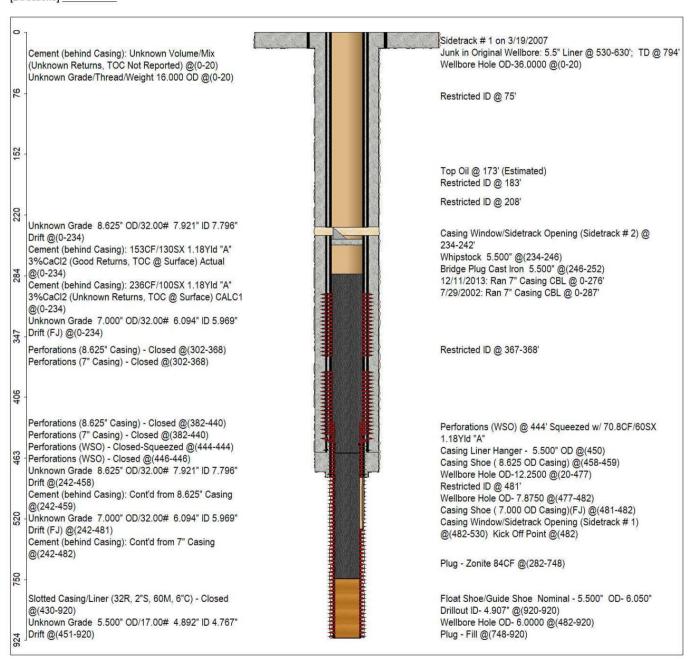
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 4
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 4 [Field] KERN RIVER
[Location] Aladdin/4 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930448 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 457.02 [Spud Date] 11/11/1960 [Compl. Date] 11/19/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 457.02 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 794.00 [PBTD] 629.50 [Platform Elev] 0.00 [Water Elev] 0.00



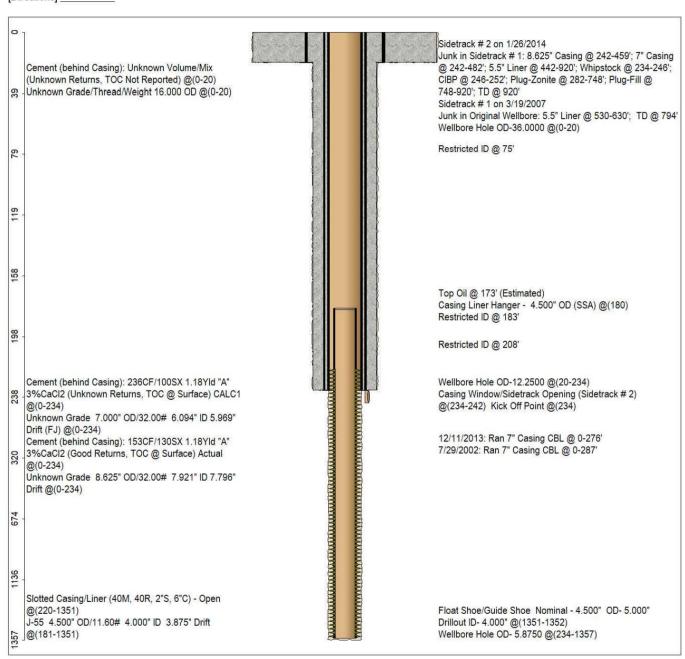
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 4
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 4 [Field] KERN RIVER
[Location] Aladdin/4 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930448 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 457.02 [Spud Date] 11/11/1960 [Compl. Date] 11/19/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 457.02 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 920.00 [PBTD] 282.00 [Platform Elev] 0.00 [Water Elev] 0.00



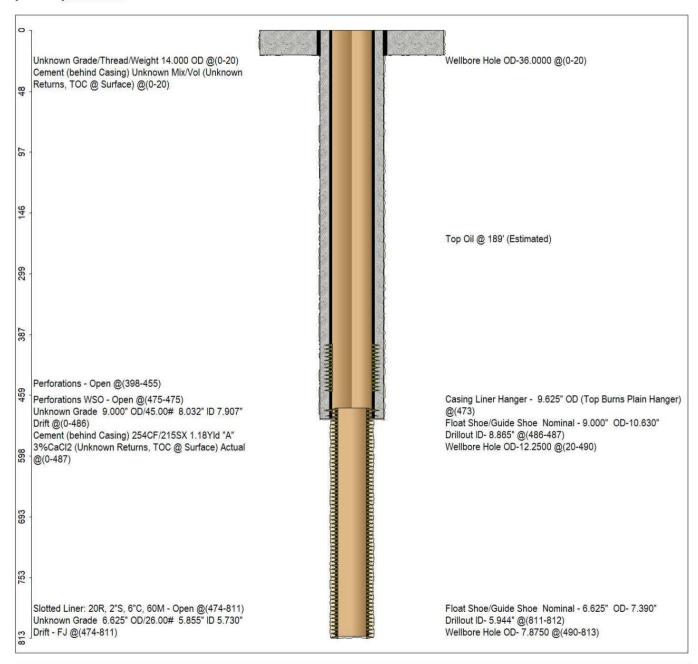
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 4
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 4 [Field] KERN RIVER
[Location] Aladdin/4 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930448 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 457.02 [Spud Date] 11/11/1960 [Compl. Date] 11/19/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 457.02 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 1357.00 [PBTD] 1351.00 [Platform Elev] 0.00 [Water Elev] 0.00



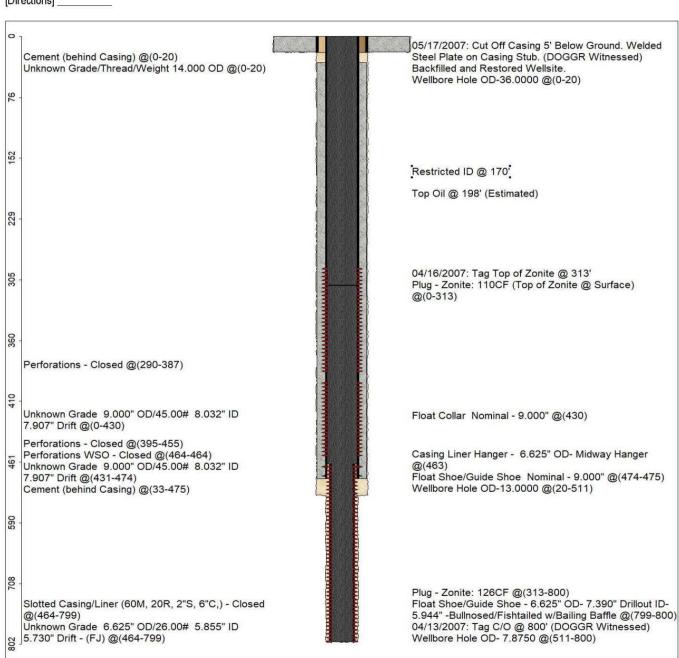
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 5
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 5 [Field] KERN RIVER
[Location] Aladdin/5 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930449 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 457.75 [Spud Date] 04/16/1961 [Compl. Date] 04/20/1961 [Well Depth Datum] Ground Level [Elevation (MSL)] 457.75 [Correction Factor] 0.00 [Last Updated by] Igay [Date] 03/13/2019 [TD] 813.20 [PBTD] 811.20 [Platform Elev] 0.00 [Water Elev] 0.00



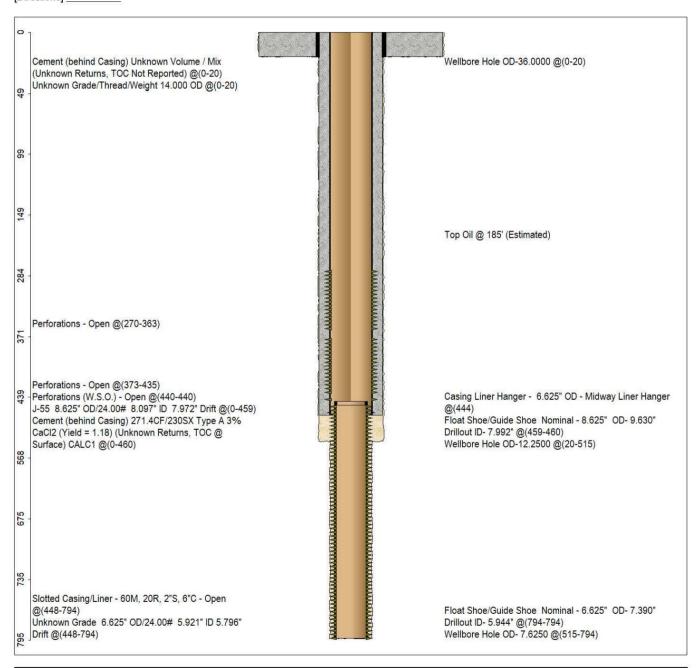
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 6
[Lease] E.P. THOMAS / ALLADIN [Well Name] ZALA 6 [Field] KERN RIVER
[Location] Aladdin/6 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402930450 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 456.39 [Spud Date] 08/25/1961 [Compl. Date] 08/29/1961 [Well Depth Datum] Ground Level [Elevation (MSL)] 456.39 [Correction Factor] 0.00 [Last Updated by] rbar [Date] 03/11/2019 [TD] 800.02 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



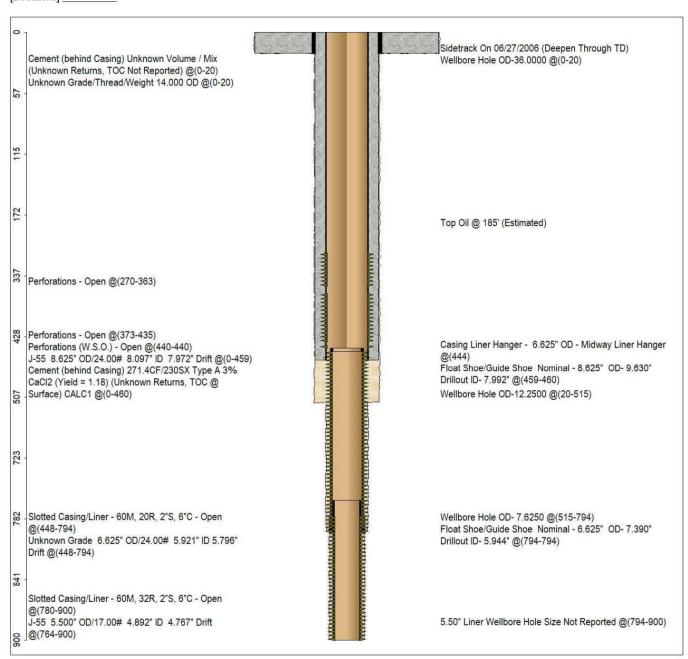
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 7
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 7 [Field] KERN RIVER
[Location] Aladdin/7 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930451 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 454.23 [Spud Date] 02/09/1962 [Compl. Date] 02/18/1962 [Well Depth Datum] Ground Level [Elevation (MSL)] 454.23 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/05/2019 [TD] 794.00 [PBTD] 793.51 [Platform Elev] 0.00 [Water Elev] 0.00



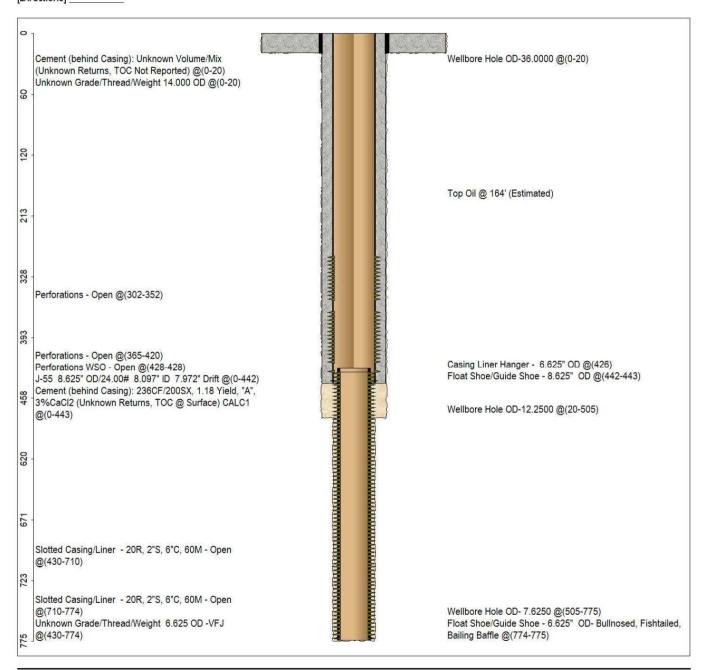
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 7
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 7 [Field] KERN RIVER
[Location] Aladdin/7 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930451 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 454.23 [Spud Date] 02/09/1962 [Compl. Date] 02/18/1962 [Well Depth Datum] Ground Level [Elevation (MSL)] 454.23 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/05/2019 [TD] 900.00 [PBTD] 900.00 [Platform Elev] 0.00 [Water Elev] 0.00



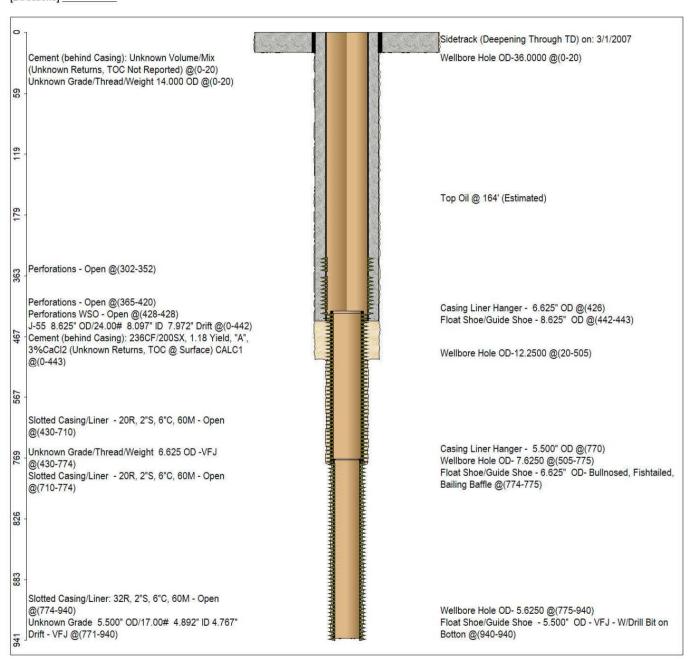
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 8
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 8 [Field] KERN RIVER
[Location] Aladdin/8 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930452 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 449.00 [Spud Date] 02/06/1962 [Compl. Date] 02/12/1962 [Well Depth Datum] Ground Level [Elevation (MSL)] 449.00 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 12/21/2018 [TD] 775.00 [PBTD] 774.00 [Platform Elev] 0.00 [Water Elev] 0.00



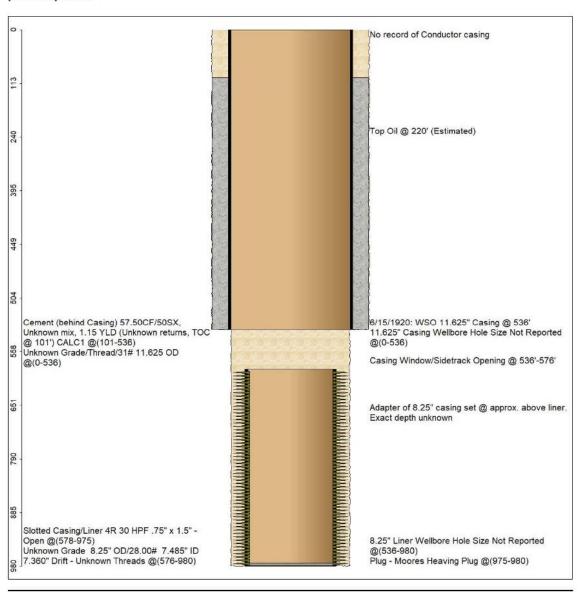
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 8
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 8 [Field] KERN RIVER
[Location] Aladdin/8 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930452 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 449.00 [Spud Date] 02/06/1962 [Compl. Date] 02/12/1962 [Well Depth Datum] Ground Level [Elevation (MSL)] 449.00 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 12/21/2018 [TD] 940.00 [PBTD] 939.50 [Platform Elev] 0.00 [Water Elev] 0.00

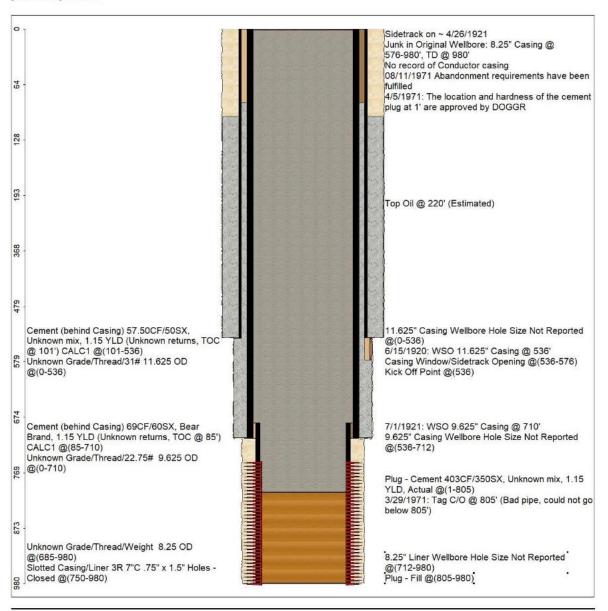


[DOGGR Lease Name] Junction [DOGGR Well No] 19
[Lease] JUNCTION [Well Name] ZJUN 19 [Field] N/A
[Location] Junction/19 [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] ______ [API] 0402930473 [API12] 040293047300
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ______ [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



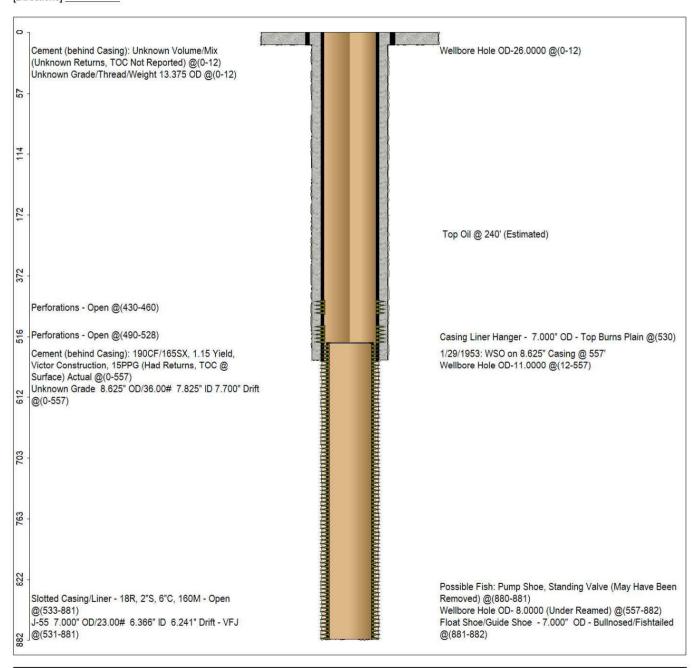


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[DOGGR Lease Name] Junction [DOGGR Well No] 19
[Lease] JUNCTION [Well Name] ZJUN 19 [Field] N/A
[Location] Junction/19 [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kem [St] California [Refno] _____ [API] 0402930473 [API12] 040293047301
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] _____ [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical
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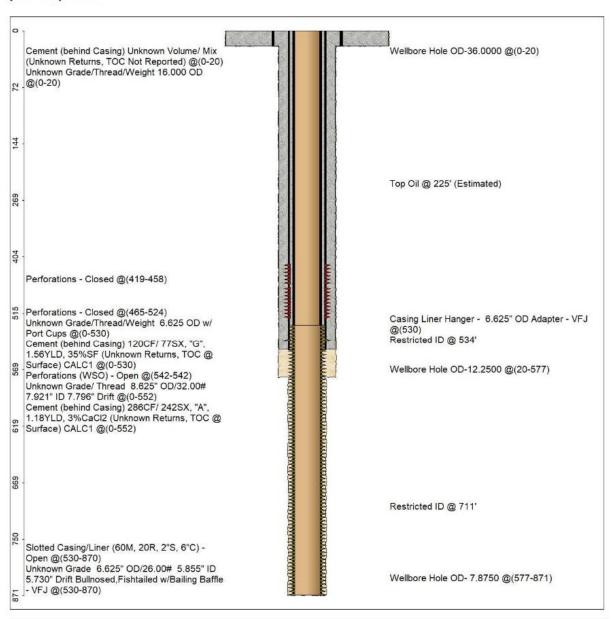
[DOGGR Lease Name] Junction [DOGGR Well No.] 25
[Lease] JUNCTION [Well Name] JUN 25 [Field] KERN RIVER
[Location] Junction/25 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930479 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 466.16 [Spud Date] 01/27/1953 [Compl. Date] 01/30/1953 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.16 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 03/07/2019 [TD] 882.00 [PBTD] 881.00 [Platform Elev] 0.00 [Water Elev] 0.00



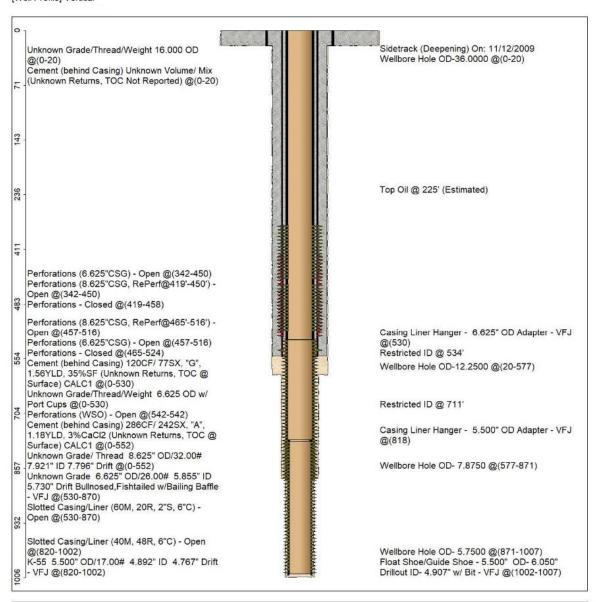
[DOGGR Lease Name] Junction [DOGGR Well No] 34
[Lease] JUNCTION [Well Name] JUN 34 [Field] KERN RIVER
[Location] Junction/34 [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] 0 [API] 0402930487 [API12] 040293048700
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



[Ground Elevation (MSL)] 472.99 [Spud Date] 11/15/1960 [Compl. Date] 11/22/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 472.99 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 04/25/2019 [TD] 871.00 [PBTD] 870.00 [Platform Elev] 0.01 [Water Elev] 0.00



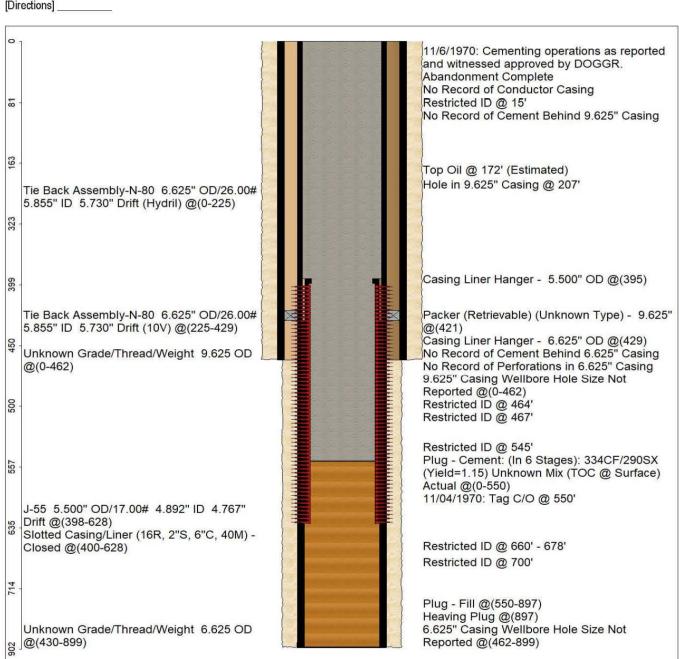
[DOGGR Lease Name] Junction [DOGGR Well No] 34
[Lease] JUNCTION [Well Name] JUN 34 [Field] KERN RIVER
[Location] Junction/34 [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] 0 [API] 0402930487 [API12] 040293048700
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



[Ground Elevation (MSL)] 472.99 [Spud Date] 11/15/1960 [Compl. Date] 11/22/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 472.99 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 04/25/2019 [TD] 1007.00 [PBTD] 1002.00 [Platform Elev] 0.01 [Water Elev] 0.00



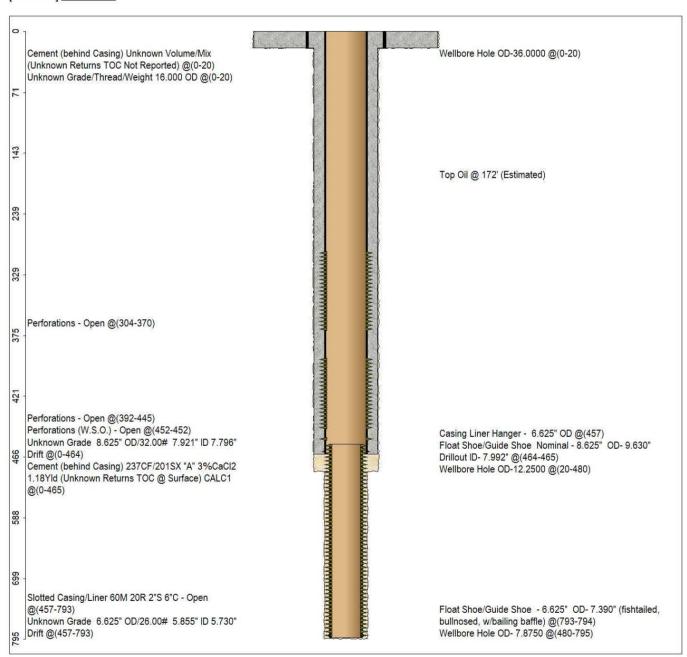
[DOGGR Lease Name] Thomas [DOGGR Well No.] 7
[Lease] E.P. THOMAS / ALLADIN [Well Name] ZTH 7 [Field] N/A
[Location] Thomas/7 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402930504 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 477.00 [Spud Date] 01/09/1914 [Compl. Date] 03/12/1914 [Well Depth Datum] Ground Level [Elevation (MSL)] 477.00 [Correction Factor] 0.00 [Last Updated by] rysp [Date] 03/13/2019 [TD] 899.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



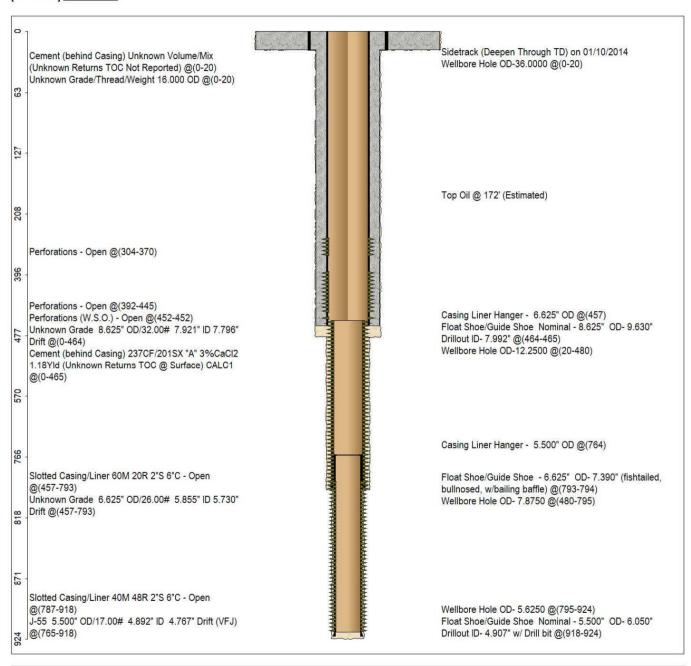
[DOGGR Lease Name] Thomas [DOGGR Well No.] 11
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 11 [Field] KERN RIVER
[Location] Thomas/11 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930508 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 467.00 [Spud Date] 11/13/1960 [Compl. Date] 11/19/1960 [Well Depth Datum] Ground Level [Elevation (MSL)] 467.00 [Correction Factor] 0.00 [Last Updated by] hxmh [Date] 03/12/2019 [TD] 795.00 [PBTD] 793.00 [Platform Elev] 0.01 [Water Elev] 0.00



[DOGGR Lease Name] Thomas [DOGGR Well No.] 11
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 11 [Field] KERN RIVER
[Location] Thomas/11 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402930508 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]

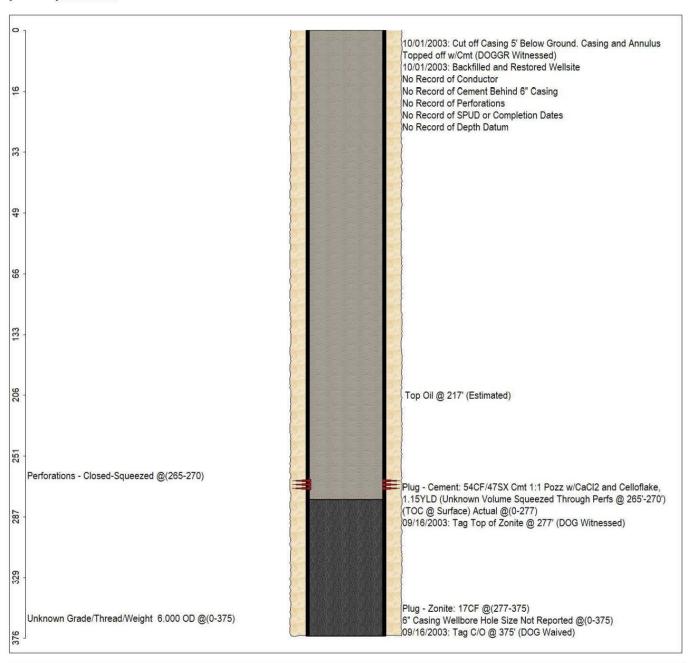


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Chevron U.S.A. Inc. Wellbore Diagram: ZCRW 1_01



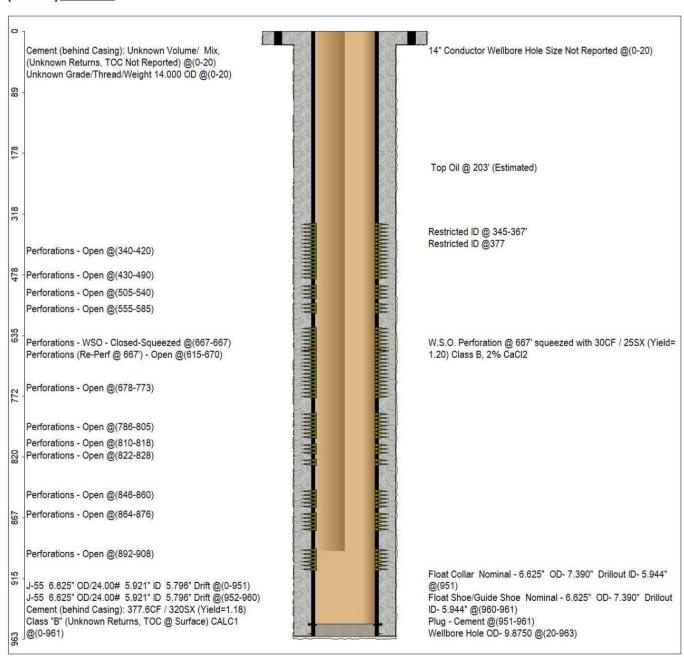
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 1
[Lease] CRESTMONT [Well Name] ZCRW 1_01 [Field] N/A
[Location] Crestmont/1 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0402932875 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 466.70 [Spud Date] 09/04/2003 [Compl. Date] 09/04/2003 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.70 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/20/2019 [TD] 375.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



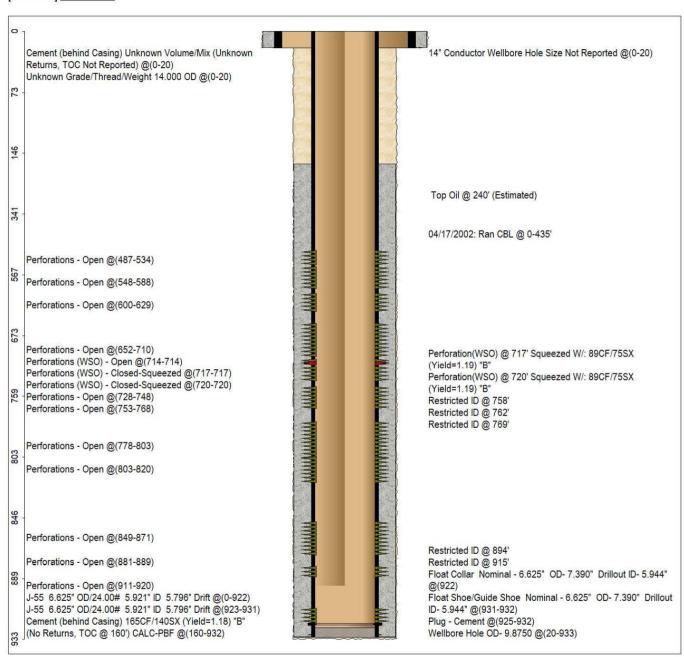
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 9
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 9 [Field] KERN RIVER
[Location] Aladdin/9 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402940419 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 461.00 [Spud Date] 07/15/1967 [Compl. Date] 07/19/1967 [Well Depth Datum] Ground Level [Elevation (MSL)] 461.00 [Correction Factor] 0.00 [Last Updated by] bazd [Date] 03/12/2019 [TD] 963.00 [PBTD] 951.00 [Platform Elev] 0.01 [Water Elev] 0.00



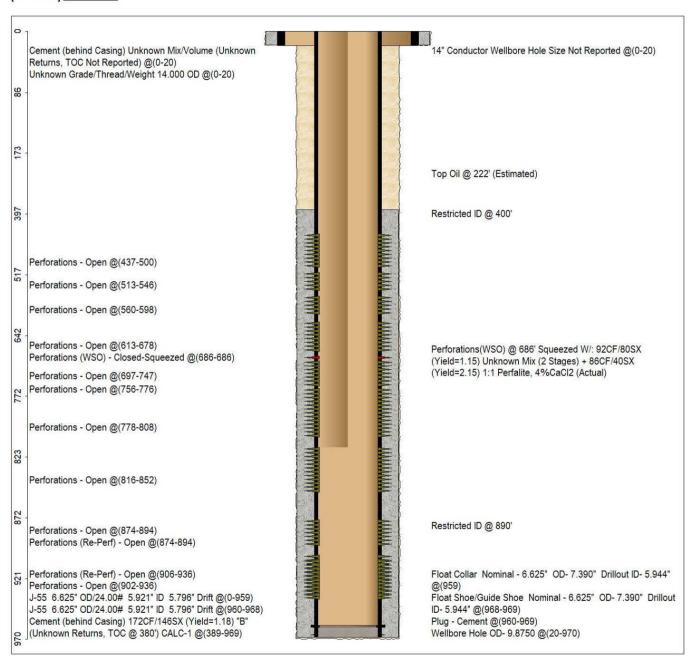
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 7
[Lease] CRESTMONT [Well Name] CR 7 [Field] KERN RIVER
[Location] Crestmont/7 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402942113 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 463.40 [Spud Date] 04/25/1968 [Compl. Date] 05/23/1968 [Well Depth Datum] Ground Level [Elevation (MSL)] 463.40 [Correction Factor] 0.00 [Last Updated by] covm [Date] 03/12/2019 [TD] 933.00 [PBTD] 925.00 [Platform Elev] 0.00 [Water Elev] 0.00



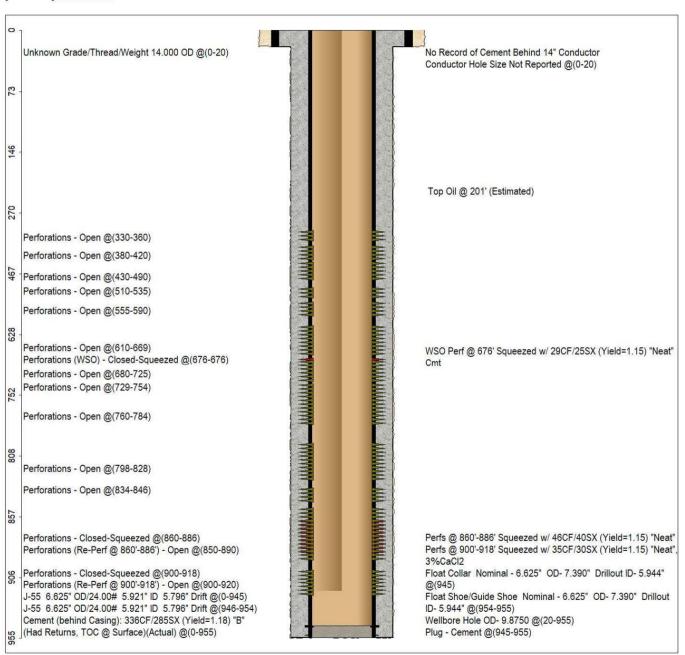
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 8
[Lease] CRESTMONT [Well Name] CR 8 [Field] KERN RIVER
[Location] Crestmont/8 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402942114 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 459.80 [Spud Date] 04/27/1968 [Compl. Date] 05/25/1968 [Well Depth Datum] Ground Level [Elevation (MSL)] 459.80 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 970.00 [PBTD] 960.00 [Platform Elev] 0.00 [Water Elev] 0.00



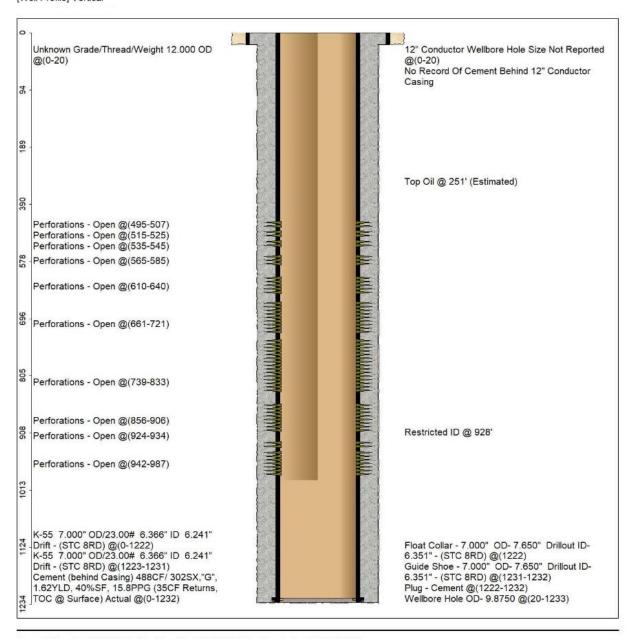
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 9
[Lease] CRESTMONT [Well Name] CR 9 [Field] KERN RIVER
[Location] Crestmont/9 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402942123 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 465.00 [Spud Date] 04/29/1968 [Compl. Date] 05/12/1968 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] mefj [Date] 03/06/2019 [TD] 955.00 [PBTD] 945.00 [Platform Elev] 0.00 [Water Elev] 0.00



[DOGGR Lease Name] Junction [DOGGR Well No] 74
[Lease] JUNCTION [Well Name] JUN 74 [Field] KERN RIVER
[Location] Junction/74 [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] 0 [API] 0402955744 [API12] 040295574400
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical

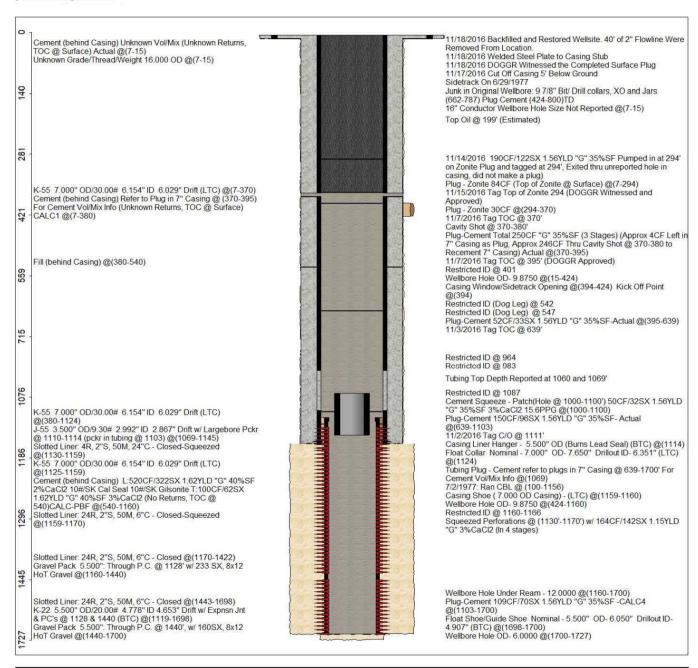


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Chevron U.S.A. Inc. Wellbore Diagram: ZH9 D 2-9



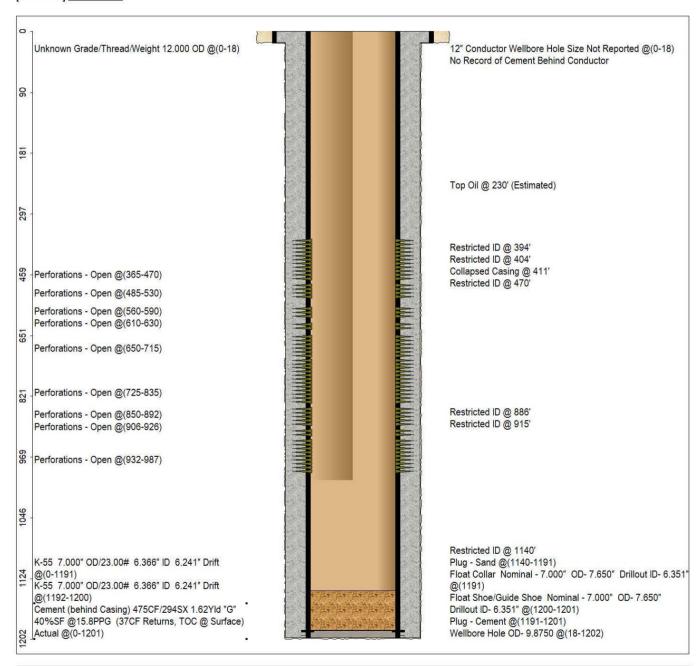
[DOGGR Lease Name] H.H. & F. [DOGGR Well No] 2D
[Lease] HH&F SEC 9 [Well Name] ZH9 D 2- 9 [Field] KERN RIVER
[Location] H.H. & F./2D [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] 0 [API] 0402955750 [API12] 040295575001
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA522600
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Vertical



[Ground Elevation (MSL)] 474.27 [Spud Date] 06/25/1977 [Compl. Date] 07/06/1977 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 481.27 [Correction Factor] 7.00 [Last Updated by] ckrx [Date] 04/19/2019 [TD] 1727.00 [PBTD] 7.00 [Platform Elev] 7.00 [Water Elev] 0.00



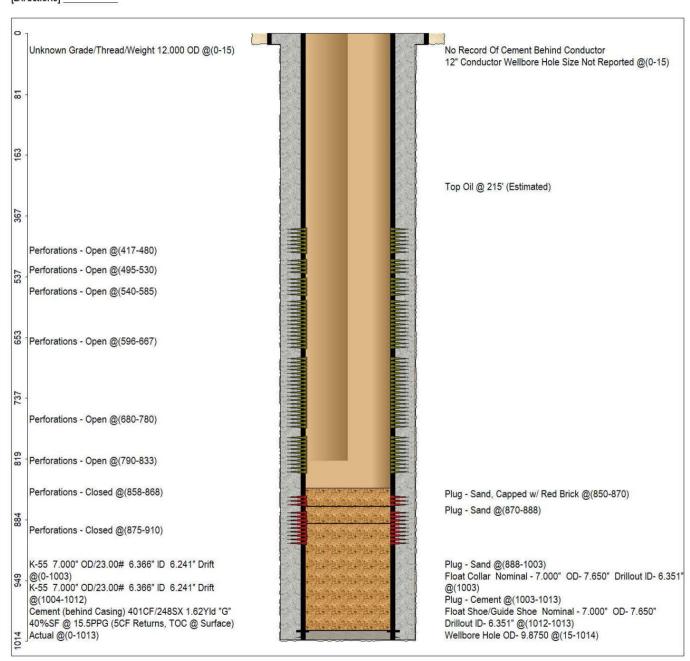
[DOGGR Lease Name] Junction [DOGGR Well No.] 70
[Lease] JUNCTION [Well Name] JUN 70 [Field] KERN RIVER
[Location] Junction/70 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402956077 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 472.00 [Spud Date] 08/15/1977 [Compl. Date] 09/01/1977 [Well Depth Datum] Ground Level [Elevation (MSL)] 472.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/18/2019 [TD] 1202.00 [PBTD] 1140.00 [Platform Elev] 0.00 [Water Elev] 0.00



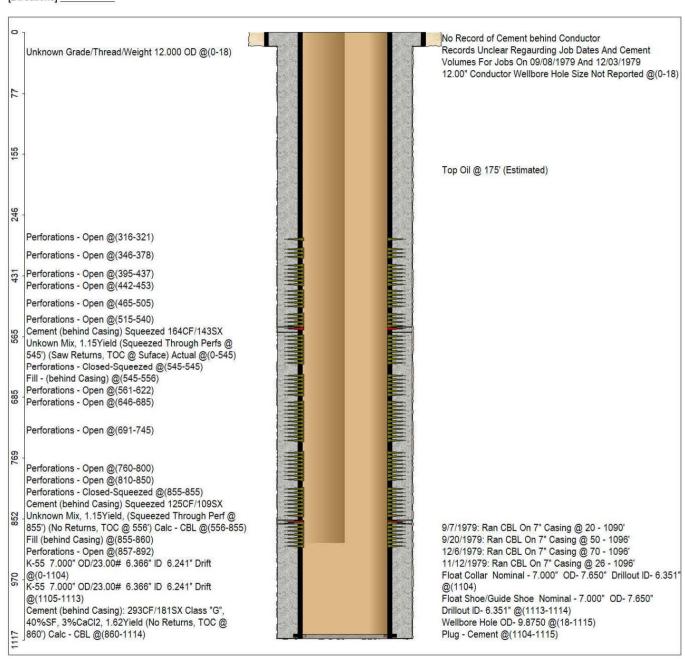
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 14
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 14 [Field] KERN RIVER
[Location] Aladdin/14 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402956712 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 454.00 [Spud Date] 01/07/1978 [Compl. Date] 02/03/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 454.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/13/2019 [TD] 1014.00 [PBTD] 850.00 [Platform Elev] 0.00 [Water Elev] 0.00



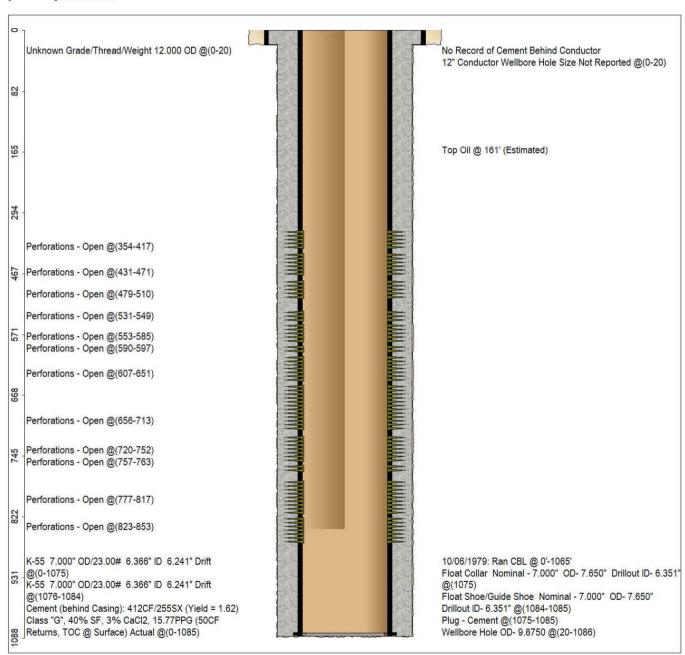
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[DOGGR Lease Name] Thomas [DOGGR Well No.] 18
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 18 [Field] KERN RIVER
[Location] Thomas/18 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957322 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]
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[Ground Elevation (MSL)] 465.00 [Spud Date] 09/05/1979 [Compl. Date] 01/08/1980 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] eczg [Date] 03/13/2019 [TD] 1115.00 [PBTD] 1104.00 [Platform Elev] 0.00 [Water Elev] 0.00



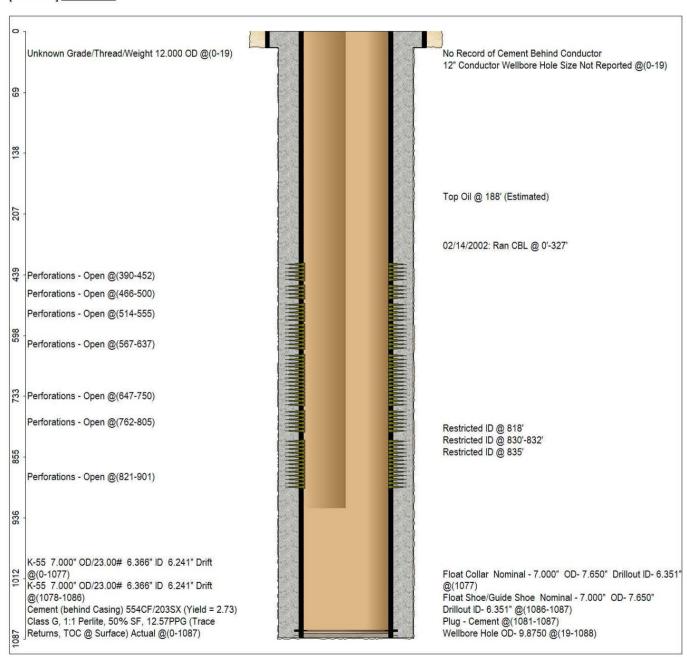
[DOGGR Lease Name] Thomas [DOGGR Well No.] 19
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 19 [Field] KERN RIVER
[Location] Thomas/19 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957323 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 456.00 [Spud Date] 09/06/1979 [Compl. Date] 10/09/1979 [Well Depth Datum] Ground Level [Elevation (MSL)] 456.00 [Correction Factor] 0.00 [Last Updated by] ajju [Date] 03/05/2019 [TD] 1086.00 [PBTD] 1075.00 [Platform Elev] 0.00 [Water Elev] 0.00



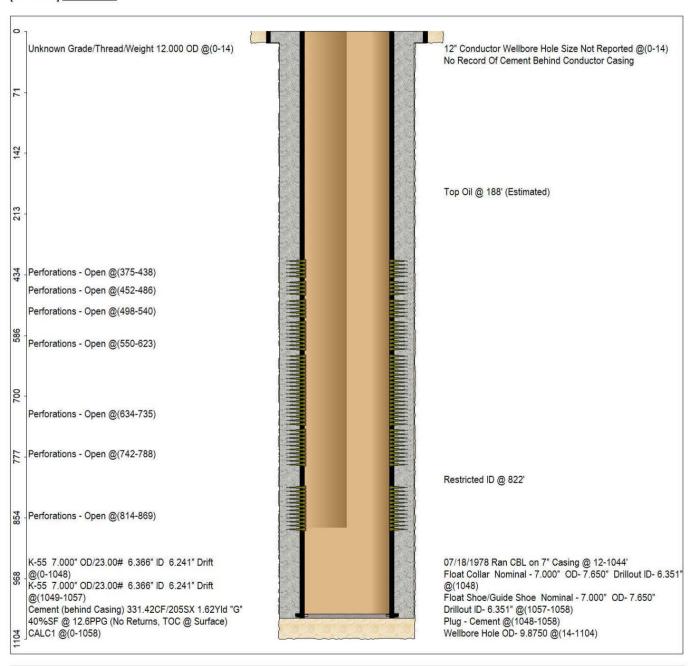
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 12
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 12 [Field] KERN RIVER
[Location] Aladdin/12 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957324 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 448.00 [Spud Date] 07/11/1978 [Compl. Date] 08/04/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 448.00 [Correction Factor] 0.00 [Last Updated by] rysp [Date] 03/07/2019 [TD] 1088.00 [PBTD] 1081.00 [Platform Elev] 0.00 [Water Elev] 0.00



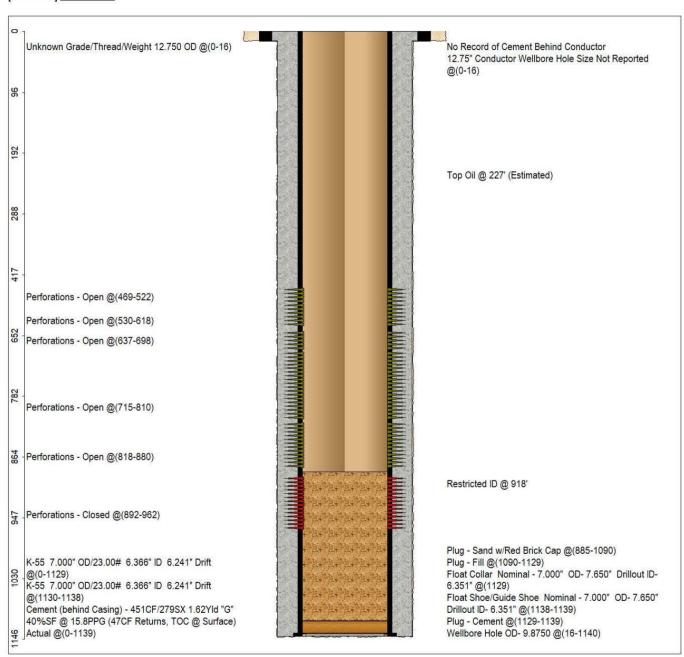
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 13
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 13 [Field] KERN RIVER
[Location] Aladdin/13 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957325 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 444.00 [Spud Date] 07/12/1978 [Compl. Date] 08/04/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 444.00 [Correction Factor] 0.00 [Last Updated by] Igay [Date] 03/05/2019 [TD] 1104.00 [PBTD] 1048.00 [Platform Elev] 0.00 [Water Elev] 0.00



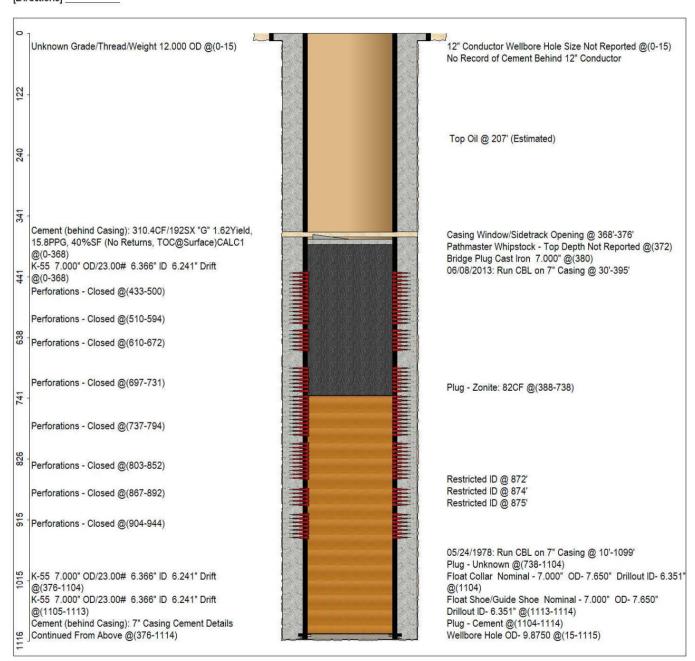
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 10
[Lease] CRESTMONT [Well Name] CR 10 [Field] KERN RIVER
[Location] Crestmont/10 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957327 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 05/02/1978 [Compl. Date] 06/05/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/14/2019 [TD] 1140.00 [PBTD] 885.00 [Platform Elev] 0.00 [Water Elev] 0.00



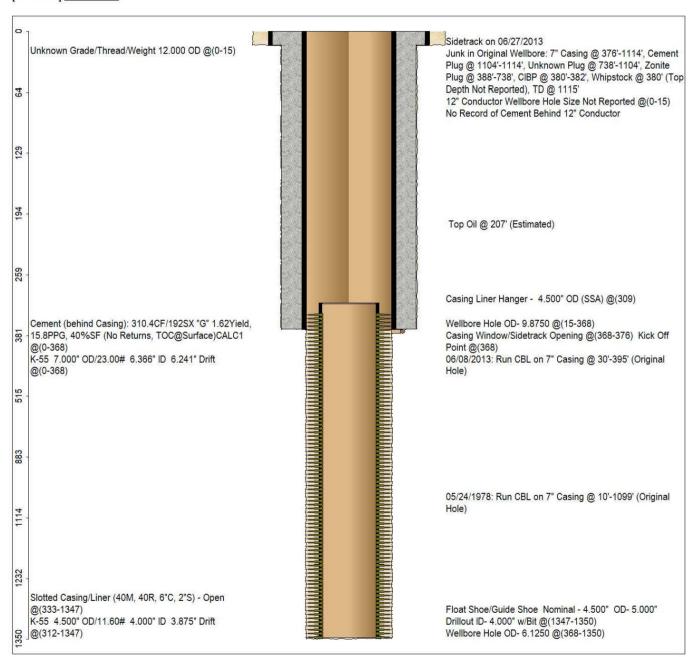
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 11
[Lease] CRESTMONT [Well Name] CR 11 [Field] KERN RIVER
[Location] Crestmont/11 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957328 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 05/15/1978 [Compl. Date] 06/10/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/08/2019 [TD] 1115.00 [PBTD] 388.00 [Platform Elev] 0.00 [Water Elev] 0.00



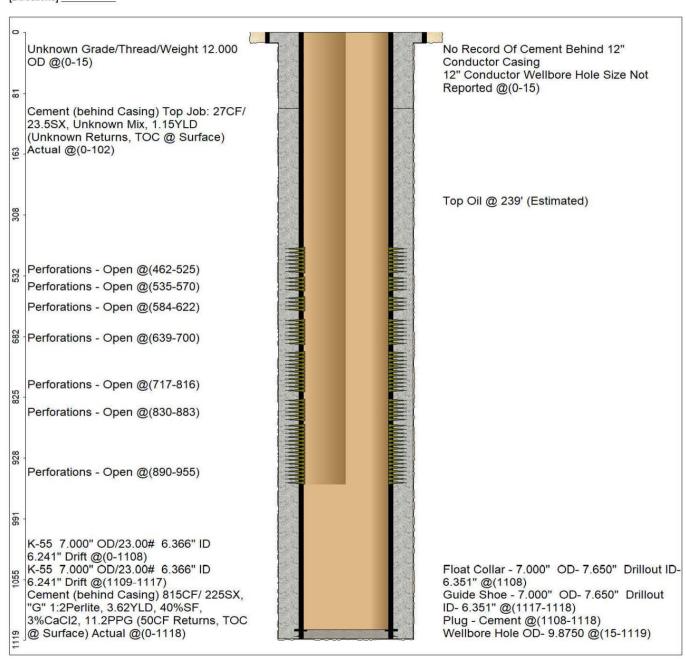
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 11
[Lease] CRESTMONT [Well Name] CR 11 [Field] KERN RIVER
[Location] Crestmont/11 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957328 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 05/15/1978 [Compl. Date] 06/10/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/08/2019 [TD] 1350.00 [PBTD] 1347.00 [Platform Elev] 0.00 [Water Elev] 0.00



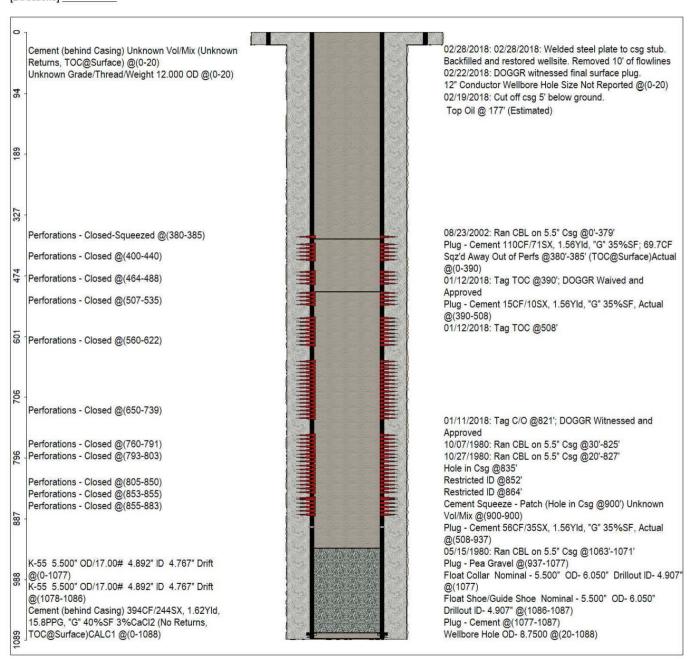
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 12
[Lease] CRESTMONT [Well Name] CR 12 [Field] KERN RIVER
[Location] Crestmont/12 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957329 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 464.00 [Spud Date] 05/03/1978 [Compl. Date] 05/30/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 464.00 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 03/06/2019 [TD] 1119.00 [PBTD] 1108.00 [Platform Elev] 0.00 [Water Elev] 0.00



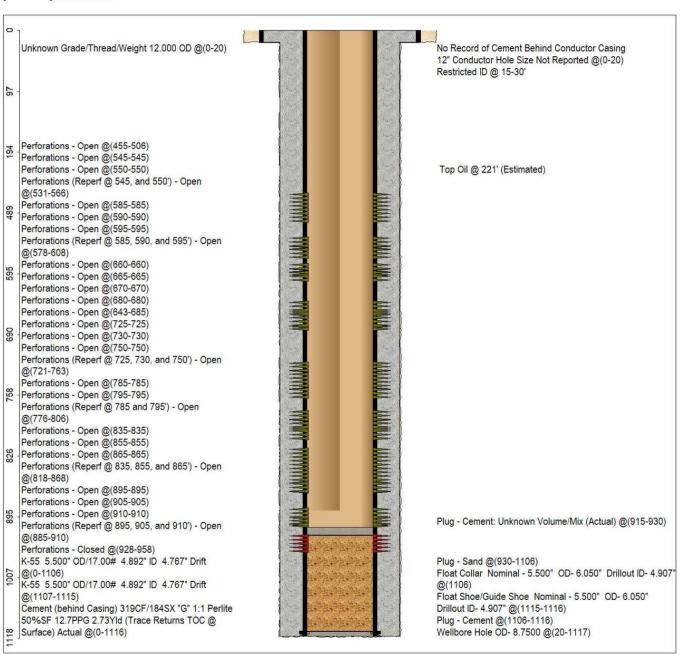
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 500
[Lease] E.P. THOMAS / ALLADIN [Well Name] ZALA 500 [Field] KERN RIVER
[Location] Aladdin/500 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957415 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 448.00 [Spud Date] 09/08/1979 [Compl. Date] 05/30/1980 [Well Depth Datum] Ground Level [Elevation (MSL)] 448.00 [Correction Factor] 0.00 [Last Updated by] ewae [Date] 03/05/2019 [TD] 1088.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



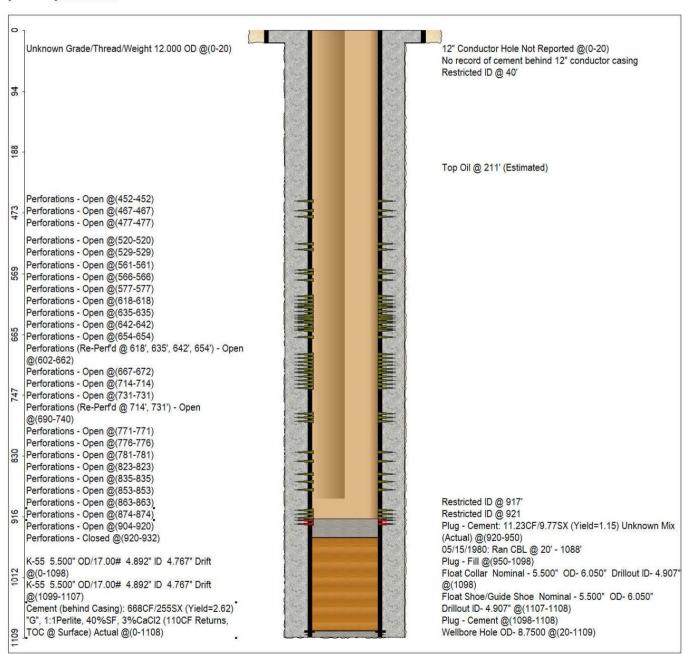
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[DOGGR Lease Name] Crestmont [DOGGR Well No.] 502
[Lease] CRESTMONT [Well Name] CR 502 [Field] KERN RIVER
[Location] Crestmont/502 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957421 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____
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[Ground Elevation (MSL)] 462.00 [Spud Date] 07/06/1978 [Compl. Date] 07/24/1978 [Well Depth Datum] Ground Level [Elevation (MSL)] 462.00 [Correction Factor] 0.00 [Last Updated by] bazd [Date] 03/12/2019 [TD] 1117.00 [PBTD] 915.00 [Platform Elev] 0.00 [Water Elev] 0.00



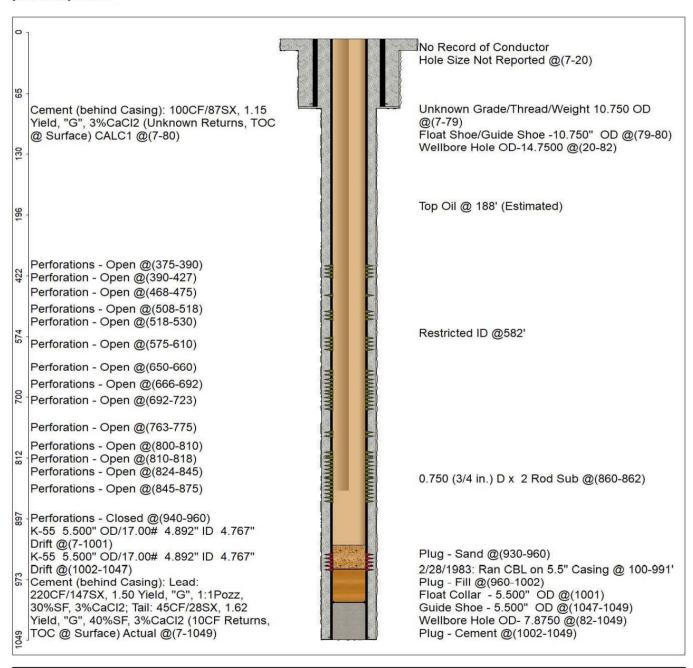
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[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 503 [Field] KERN RIVER
[Location] Aladdin/503 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402957422 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 459.00 [Spud Date] 05/04/1980 [Compl. Date] 06/06/1980 [Well Depth Datum] Ground Level [Elevation (MSL)] 459.00 [Correction Factor] 0.00 [Last Updated by] rysp [Date] 03/11/2019 [TD] 1109.00 [PBTD] 920.00 [Platform Elev] 0.00 [Water Elev] 0.00



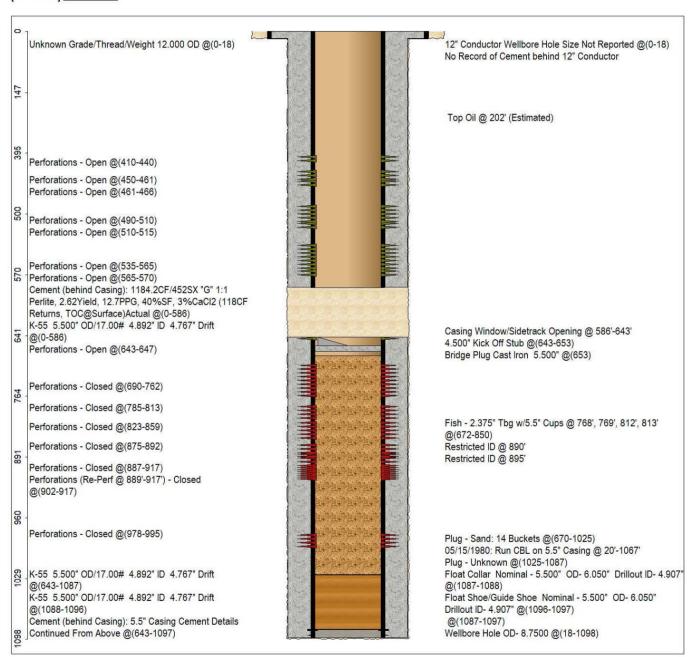
[DOGGR Lease Name] Kem County Land Co. Lease 39 [DOGGR Well No] 250-9 [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 250 [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/250-9 [Sec] N/A [Blk] ______ [Survey] N/A [County] Kern [St] California [Refno] 0 [API] 0402958930 [API12] 040295893000 [Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA523000 [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Well Profile] Vertical



[Ground Elevation (MSL)] 447.00 [Spud Date] 01/03/1983 [Compl. Date] 04/27/1983 [Well Depth Datum] Derrick Floor [Elevation (MSL)] 454.00 [Correction Factor] 7.00 [Last Updated by] ckrx [Date] 04/18/2019 [TD] 1049.00 [PBTD] 930.00 [Platform Elev] 7.00 [Water Elev] 0.00



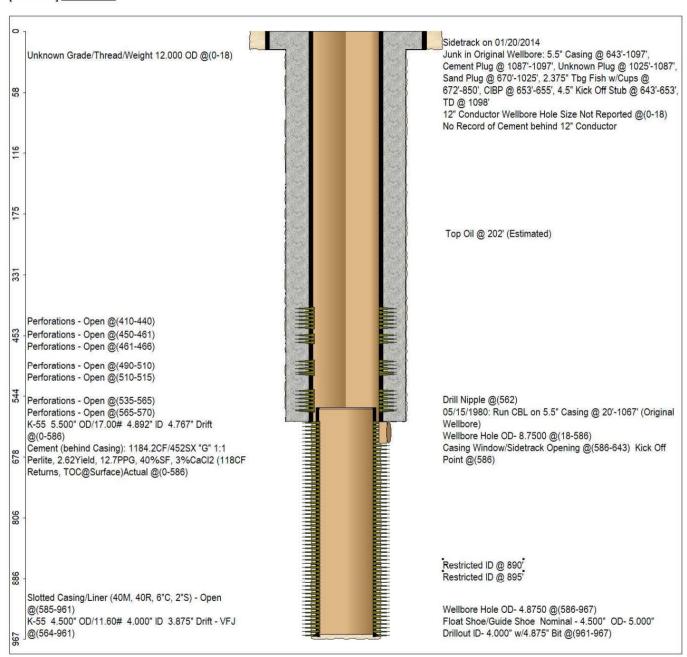
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 502
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 502 [Field] KERN RIVER
[Location] Aladdin/502 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402960049 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 449.00 [Spud Date] 05/05/1980 [Compl. Date] 06/09/2014 [Well Depth Datum] Ground Level [Elevation (MSL)] 449.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/06/2019 [TD] 1098.00 [PBTD] 670.00 [Platform Elev] 0.00 [Water Elev] 0.00



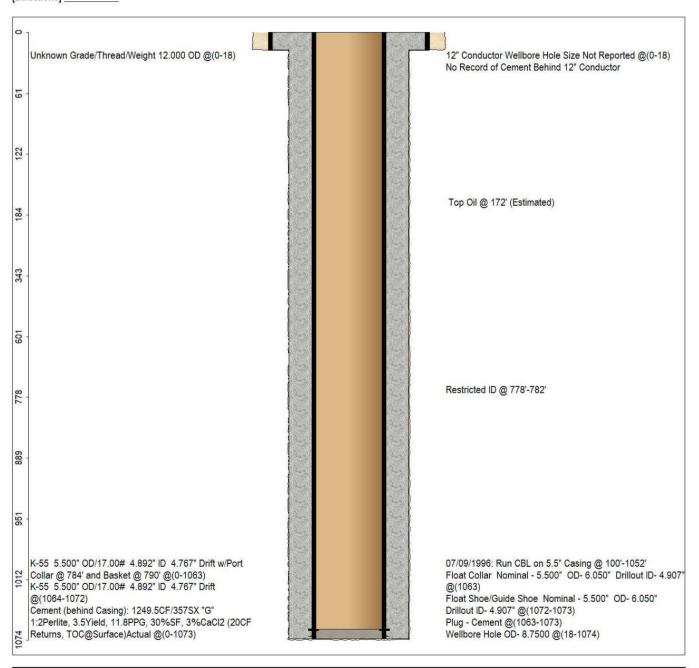
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[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 502 [Field] KERN RIVER
[Location] Aladdin/502 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402960049 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 449.00 [Spud Date] 05/05/1980 [Compl. Date] 06/09/2014 [Well Depth Datum] Ground Level [Elevation (MSL)] 449.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/06/2019 [TD] 967.00 [PBTD] 960.50 [Platform Elev] 0.00 [Water Elev] 0.00



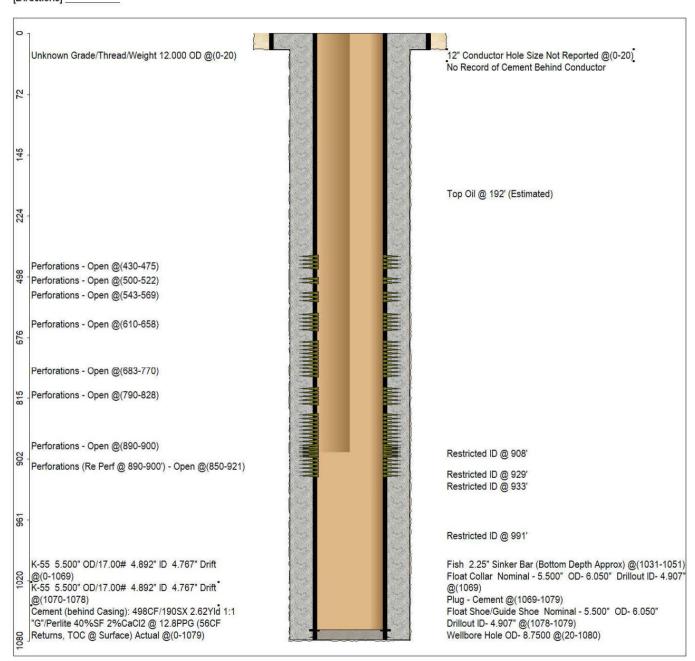
[DOGGR Lease Name] Thomas [DOGGR Well No.] T.O. 1
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 1TO [Field] KERN RIVER
[Location] Thomas/T.O. 1 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402961173 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 464.00 [Spud Date] 05/02/1980 [Compl. Date] 05/03/1980 [Well Depth Datum] Ground Level [Elevation (MSL)] 464.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/07/2019 [TD] 1074.00 [PBTD] 1063.00 [Platform Elev] 0.00 [Water Elev] 0.00



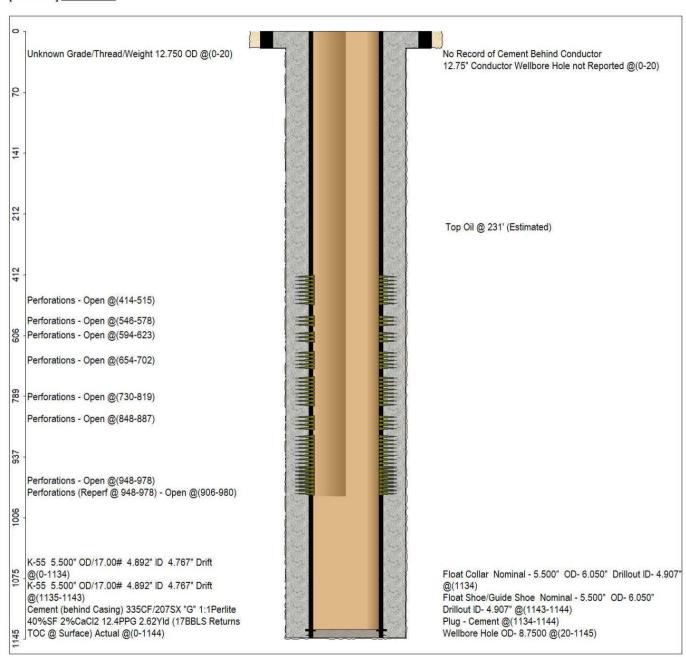
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 500
[Lease] CRESTMONT [Well Name] CR 500 [Field] KERN RIVER
[Location] Crestmont/500 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402968207 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 03/06/1983 [Compl. Date] 04/26/1983 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/06/2019 [TD] 1080.00 [PBTD] 1069.00 [Platform Elev] 0.00 [Water Elev] 0.00



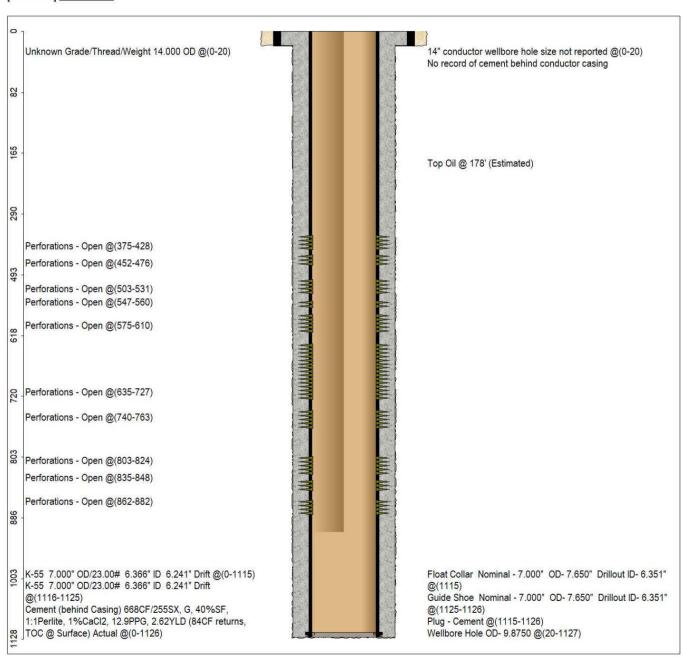
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 501
[Lease] CRESTMONT [Well Name] CR 501 [Field] KERN RIVER
[Location] Crestmont/501 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402968208 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 471.00 [Spud Date] 03/07/1983 [Compl. Date] 04/25/1983 [Well Depth Datum] Ground Level [Elevation (MSL)] 471.00 [Correction Factor] 0.00 [Last Updated by] hxmh [Date] 03/11/2019 [TD] 1145.00 [PBTD] 1134.00 [Platform Elev] 0.00 [Water Elev] 0.00



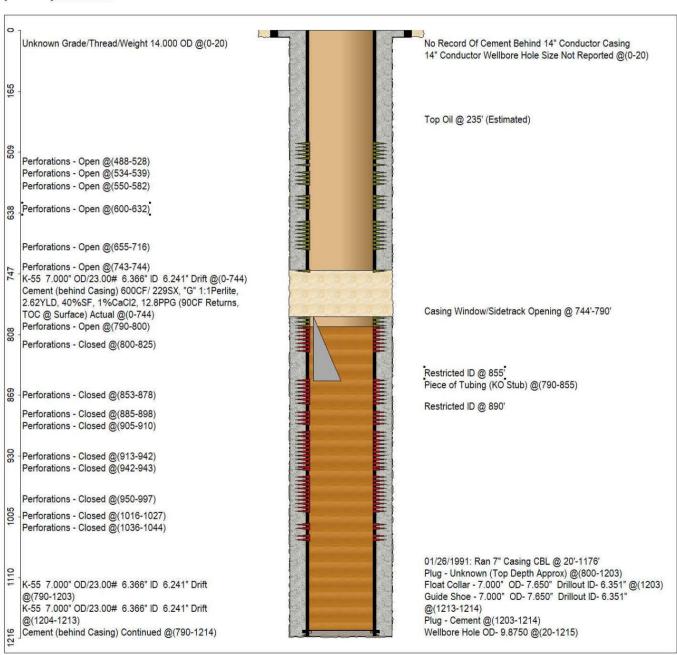
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 17
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 17 [Field] KERN RIVER
[Location] Aladdin/17 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402987429 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 446.00 [Spud Date] 10/23/1990 [Compl. Date] 10/30/1990 [Well Depth Datum] Ground Level [Elevation (MSL)] 446.00 [Correction Factor] 0.00 [Last Updated by] kmxs [Date] 12/27/2018 [TD] 1127.00 [PBTD] 1115.00 [Platform Elev] 0.00 [Water Elev] 0.00



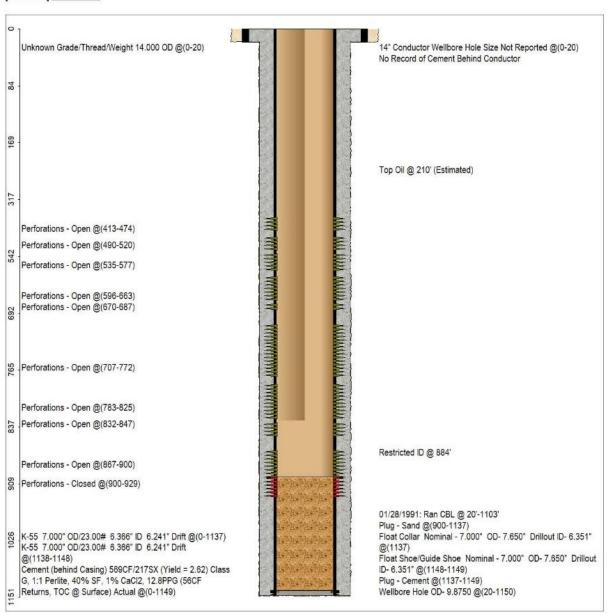
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 13
[Lease] CRESTMONT [Well Name] CR 13 [Field] KERN RIVER
[Location] Crestmont/13 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402988098 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 466.00 [Spud Date] 01/22/1991 [Compl. Date] 02/05/1991 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/08/2019 [TD] 1215.00 [PBTD] 800.00 [Platform Elev] 0.00 [Water Elev] 0.00



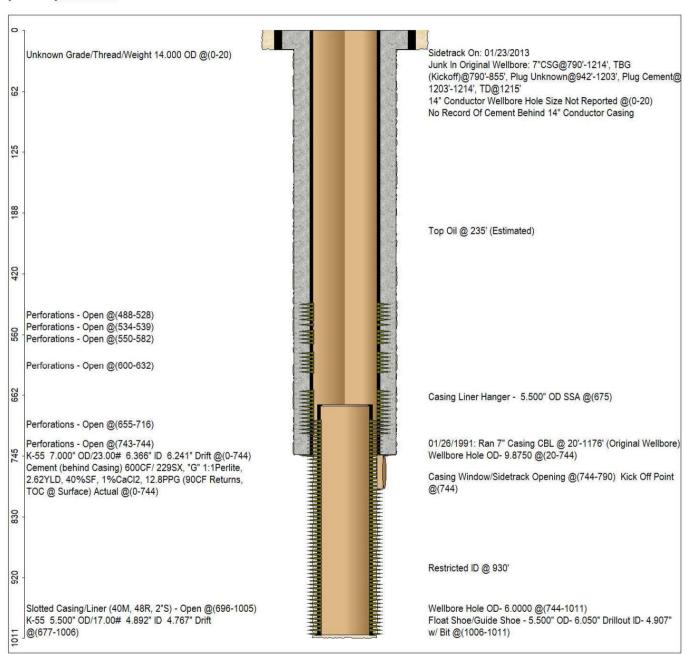
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 18
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 18 [Field] KERN RIVER
[Location] Aladdin/18 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kem [St.] California [Refno] 0 [API] 0402988099 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 450.00 [Spud Date] 01/24/1991 [Compl. Date] 01/31/1991 [Well Depth Datum] Ground Level [Elevation (MSL)] 450.00 [Correction Factor] 0.00 [Last Updated by] rysp [Date] 03/07/2019 [TD] 1150.00 [PBTD] 900.00 [Platform Elev] 0.00 [Water Elev] 0.00



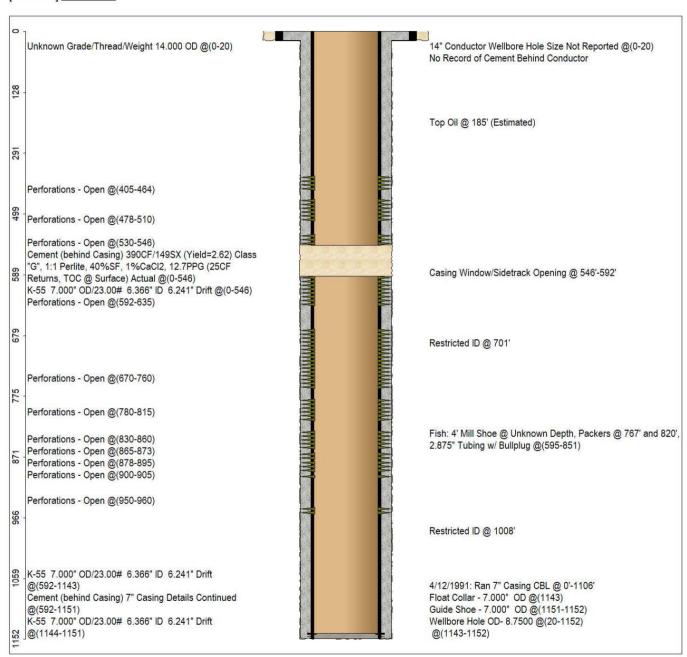
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[Lease] CRESTMONT [Well Name] CR 13 [Field] KERN RIVER
[Location] Crestmont/13 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402988098 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 466.00 [Spud Date] 01/22/1991 [Compl. Date] 02/05/1991 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/08/2019 [TD] 1011.00 [PBTD] 1006.00 [Platform Elev] 0.00 [Water Elev] 0.00



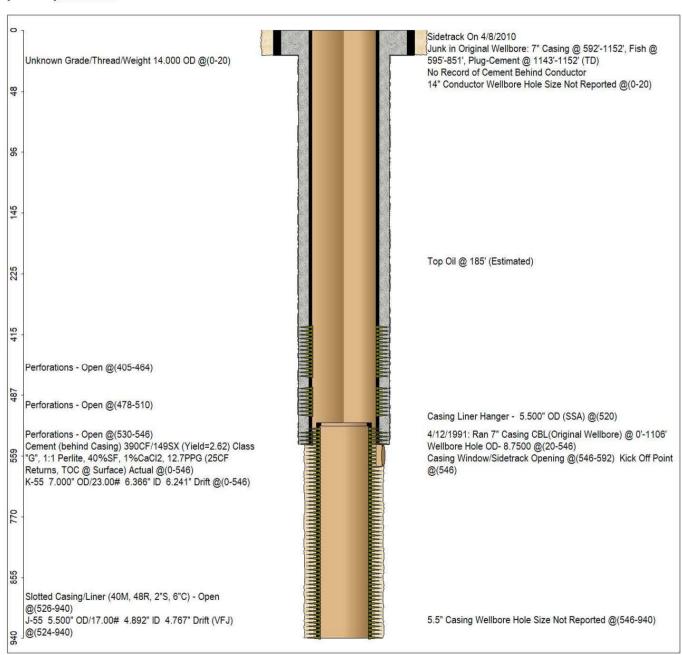
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 16
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 16 [Field] KERN RIVER
[Location] Aladdin/16 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402988100 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 465.00 [Spud Date] 04/07/1991 [Compl. Date] 04/16/1991 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] rbar [Date] 03/08/2019 [TD] 1152.00 [PBTD] 1143.00 [Platform Elev] 0.00 [Water Elev] 0.00



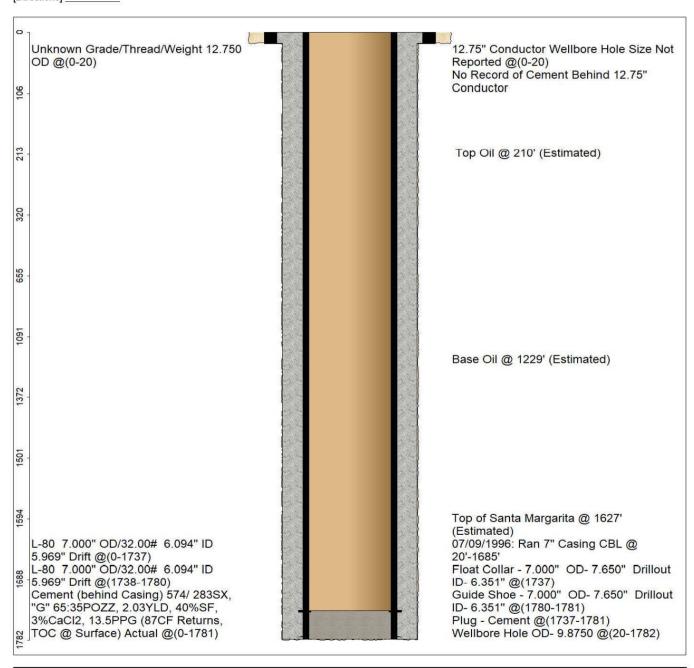
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 16
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 16 [Field] KERN RIVER
[Location] Aladdin/16 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0402988100 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 465.00 [Spud Date] 04/07/1991 [Compl. Date] 04/16/1991 [Well Depth Datum] Ground Level [Elevation (MSL)] 465.00 [Correction Factor] 0.00 [Last Updated by] rbar [Date] 03/08/2019 [TD] 940.00 [PBTD] 940.00 [Platform Elev] 0.00 [Water Elev] 0.00



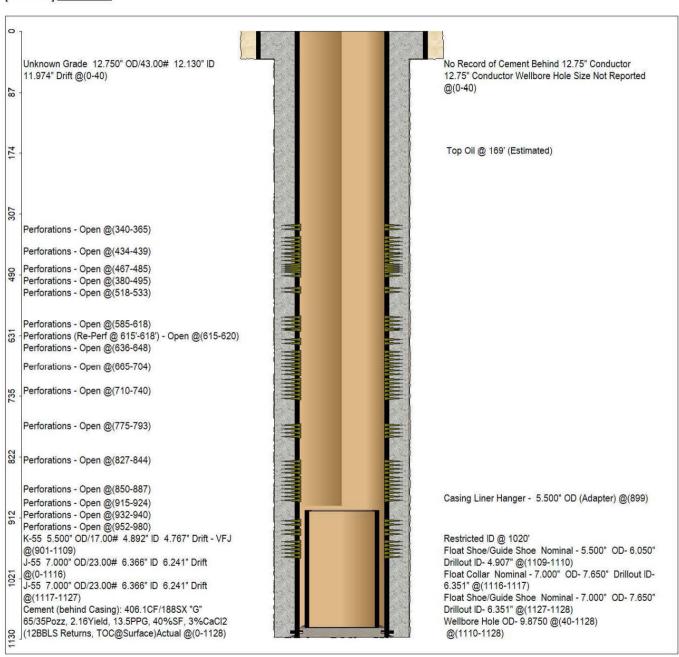
[DOGGR Lease Name] Crestmont [DOGGR Well No.] T.O. 1
[Lease] CRESTMONT [Well Name] CR 1TO [Field] KERN RIVER
[Location] Crestmont/T.O. 1 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403001985 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 461.00 [Spud Date] 12/01/1993 [Compl. Date] 12/04/1993 [Well Depth Datum] Ground Level [Elevation (MSL)] 461.00 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 03/05/2019 [TD] 1782.00 [PBTD] 1737.00 [Platform Elev] 0.00 [Water Elev] 0.00



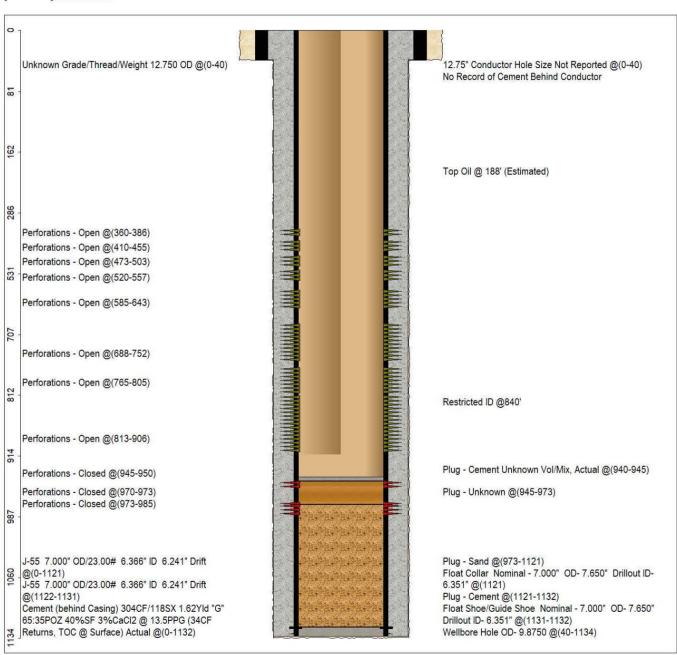
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 20
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 20 [Field] KERN RIVER
[Location] Aladdin/20 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403002386 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 448.00 [Spud Date] 03/21/1994 [Compl. Date] 03/27/1994 [Well Depth Datum] Ground Level [Elevation (MSL)] 448.00 [Correction Factor] 0.00 [Last Updated by] shqp [Date] 03/06/2019 [TD] 1128.00 [PBTD] 1110.00 [Platform Elev] 0.00 [Water Elev] 0.00



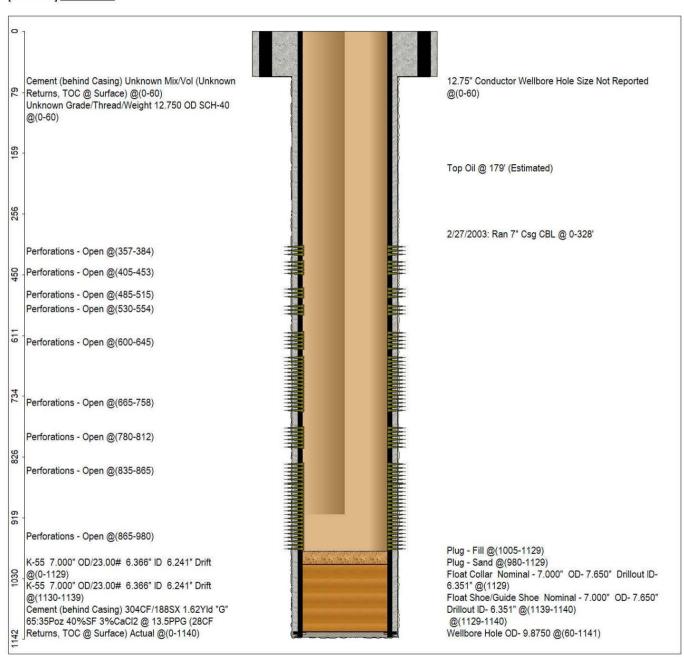
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 21
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 21 [Field] KERN RIVER
[Location] Aladdin/21 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403002390 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 483.00 [Spud Date] 03/23/1994 [Compl. Date] 03/28/1994 [Well Depth Datum] Ground Level [Elevation (MSL)] 483.00 [Correction Factor] 0.00 [Last Updated by] Igay [Date] 03/05/2019 [TD] 1134.00 [PBTD] 940.00 [Platform Elev] 0.00 [Water Elev] 0.00



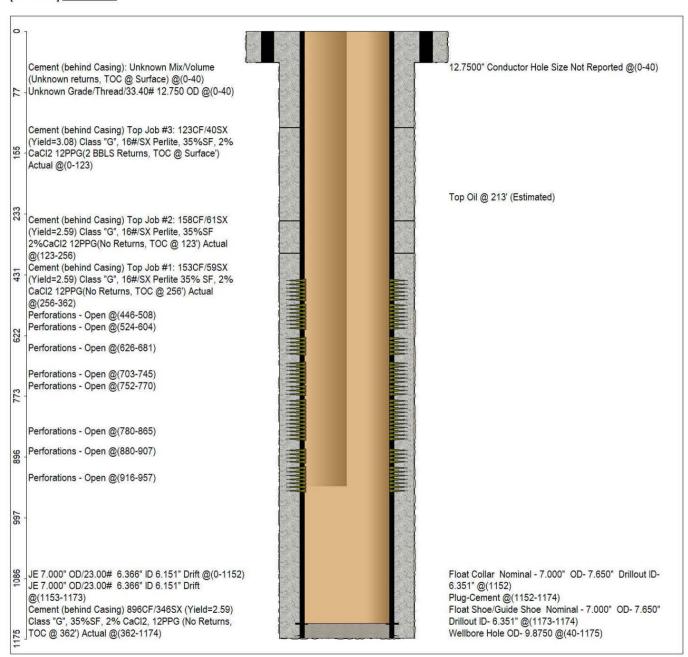
[DOGGR Lease Name] Aladdin [DOGGR Well No.] 19
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 19 [Field] KERN RIVER
[Location] Aladdin/19 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403002391 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 448.00 [Spud Date] 03/24/1994 [Compl. Date] 03/31/1994 [Well Depth Datum] Ground Level [Elevation (MSL)] 448.00 [Correction Factor] 0.00 [Last Updated by] Igay [Date] 03/13/2019 [TD] 1141.00 [PBTD] 980.00 [Platform Elev] 0.00 [Water Elev] 0.00



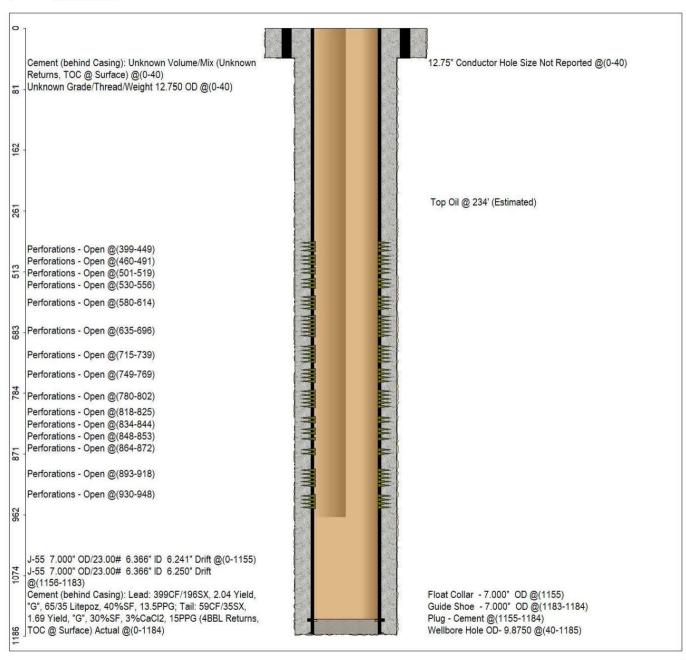
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 14
[Lease] CRESTMONT [Well Name] CR 14 [Field] KERN RIVER
[Location] Crestmont/14 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403007926 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 466.00 [Spud Date] 03/17/1997 [Compl. Date] 03/23/1997 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.00 [Correction Factor] 0.00 [Last Updated by] eczg [Date] 03/11/2019 [TD] 1175.00 [PBTD] 1152.00 [Platform Elev] 0.00 [Water Elev] 0.00



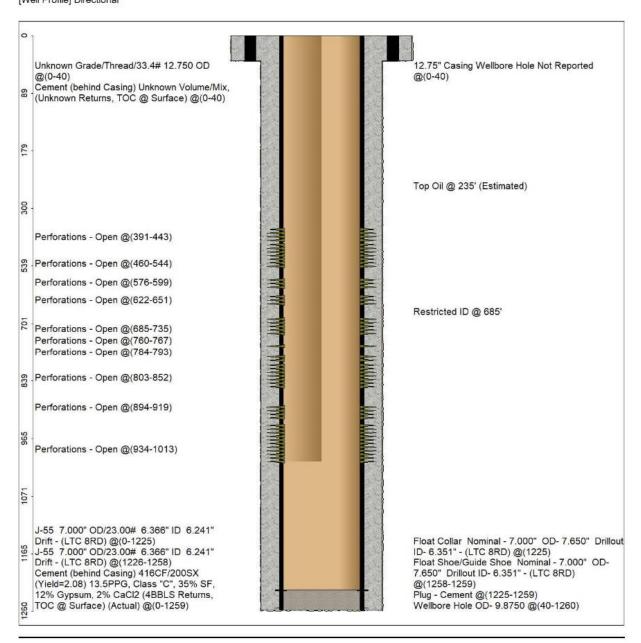
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 15
[Lease] CRESTMONT [Well Name] CR 15 [Field] KERN RIVER
[Location] Crestmont/15 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403008883 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 463.00 [Spud Date] 08/13/1997 [Compl. Date] 08/28/1997 [Well Depth Datum] Ground Level [Elevation (MSL)] 463.00 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 03/06/2019 [TD] 1185.00 [PBTD] 1155.00 [Platform Elev] 0.00 [Water Elev] 0.00



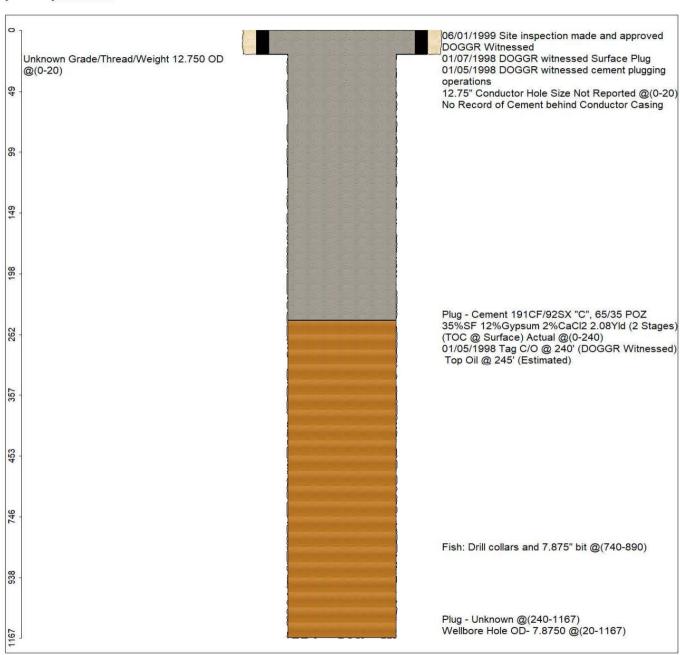
[DOGGR Lease Name] Junction [DOGGR Well No] 105
[Lease] JUNCTION [Well Name] JUN 105 [Field] KERN RIVER
[Location] Junction/105 [Sec] N/A [Blk] _______ [Survey] N/A
[County] Kem [St] California [Refno] 0 [API] 0403009011 [API12] 040300901100
[Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Directional



[Ground Elevation (MSL)] 474.10 [Spud Date] 08/24/1997 [Compl. Date] 09/03/1997 [Well Depth Datum] Ground Level [Elevation (MSL)] 474.10 [Correction Factor] 0.00 [Last Updated by] fdhl [Date] 04/23/2019 [TD] 1260.00 [PBTD] 1225.00 [Platform Elev] 0.00 [Water Elev] 0.00



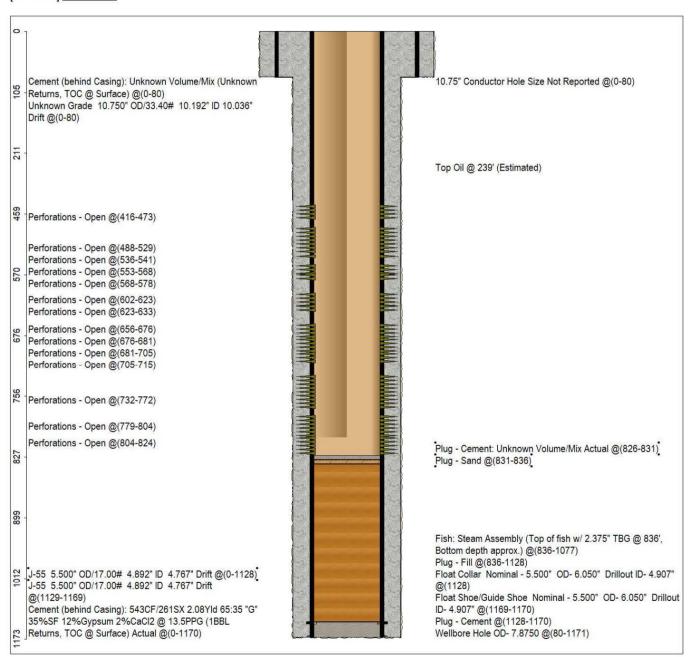
[DOGGR Lease Name] Junction [DOGGR Well No.] 524
[Lease] JUNCTION [Well Name] ZJUN 524 [Field] N/A
[Location] Junction/524 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0403010009 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 463.00 [Spud Date] 01/02/1998 [Compl. Date] 01/05/1998 [Well Depth Datum] Ground Level [Elevation (MSL)] 463.00 [Correction Factor] 0.00 [Last Updated by] hxmh [Date] 03/08/2019 [TD] 1167.00 [PBTD] 0.00 [Platform Elev] 0.00 [Water Elev] 0.00



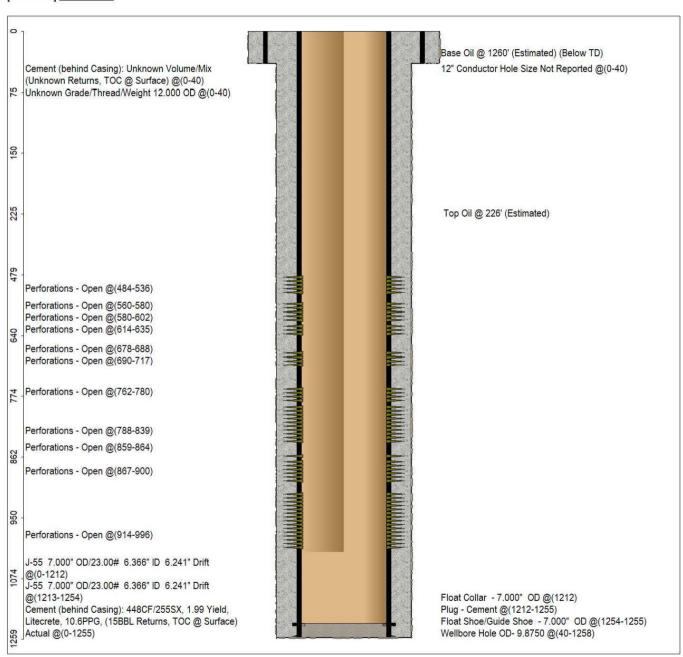
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 503
[Lease] CRESTMONT [Well Name] CR 503 [Field] KERN RIVER
[Location] Crestmont/503 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403011194 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 466.30 [Spud Date] 04/21/1998 [Compl. Date] 06/03/1998 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.30 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/06/2019 [TD] 1171.00 [PBTD] 826.00 [Platform Elev] 0.00 [Water Elev] 0.00



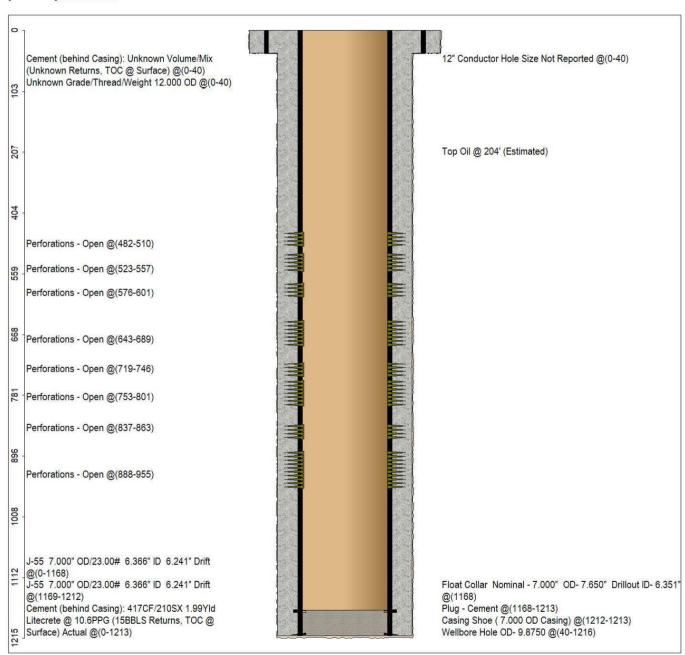
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 16
[Lease] CRESTMONT [Well Name] CR 16 [Field] KERN RIVER
[Location] Crestmont/16 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403024810 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 466.40 [Spud Date] 05/29/2004 [Compl. Date] 06/04/2004 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.40 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 03/06/2019 [TD] 1258.00 [PBTD] 1212.00 [Platform Elev] 0.00 [Water Elev] 0.00



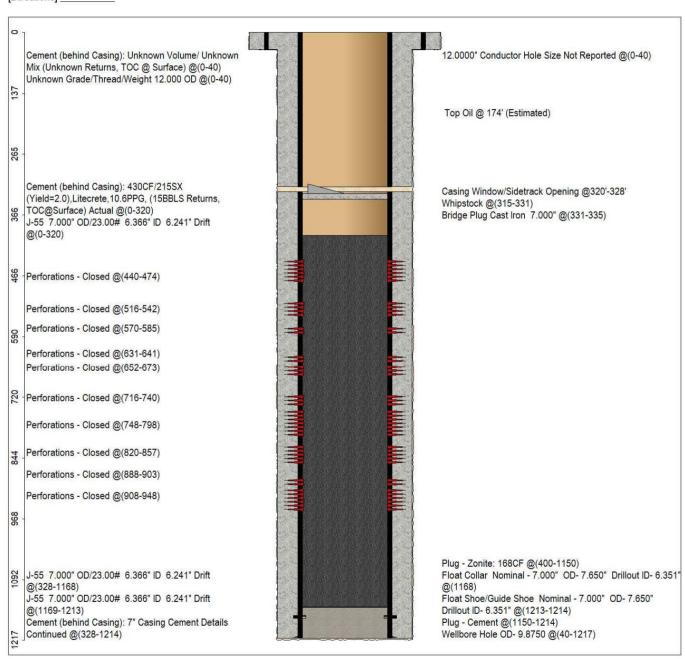
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 17
[Lease] CRESTMONT [Well Name] CR 17 [Field] KERN RIVER
[Location] Crestmont/17 [Sec.] N/A [Blk] _______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403024811 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______



[Ground Elevation (MSL)] 466.20 [Spud Date] 05/31/2004 [Compl. Date] 06/07/2004 [Well Depth Datum] Ground Level [Elevation (MSL)] 466.20 [Correction Factor] 0.00 [Last Updated by] megt [Date] 03/05/2019 [TD] 1216.00 [PBTD] 1168.00 [Platform Elev] 0.00 [Water Elev] 0.00



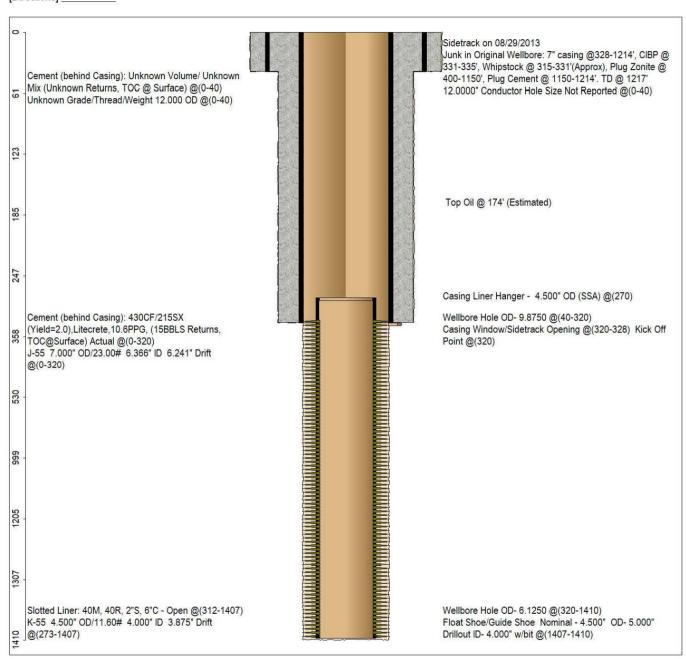
[DOGGR Lease Name] Thomas [DOGGR Well No.] 25
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 25 [Field] KERN RIVER
[Location] Thomas/25 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403024813 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 473.00 [Spud Date] 06/01/2004 [Compl. Date] 06/08/2004 [Well Depth Datum] Ground Level [Elevation (MSL)] 473.00 [Correction Factor] 0.00 [Last Updated by] czkd [Date] 03/12/2019 [TD] 1217.00 [PBTD] 400.00 [Platform Elev] 0.00 [Water Elev] 0.00



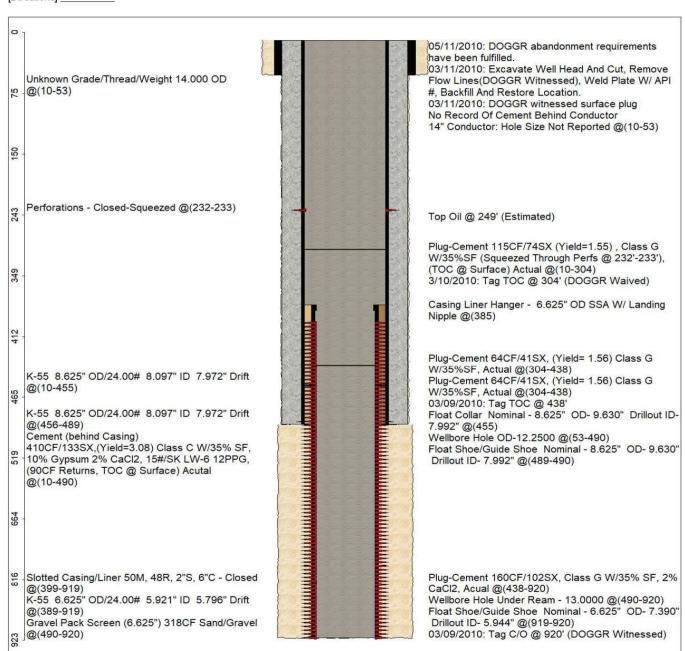
[DOGGR Lease Name] Thomas [DOGGR Well No.] 25
[Lease] E.P. THOMAS / ALLADIN [Well Name] TH 25 [Field] KERN RIVER
[Location] Thomas/25 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403024813 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 473.00 [Spud Date] 06/01/2004 [Compl. Date] 06/08/2004 [Well Depth Datum] Ground Level [Elevation (MSL)] 473.00 [Correction Factor] 0.00 [Last Updated by] bazd [Date] 03/11/2019 [TD] 1410.00 [PBTD] 1407.00 [Platform Elev] 0.00 [Water Elev] 0.00



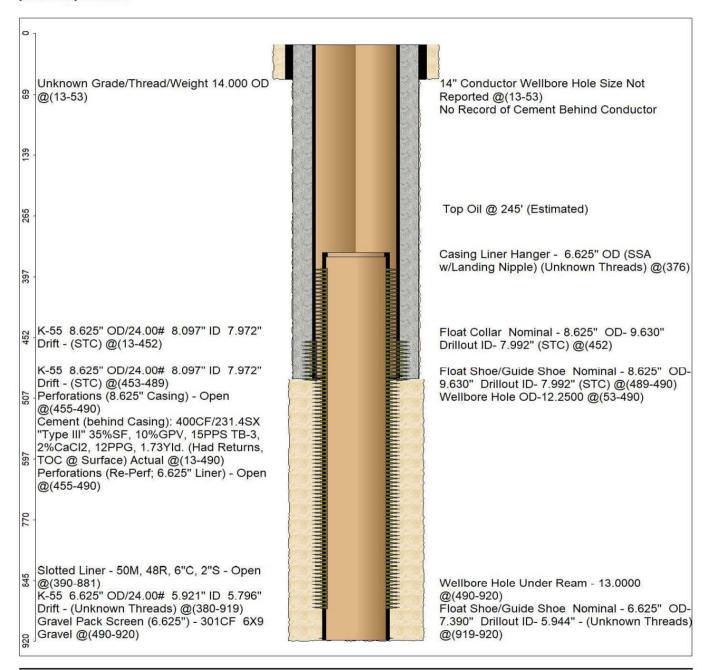
[DOGGR Lease Name] Kem County Land Co. Lease 39 [DOGGR Well No.] 1-9
[Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] ZK39 1 [Field] N/A
[Location] Kem County Land Co. Lease 39/1-9 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kem [St.] California [Refno] ______ [API] 0403030103 [Cost Center] UCA523000
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 458.00 [Spud Date] 05/05/2006 [Compl. Date] 05/19/2006 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 468.00 [Correction Factor] 10.00 [Last Updated by] bazd [Date] 03/08/2019 [TD] 920.00 [PBTD] 10.00 [Platform Elev] 13.00 [Water Elev] 0.00



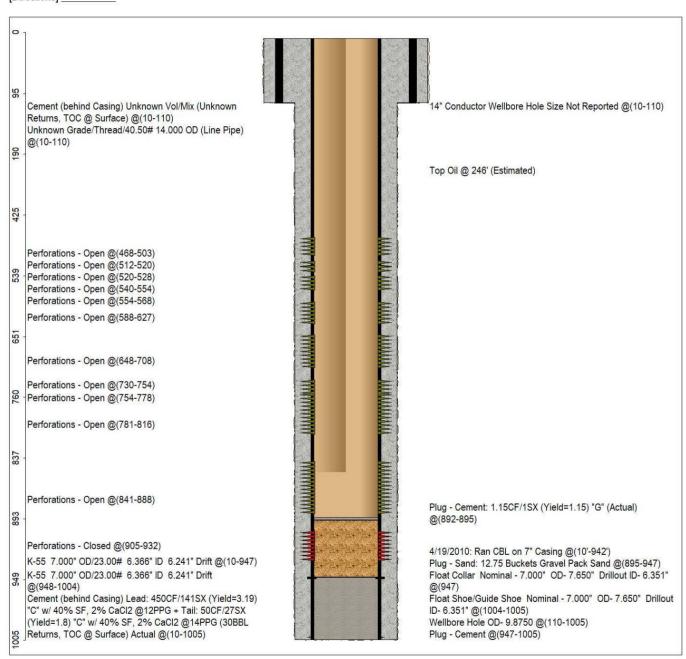
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No] 440-9 [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 440 [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/440-9 [Sec] N/A [Blk] [Survey] N/A [County] Kern [St] California [Refno] 0 [API] 0403030111 [API12] 040303011100 [Section] 9 [Township] 29S [Range] 28E [Cost Center] UCA523000 [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Well Profile] Directional



[Ground Elevation (MSL)] 458.00 [Spud Date] 05/01/2006 [Compl. Date] 05/18/2006 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 471.00 [Correction Factor] 13.00 [Last Updated by] bazd [Date] 04/18/2019 [TD] 920.00 [PBTD] 919.00 [Platform Elev] 13.00 [Water Elev] 0.00



[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 20-9 [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 20 [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/20-9 [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403040105 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]

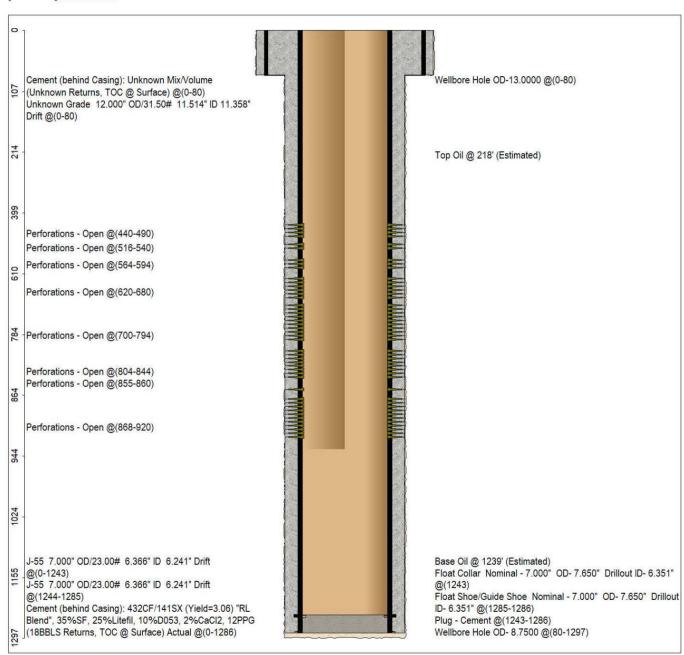


[Ground Elevation (MSL)] 458.50 [Spud Date] 04/01/2010 [Compl. Date] 05/08/2010 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 468.50 [Correction Factor] 10.00 [Last Updated by] lbbi [Date] 03/07/2019 [TD] 1005.00 [PBTD] 892.00 [Platform Elev] 10.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: ALA 400



[DOGGR Lease Name] Aladdin [DOGGR Well No.] 400
[Lease] E.P. THOMAS / ALLADIN [Well Name] ALA 400 [Field] KERN RIVER
[Location] Aladdin/400 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403040970 [Cost Center] UCA523630
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] ______

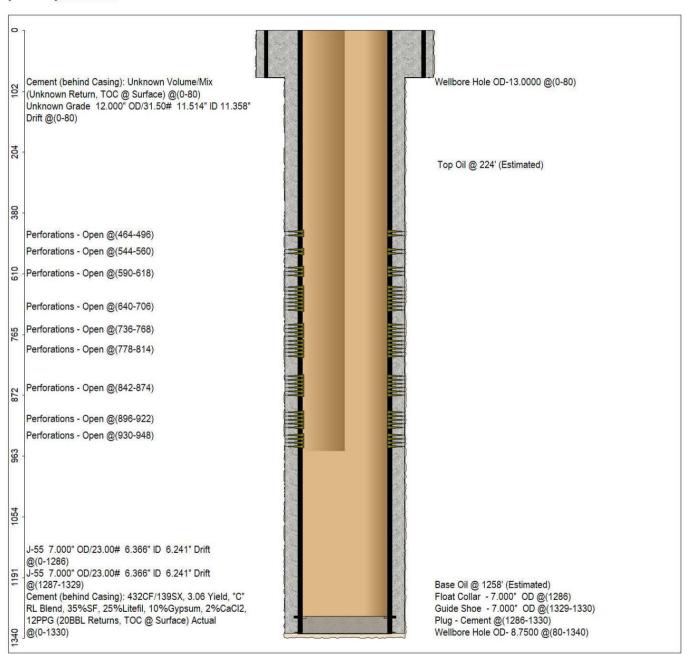


[Ground Elevation (MSL)] 457.40 [Spud Date] 08/18/2010 [Compl. Date] 08/27/2010 [Well Depth Datum] Ground Level [Elevation (MSL)] 457.40 [Correction Factor] 0.00 [Last Updated by] rysp [Date] 03/05/2019 [TD] 1297.00 [PBTD] 1243.00 [Platform Elev] 0.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: CR 408



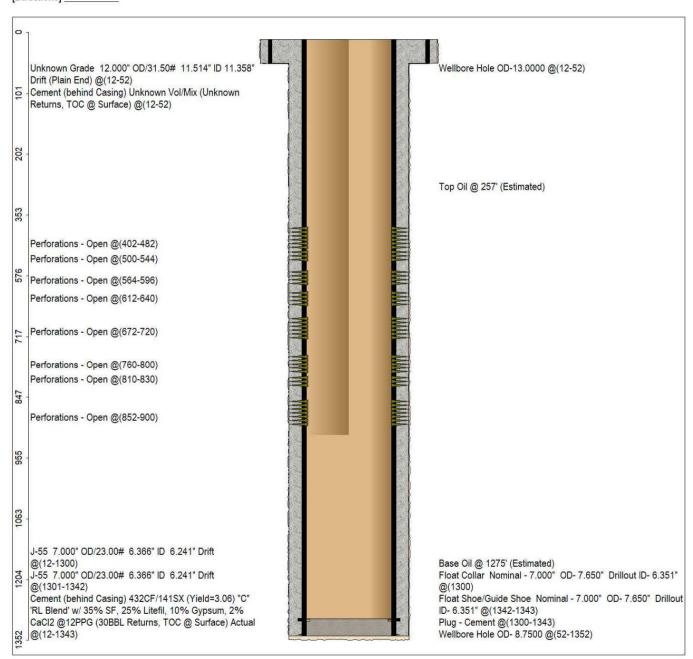
[DOGGR Lease Name] Crestmont [DOGGR Well No.] 408
[Lease] CRESTMONT [Well Name] CR 408 [Field] KERN RIVER
[Location] Crestmont/408 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403040971 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 461.40 [Spud Date] 08/20/2010 [Compl. Date] 08/25/2010 [Well Depth Datum] Ground Level [Elevation (MSL)] 461.40 [Correction Factor] 0.00 [Last Updated by] jgdm [Date] 03/06/2019 [TD] 1340.00 [PBTD] 1286.00 [Platform Elev] 0.00 [Water Elev] 0.00



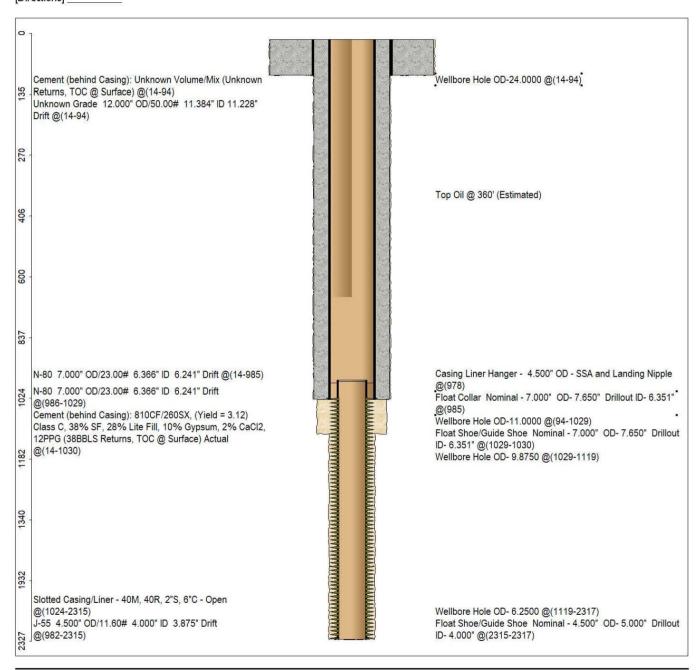
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 433-9 [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 433 [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/433-9 [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403040980 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 460.10 [Spud Date] 08/21/2010 [Compl. Date] 08/30/2010 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 472.10 [Correction Factor] 12.00 [Last Updated by] Ibbi [Date] 03/06/2019 [TD] 1352.00 [PBTD] 1300.00 [Platform Elev] 12.00 [Water Elev] 0.00



[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 417H [Lease] E.P. THOMAS / ALLADIN [Well Name] K39 417H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/417H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403043854 [Cost Center] UCA523630 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE [Directions]

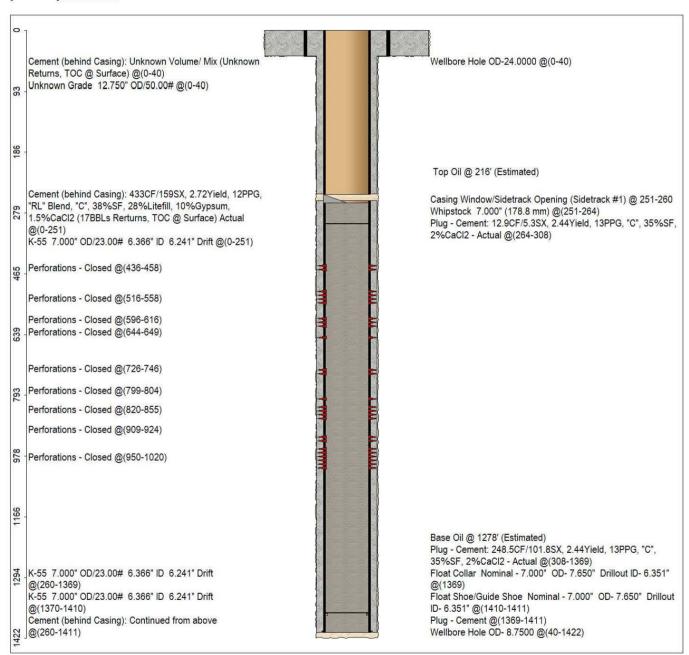


[Ground Elevation (MSL)] 445.10 [Spud Date] 05/08/2012 [Compl. Date] 05/15/2012 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 458.80 [Correction Factor] 13.70 [Last Updated by] ajju [Date] 03/05/2019 [TD] 2317.00 [PBTD] 2315.00 [Platform Elev] 14.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 129



[DOGGR Lease Name] Junction [DOGGR Well No.] 129
[Lease] JUNCTION [Well Name] JUN 129 [Field] KERN RIVER
[Location] Junction/129 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403047575 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____

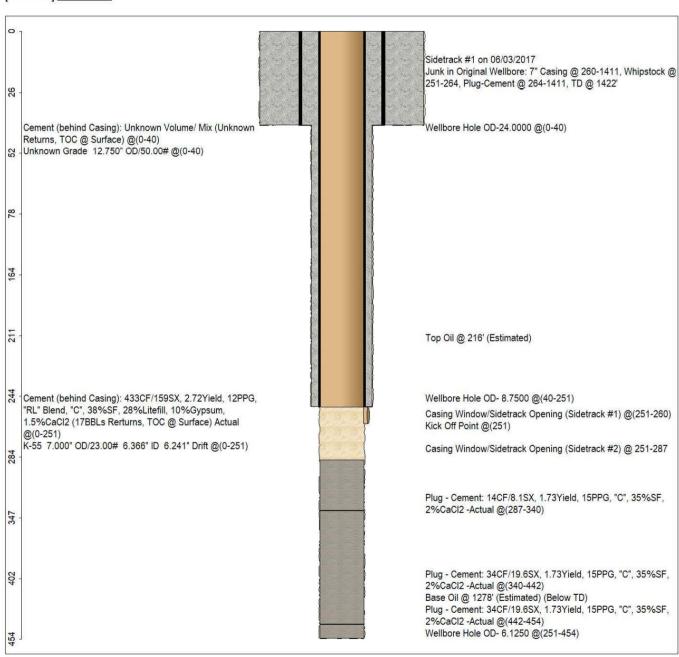


[Ground Elevation (MSL)] 479.00 [Spud Date] 07/23/2012 [Compl. Date] 08/02/2012 [Well Depth Datum] Ground Level [Elevation (MSL)] 479.00 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 03/05/2019 [TD] 1422.00 [PBTD] 264.00 [Platform Elev] 0.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 129



[DOGGR Lease Name] Junction [DOGGR Well No.] 129
[Lease] JUNCTION [Well Name] JUN 129 [Field] KERN RIVER
[Location] Junction/129 [Sec.] N/A [Blk] [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403047575 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]

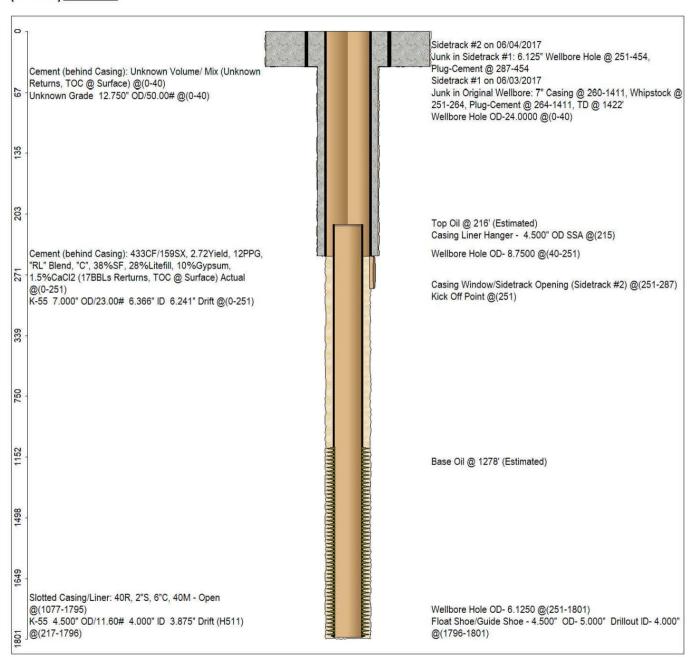


[Ground Elevation (MSL)] 479.00 [Spud Date] 07/23/2012 [Compl. Date] 08/02/2012 [Well Depth Datum] Ground Level [Elevation (MSL)] 479.00 [Correction Factor] 0.00 [Last Updated by] shnx [Date] 03/05/2019 [TD] 454.00 [PBTD] 287.00 [Platform Elev] 0.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 129



[DOGGR Lease Name] Junction [DOGGR Well No.] 129
[Lease] JUNCTION [Well Name] JUN 129 [Field] KERN RIVER
[Location] Junction/129 [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403047575 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]

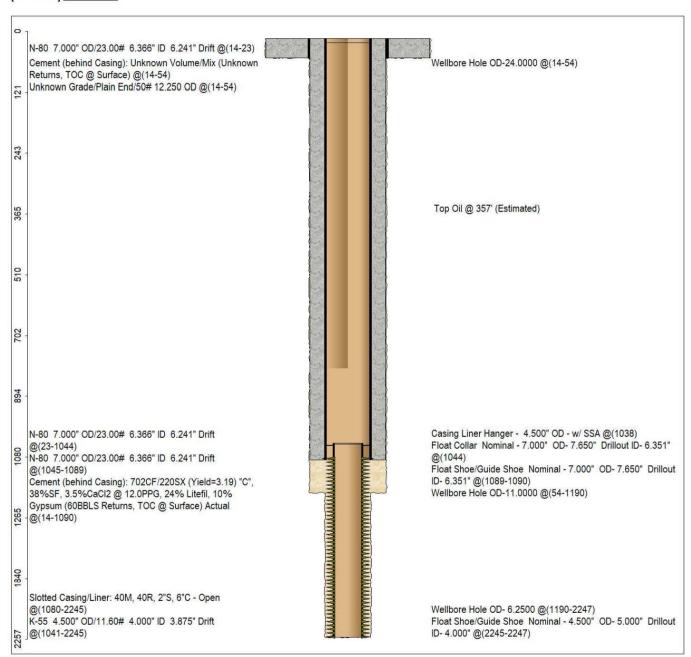


[Ground Elevation (MSL)] 479.00 [Spud Date] 07/23/2012 [Compl. Date] 08/02/2012 [Well Depth Datum] Ground Level [Elevation (MSL)] 479.00 [Correction Factor] 0.00 [Last Updated by] ckrx [Date] 03/11/2019 [TD] 1801.00 [PBTD] 1796.00 [Platform Elev] 0.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 132H



[DOGGR Lease Name] Junction [DOGGR Well No.] 132H
[Lease] JUNCTION [Well Name] JUN 132H [Field] KERN RIVER
[Location] Junction/132H [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403050748 [Cost Center] UCA529875
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] INACTIVE [Dead Man Anchors Test Date] NONE
[Directions]

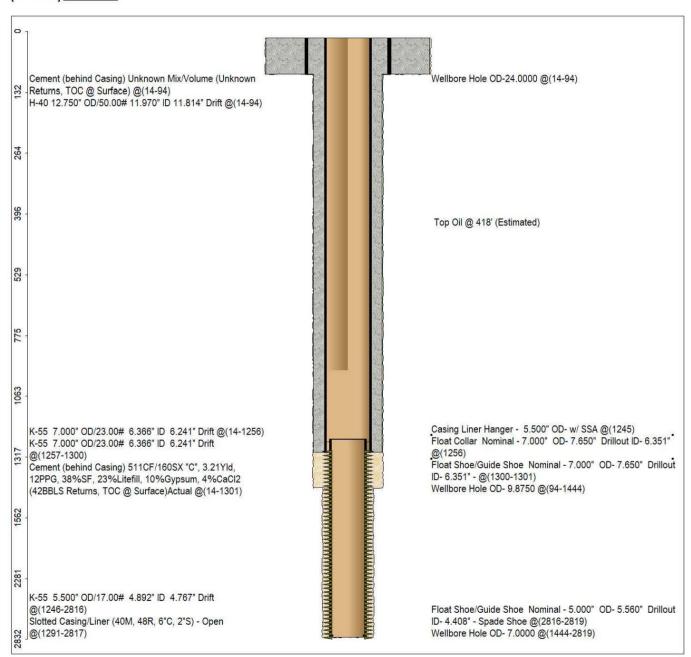


[Ground Elevation (MSL)] 440.80 [Spud Date] 05/28/2013 [Compl. Date] 06/04/2013 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 454.80 [Correction Factor] 14.00 [Last Updated by] fdhl [Date] 03/05/2019 [TD] 2247.00 [PBTD] 2245.00 [Platform Elev] 14.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 137H



[DOGGR Lease Name] Junction [DOGGR Well No.] 137H
[Lease] CRESTMONT [Well Name] JUN 137H [Field] KERN RIVER
[Location] Junction/137H [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403053177 [Cost Center] UCA529840
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]

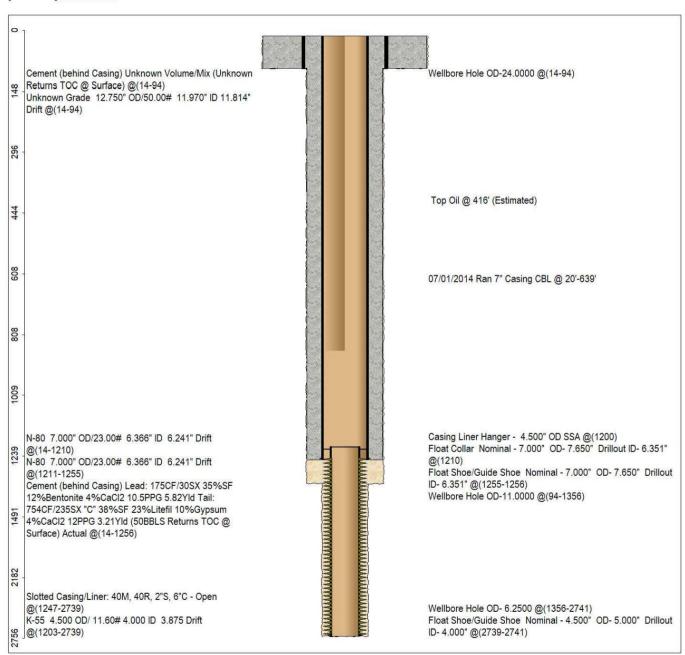


[Ground Elevation (MSL)] 443.80 [Spud Date] 06/14/2014 [Compl. Date] 06/25/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 457.80 [Correction Factor] 14.00 [Last Updated by] fdhl [Date] 03/05/2019 [TD] 2819.00 [PBTD] 2816.00 [Platform Elev] 14.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: JUN 136H



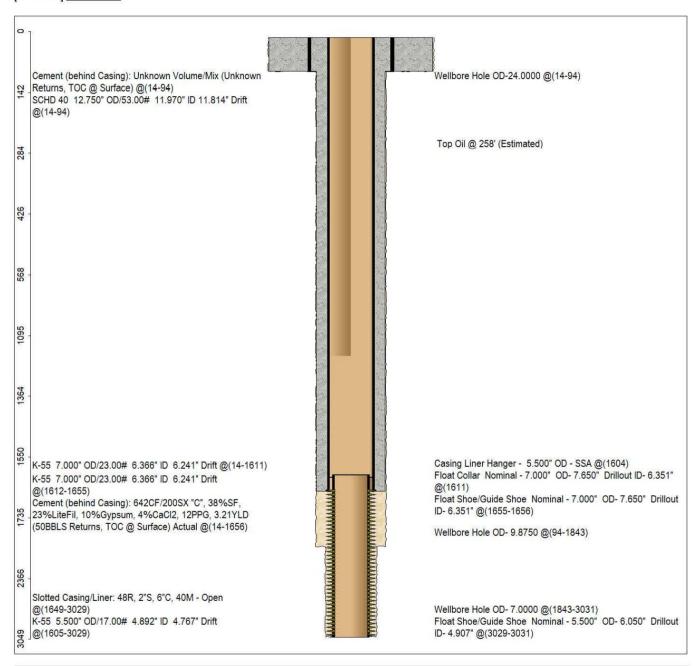
[DOGGR Lease Name] Junction [DOGGR Well No.] 136H
[Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] JUN 136H [Field] KERN RIVER
[Location] Junction/136H [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403053178 [Cost Center] UCA523000
[Section] 9 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



[Ground Elevation (MSL)] 442.00 [Spud Date] 06/18/2014 [Compl. Date] 07/10/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 456.00 [Correction Factor] 14.00 [Last Updated by] hxmh [Date] 03/05/2019 [TD] 2741.00 [PBTD] 2739.00 [Platform Elev] 0.00 [Water Elev] 0.00



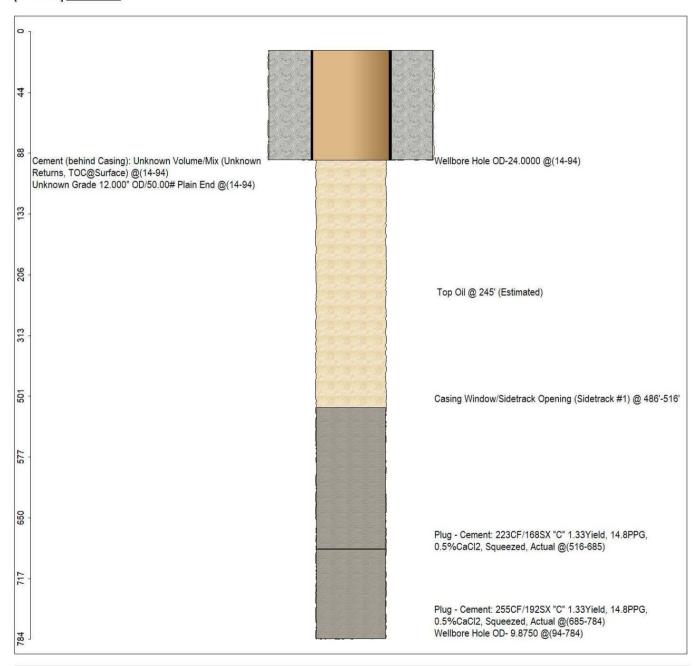
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 609H [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 609H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/609H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403054397 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 456.50 [Spud Date] 05/31/2014 [Compl. Date] 06/18/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 470.50 [Correction Factor] 14.00 [Last Updated by] eczg [Date] 03/07/2019 [TD] 3031.00 [PBTD] 3029.00 [Platform Elev] 0.00 [Water Elev] 0.00



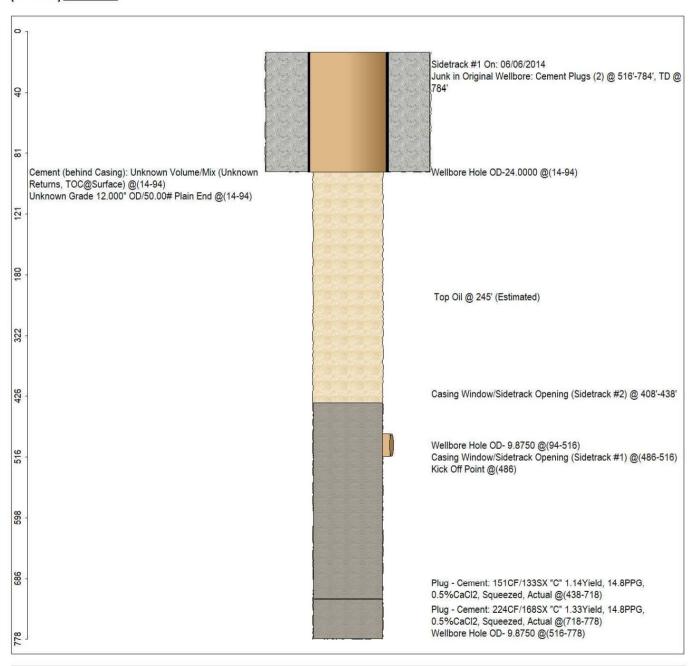
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 611H [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 611H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/611H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403054399 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 458.20 [Spud Date] 06/04/2014 [Compl. Date] 06/22/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 472.20 [Correction Factor] 14.00 [Last Updated by] jgdm [Date] 03/05/2019 [TD] 784.00 [PBTD] 516.00 [Platform Elev] 0.00 [Water Elev] 0.00



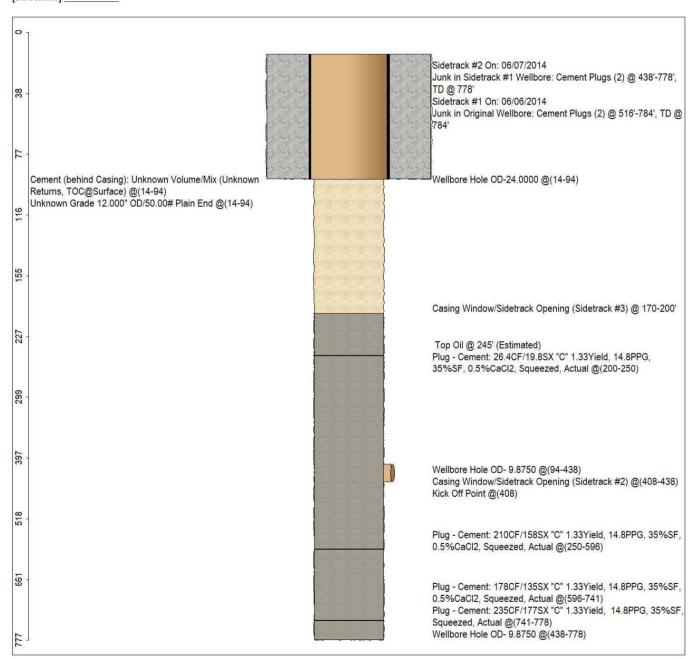
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 611H [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 611H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/611H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403054399 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 458.20 [Spud Date] 06/04/2014 [Compl. Date] 06/22/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 472.20 [Correction Factor] 14.00 [Last Updated by] jgdm [Date] 03/05/2019 [TD] 778.00 [PBTD] 438.00 [Platform Elev] 0.00 [Water Elev] 0.00



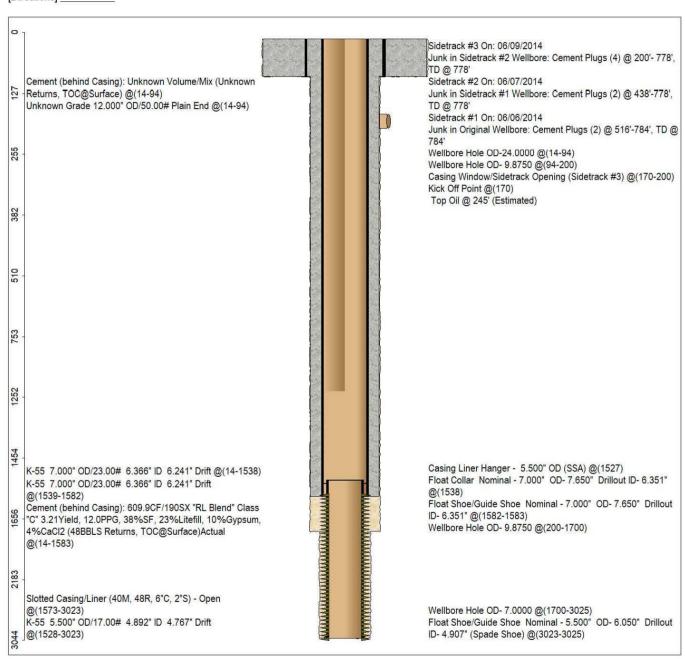
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 611H [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 611H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/611H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403054399 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 458.20 [Spud Date] 06/04/2014 [Compl. Date] 06/22/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 472.20 [Correction Factor] 14.00 [Last Updated by] ckrx [Date] 03/12/2019 [TD] 778.00 [PBTD] 200.00 [Platform Elev] 0.00 [Water Elev] 0.00



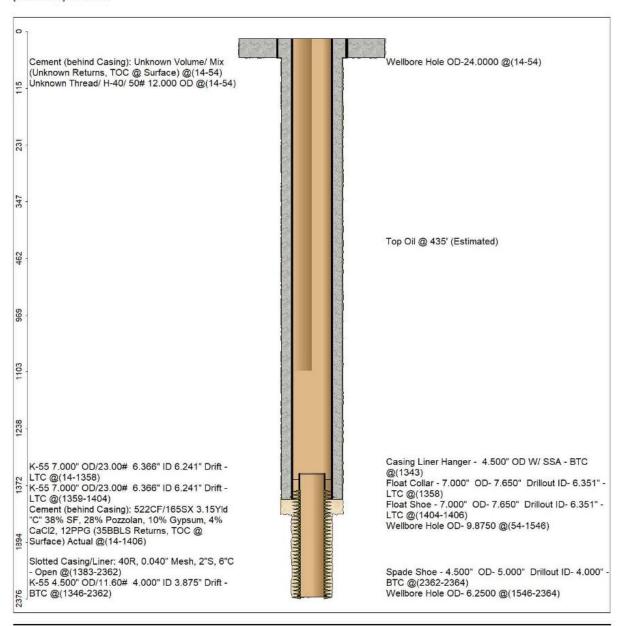
[DOGGR Lease Name] Kern County Land Co. Lease 39 [DOGGR Well No.] 611H [Lease] KCL 39 - SECTION 9 / KCL SEC 9 [Well Name] K39 611H [Field] KERN RIVER [Location] Kern County Land Co. Lease 39/611H [Sec.] N/A [Blk] ______ [Survey] N/A [County] Kern [St.] California [Refno] 0 [API] 0403054399 [Cost Center] UCA523000 [Section] 9 [Township] 29S [Range] 28E [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Directions]



[Ground Elevation (MSL)] 458.20 [Spud Date] 06/04/2014 [Compl. Date] 06/22/2014 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 472.20 [Correction Factor] 14.00 [Last Updated by] jgdm [Date] 03/05/2019 [TD] 3025.00 [PBTD] 3022.50 [Platform Elev] 0.00 [Water Elev] 0.00



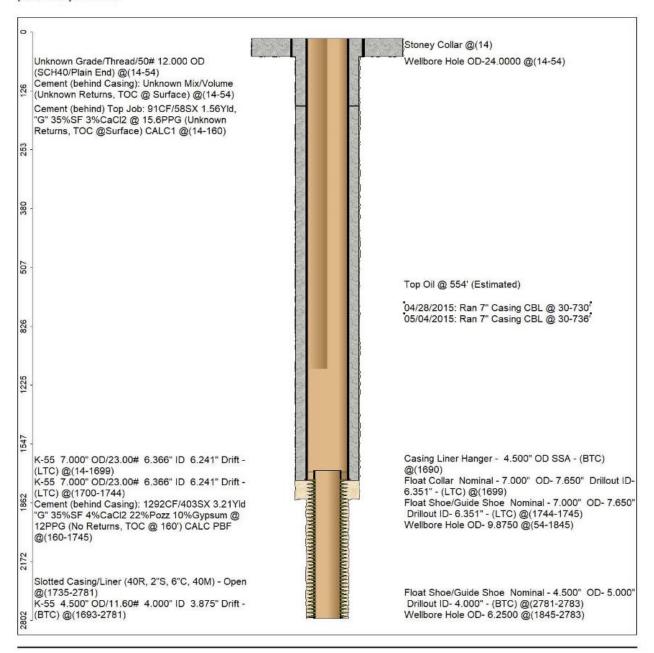
[DOGGR Lease Name] May [DOGGR Well No] 61H [Lease] JUNCTION [Well Name] MAY 61H [Field] N/A [Location] May/61H [Sec] N/A [Blk] [Survey] N/A [County] Kern [St] California [Refno] 0 [API] 0403057070 [API12] 040305707000 [Section] 8 [Township] 29S [Range] 28E [Cost Center] UCA529875 [Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE [Well Profile] Horizontal



[Ground Elevation (MSL)] 452.50 [Spud Date] 03/13/2015 [Compl. Date] 03/20/2015 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 466.50 [Correction Factor] 14.00 [Last Updated by] shnx [Date] 04/24/2019 [TD] 2364.00 [PBTD] 2362.00 [Platform Elev] 0.00 [Water Elev] 0.00



DOGGR Lease Name] May [DOGGR Well No] 62H
[Lease] JUNCTION [Well Name] MAY 62H [Field] KERN RIVER
[Location] May/62H [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kern [St] California [Refno] 0 [API] 0403057551 [API12] 040305755100
[Section] 8 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Horizontal

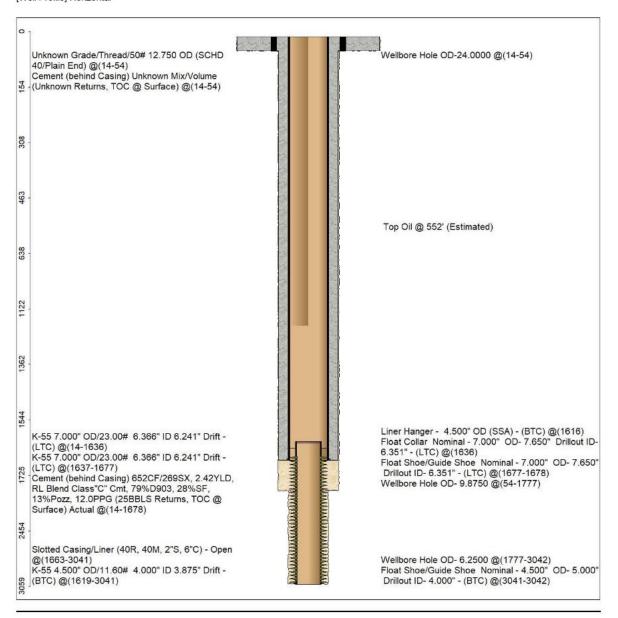


[Ground Elevation (MSL)] 443.20 [Spud Date] 04/18/2015 [Compl. Date] 05/13/2015 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 457.20 [Correction Factor] 14.00 [Last Updated by] fdhl [Date] 04/24/2019 [TD] 2783.00 [PBTD] 2781.00 [Platform Elev] 0.00 [Water Elev] 0.00

Chevron U.S.A. Inc. Wellbore Diagram: MAY 54H



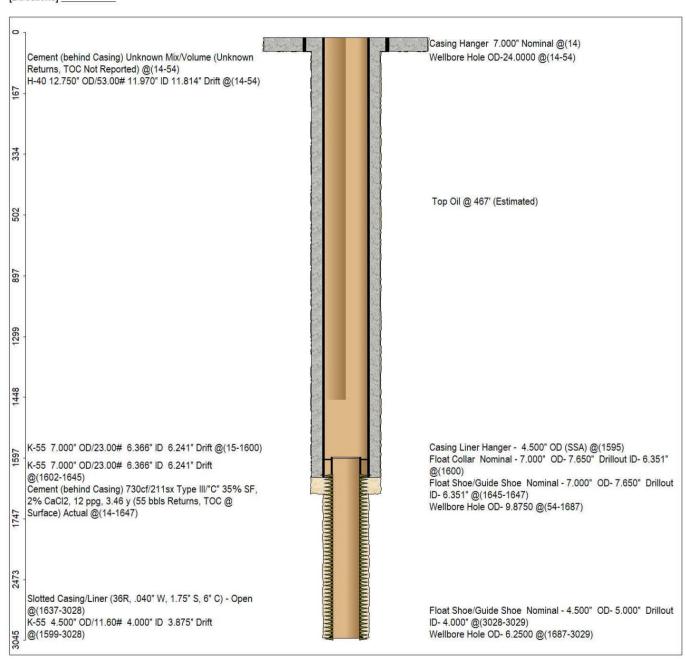
[DOGGR Lease Name] May [DOGGR Well No] 54H
[Lease] JUNCTION [Well Name] MAY 54H [Field] KERN RIVER
[Location] May/54H [Sec] N/A [Blk] ______ [Survey] N/A
[County] Kem [St] California [Refno] 0 [API] 0403060653 [API12] 040306065300
[Section] 8 [Township] 29S [Range] 28E [Cost Center] UCA529875
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Well Profile] Horizontal



[Ground Elevation (MSL)] 443.10 [Spud Date] 06/03/2016 [Compl. Date] 06/16/2016 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 457.10 [Correction Factor] 14.00 [Last Updated by] fdhl [Date] 04/24/2019 [TD] 3042.00 [PBTD] 3041.00 [Platform Elev] 0.00 [Water Elev] 0.00



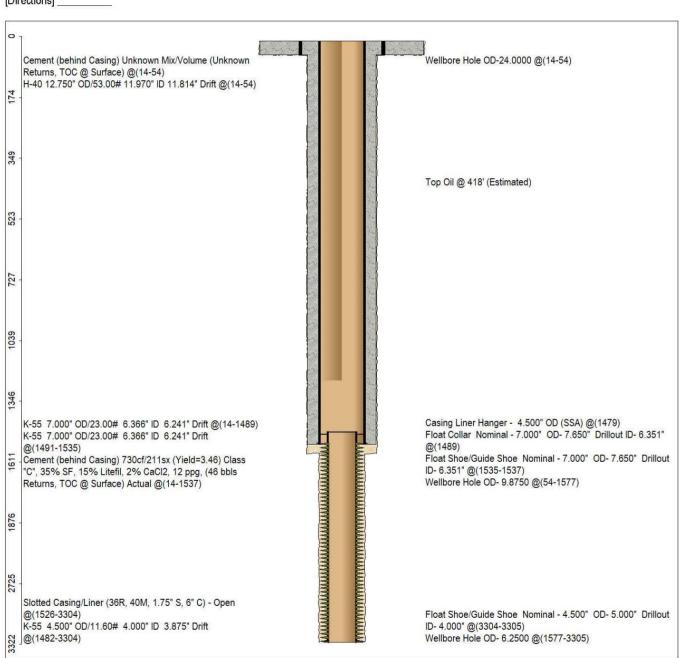
[DOGGR Lease Name] May [DOGGR Well No.] 65H
[Lease] JUNCTION [Well Name] MAY 65H [Field] N/A
[Location] May/65H [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] 0 [API] 0403063144 [Cost Center] UCA529875
[Section] 8 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 453.50 [Spud Date] 02/08/2018 [Compl. Date] 02/19/2018 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 467.50 [Correction Factor] 14.00 [Last Updated by] ewae [Date] 03/05/2019 [TD] 3029.00 [PBTD] 3028.00 [Platform Elev] 0.00 [Water Elev] 0.00



[DOGGR Lease Name] May [DOGGR Well No.] 67H
[Lease] JUNCTION [Well Name] MAY 67H [Field] N/A
[Location] May/67H [Sec.] N/A [Blk] ______ [Survey] N/A
[County] Kern [St.] California [Refno] _____ [API] 0403063280 [Cost Center] UCA529875
[Section] 8 [Township] 29S [Range] 28E
[Base Meridian] MD [Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions]



[Ground Elevation (MSL)] 461.70 [Spud Date] 02/03/2018 [Compl. Date] 02/14/2018 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 475.70 [Correction Factor] 14.00 [Last Updated by] bazd [Date] 03/11/2019 [TD] 3305.00 [PBTD] 3304.00 [Platform Elev] 0.00 [Water Elev] 0.00

	ED_771													
API10	Lease	Well Number	PLSS	Well Type	CalGEM Well Status	Owner	Open Top Perf	Est. Top Es	Est. Ops Top Oil	Chevron Isolation Analysis Chevron Recommendation	n CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments	CalGEM Final Decision
							(Ft. Md)						(01/21/2021) - CalGEM - CVX has proposed to abandon the well. (10/27/2020) -CalGEM - CVX submitted a better quality CBL. The CBL	
										Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary			shows a poor cement bonding above the top oil. (10/21/2020) - CVX submitted the requested CBL, but it is blurry,	
0402942113	Crestmont	7	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	487	276		Report. Cement in annulus 6-5/8" casing to 160'. 4/17/2002 CBL shows cement cap from 100' to surface.	Pending the receiving of the requested CBL dated 4/17/2002	ending Remediate or Abando	please submit a better-quality copy of the CBL. on (09/22/2020) - CalGEM - Pending the receiving of the requested CBL	Fail Zone Isolation
										Recommend Remediation, No cement 100'+ above top oil.			dated 4/17/2002 (09/15/2020) - CVX-Upon further geologic review, geologic isolation. Thick interbedded capping siltstone layers above Top Perf. Multiple	
													interbedded capping siltstone layers above injection zones. See capping shale/silt analysis.	
							1						(10/21/2020) - CalGEM - CBL Variable Density (VD) shows poor cement bonding above the top oil, only good cement bonding at 320 ft	
										Calc cement in annulus of 7" casing with cement loss. 1979 CBL shows good bond	Pending the receiving of the requested CBL		with cement cap 204 ft to 254 ft as stated by CVX (column # L) which it is only 19 ft above the oil zone. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL	
0402957322	Thomas	18 0	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	316	194	ı	at 320' with cement cap 204' to 254'. Recommend Remediation, Not 100'+ cement above top oil. Remediate or Abandon	dated 1979	ending Remediate or Aband	dated 1979 (09/15/2020) - CVX-Upon further geologic review, geologic isolation .	Fail Zone Isolation
													Multiple thick interbedded capping siltstone layers across intervals of ~80 ft-170 ft MD above Top Oil @ 235 ft. Multiple capping siltstone	
													layers above injection zones. See capping shale/silt analysis.	
													(01/22/2021) - CalGEM - Well was plugged and abandoned, cemet tag witnessed and approved by CalGEM dated January 5, 2021.	
0402957325	Aladdin	13 0	09, 29S, 28E, MD	Oil & Gas	Active	Chevron U.S.A. Inc.	375	179		Calc cement in annulus 12" casing from 20' to surface. 7/18/1978 CBL shows poor bond at 248' with a top seal at 179'. Top oil at 188'.	Pe	ending Remediate or Abando	(09/21/2020) - CalGEM - CBL dated 07/18/1978 shows poor cement bonding above both the top oil and seal. (09/15/2020) - CVX-Upon further geologic review, geologic isolation .	Pass Zone Isolation
										Not 100' cement above Top Oil. Recommend Remediation.			Thick capping siltstone layers across intervals of ~80 ft-155 ft MD above Top Oil @ 188 ft. CBL shows good bond 248' -450' across Top	
													Perf at 375 ft with a top seal at 180 ft. Multiple capping shale lavers (01/22/2021) - CalGEM - Well was plugged and abandoned, surface	
													cement plug witnessed and approved by CalGEM dated December 14, 2021. Thus, it is Pass Zone Isolation	
0402957422	Aladdin	503	09, 29S, 28E, MD	Cvclic Steam	Active	Chevron U.S.A. Inc.	431	228	265	Calc cement in annulus of 5-1/2" casing from 1108' to surface with 110 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows top of Remediate or Abandon	Pending the receiving of the requested CBL	ending the Remediate or Ab	(10/26/2020) - CalGEM - CBL dated 05/15/1980 shows poor cement bonding above both the top oil and seal. an (09/22/2020) - CalGEM - Pending the receiving of the requested CBL	Pass Zone Isolation
			, , ,	,						cement at 870'. Recommend Remediation, Top of Oil Above Top of Cement.	dated 1980	Ü	dated 1980 (09/15/2020) - CVX-Upon further geologic review, geologic isolation .	
													Multiple interbedded capping siltstone layers across intervals of ~ 60 ft to 200 ft MD above Top Oil @ 265 ft. Multiple capping shale above injection zones. See capping shale/silt analysis.	
													(10/26/2020) - CalGEM has received the requested temperature	
										Calc cement in annulus of 5-1/2" casing from 1073' to surface with 20 cu ft cement returns per DOGGR History of Oil or Gas Well. 1996 CBL shows good bond	(08/14/2020) - Operator submitted the requested		survey. It shows that the heat is confined into the injection zone (09/22/2020) - CalGEM - Please submit the recent temperature survey data from this well. Also, please provide Chevron interpretation of the	
0402961173	Thomas	T.O. 1	09, 29S, 28E, MD	Observation	Idle	Chevron U.S.A. Inc.	no open perfs	186	233	at 287' with cement cap 105' to 144'. Recommend Remediation. Steam at 100' and Not 100' Above Top Oil.	CBL. Need to email operator for the CBL		survey report. (09/15/2020) - CVX - Geologic isolation . Uploaded CBL to Box.com. TO well - No Open Perf. CBL shows cement caps from 105' to 144'.	Pass Zone Isolation
													Good bond at 287'. Several interbedded capping siltstone layers above Top Oil @ 233ft MD. See capping shale/silt analysis.	
													(10/26/2020) - CalGEM has received the requested temperature	
										Calc cement in annulus of 7" casing from 1781' to surface with 87 cu ft cement	(08/14/2020) - Operator submitted the requested		survey. It shows that the heat is confined into the injection zone (09/22/2020) - CalGEM - Please submit the recent temperature survey data from this well. Also, please provide Chevron interpretation of the	
0403001985	Crestmont	T.O. 1	09, 29S, 28E, MD	Observation	ldle	Chevron U.S.A. Inc.	no open perfs	233		returns per DOGGR History of Oil or Gas Well. 1996 CBL shows no good bonds. Recommend Remediation, Top of Oil Above Top of Cement.	CBL. Need to email operator for the CBL		survey report. (09/15/2020) - CVX - Geologic isolation . Uploaded CBL to Box.com.	Pass Zone Isolation
													TO well - No Open Perf. Several interbedded capping siltstone layers across intervals of ~20 ft - 670 ft MD above Top Oil @ 210 ft MD. See capping shale/silt analysis.	
											Need to email operator to subm the CBL.		(10/26/2020) - CalGEM - The submitted USIT log dated 04/28/2015	
										Calc cement in annulus 12" casing from 54' to surface per DOGGR Well Summary Report. 5/4/2015 CBL shows good bond in annulus 7" casing at 360' with cement	Zero bbls return from the primary cement job for the 7" casing. Estmated TOC @ 160' calculated		shows good cement bonding more that 100 ft above the top oil. (09/22/2020) - CalGEM - Pending the receipt of the 2015 CBL, and further review by operator	
0403057551	May	62H 0	08, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	1,735	554	300	caps 320' to 345' and 108' to surface. Needs Further Review. Check for Cap and Shale. Meets Isolation Requirements	by Sclumberger (SLB), float held. The history states "Had circulation the entire job. However when the cement reached around 500' (~120	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation . Several interbedded capping siltstone layers above Top Oil @ 560ft MD. See capping	Pass Zone Isolation
											bbls pumped), returns decreased drastically.		shale/silt analysis. D&C - please provide CBL referred to in notes cannot find in CIC folder or CalGEM files.	-
0402900195	Thomas	503	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	300	176	229	Calc cement in annulus 6-5/8" casing from 964' to surface with 80 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pi	ass Zone Isolation		Pass Zone Isolation
			20. 05-5	o						Meets Isolation Requirements. Calc cement in annulus 14-1/2" casing from 26' to surface. Calc cement in annulus of 8-5/8" casing from 315' to surface with cement returns per Water Shut-off Test. Meets Isolation Requirements				
0402900321	H.H. & F.	18	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	813	229	260	No CBL. Meets Isolation Requirements	Pa	ass Zone Isolation		Pass Zone Isolation
0402908043	Aladdin	2 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	219	ı	All records show well has no proof of abandonment. Records also show well was unable to find.	Well reabandoned, final letter was issued on	ass Zone Isolation		Pass Zone Isolation
			, , , , , , , , , , , , , , , , , , , ,					1			7/16/2020			
0402910977	H.H. & F.	6 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	259	295	Well was plugged and abandoned from 806' to 91' and 15' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements. Meets Isolation Requirements.	Pi	ass Zone Isolation		Pass Zone Isolation
				011.0.0					,	Well was plugged and abandoned from 932' to surface with two cement plugs				
0402910978	H.H. & F.	/A 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	220		from 932' to 235' and 15' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Well was plugged and abandoned from 868' to surface with cement per DOGGR	Pi	ass Zone Isolation		Pass Zone Isolation
0402914970	Crestmont	4 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	270	312	History of Oil or Gas Well. Meets Isolation Requirements	Pi	ass Zone Isolation		Pass Zone Isolation
0.40004.4074			00 000 005 MD	0.1.0.0	DI 10 AI 1			054		Well was plugged and abandoned from 730' to surface with cement per DOGGR				2 - 7 - 1 - 1 - 1 - 1 - 1
0402914971	Crestmont	5	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	251	1	History of Oil or Gas Well. Meets Isolation Requirements Meets Isolation Requirements	Pi	ass Zone Isolation		Pass Zone Isolation
0402914972	Crestmont	6 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc. r	no open perfs	246		Well was plugged and abandoned from 406' to surface with cement per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	P	ass Zone Isolation		Pass Zone Isolation
			, , , ,						1	Meets Isolation Requirements				
0402922180	Kern Co. Land Co.	5 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	E&B Resources	no open perfs	252	300	~125 CF squeezed through perfs and TOC est. to ~197 in annulus. Multiple plugs from 662'-surface. DOGGR states all abandonment requirements have been Meets Isolation Requirements	Pi	ass Zone Isolation		Pass Zone Isolation
										fulfilled. Meets Isolation Requirements Calc cement in annulus of 8-5/8" casing from 490' to surface with cement returns				
0402924963	H.H. & F.	11 0	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	400	216	266	per DOGGR Report on Test of Water Shut-off. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pi	ass Zone Isolation		Pass Zone Isolation
											(09/17/2020) - PermitNo.:7018725 to Re-		(09/22/2020) - CalGEM - Well history has been located, please see Well History page # 5/15. Well has cement inside and outside the 11	
0402930446	Aladdin	1 0	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	216	251	No Record of Well Abandonment. Needs Further Review.	Abandon was issued on 08/21/2020. The 1971 abandon record was found and it is on the well record.		5/8" casing more than 100' above the top oil. (09/15/2020) - CVX - No abandonment record found. Geologic isolation. Several thick capping siltstone layers across intervals of	Pass Zone Isolation
							1	1			I think we should check the well file hard copy		~90 ft-185 ft MD above Top Oil @ 216 ft. Multiple capping shale	
									1				layers above injection zones. See capping shale/silt analysis.	
0402930447	Aladdin	3 0	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	420	228		Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR Meets Isolation Requirements	Pi	ass Zone Isolation	layers above injection zones. See capping shale/silt analysis.	Pass Zone Isolation
0402930447	Aladdin	3 0	09, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	420	228	267	Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pa	ass Zone Isolation	layers above injection zones. See capping shale/silt analysis.	Pass Zone Isolation
							123		267	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement	Well sidetracked from 234' to 1357'. Run 4 1/2"	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement	
0402930447	Aladdin		09, 29S, 28E, MD 09, 29S, 28E, MD		Active Active	Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220		267	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface.		ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation Pass Zone Isolation
0402930448		4 0	09, 29S, 28E, MD	Cyclic Steam		Chevron U.S.A. Inc.	220	181	227	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of	Well sidetracked from 234' to 1357'. Run 4 1/2"	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of	
		4 0		Cyclic Steam			123	181	267 227 241	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Meets Isolation Requirements	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	
0402930448	Aladdin	5 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam	Active	Chevron U.S.A. Inc.	220	181	267 227 241	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.		(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448	Aladdin	5 0 6 0	09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas	Active	Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220	208	267 227 241	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451	Aladdin Aladdin Aladdin	4 0 0 5 0 0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas	Active Active Plugged & Abandoned	Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220 398 no open perfs 270	181 208 203 175	241 : 244 : 234 :	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation Pass Zone Isolation Pass Zone Isolation
0402930448 0402930449 0402930450	Aladdin Aladdin Aladdin	4 0 0 5 0 0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas	Active Active Plugged & Abandoned	Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220 398 no open perfs	181 208 203 175	241 9 244 9 244 9 219 9	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Meets Isolation Requirements	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation Pass Zone Isolation Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930452	Aladdin Aladdin Aladdin Aladdin Aladdin	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas	Active Active Plugged & Abandoned Active Active	Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220 398 no open perfs 270 302	181 208 203 175	241 241 244 234	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710'	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation ass Zone Isolation ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930452	Aladdin Aladdin Aladdin Aladdin	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas	Active Active Plugged & Abandoned Active	Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220 398 no open perfs 270	181 208 203 175	241 : 244 : 234 : 219 : 274 :	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8- 5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements Meets Isolation Requirements	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'.	ass Zone Isolation ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation Pass Zone Isolation Pass Zone Isolation Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930452	Aladdin Aladdin Aladdin Aladdin Aladdin	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD 09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas	Active Active Plugged & Abandoned Active Active	Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc. Chevron U.S.A. Inc.	220 398 no open perfs 270 302	181 208 203 175 164	241 9 244 234 219 274 9 350 9	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Sunday to surface Pooggr Well Sunday to surface. No CBL. Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation ass Zone Isolation ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930452	Aladdin Aladdin Aladdin Aladdin Aladdin Junction	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas	Active Active Plugged & Abandoned Active Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302	181 208 203 175 164	241 244 234 219 274 350 350	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per History of Oil or Gas	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation ass Zone Isolation ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930473 0402930479	Aladdin Aladdin Aladdin Aladdin Aladdin Junction	4 0 0 5 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam	Active Active Plugged & Abandoned Active Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302	181 208 203 175 164 220	241 244 234 219 274 274 278	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing to surface. No CBL. Meets Isolation Requirements Meets Isolation Requirements.	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation ass Zone Isolation ass Zone Isolation ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930487	Aladdin Aladdin Aladdin Aladdin Aladdin Junction	4 0 0 5 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430	181 208 203 175 164 220	241 244 234 219 274 278 278	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 520' to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing from 530' to surface per Remediate or Abandon Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per History of Oil or Gas Well. Cal cement in annulus 6-5/8" casing from 530' to surface per Remediate or Abandon Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Meets Iso	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930473 0402930479	Aladdin Aladdin Aladdin Aladdin Aladdin Junction	4 0 0 5 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430	181 208 203 175 164 220	241 244 234 219 274 278 278 234 234 234 234 234 234 234 234 234 234	Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR Well Summary Report. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 552' to surface per Report on Test of Water Shut-off. Calc cement in annulus 16" casing from 552' to surface per Report on Test of Water Shut-off. Calc cement in annulus 6-5/8" casing from 550' to surface per DOGGR Daily Well Reports. Sidetrack Above Top Oil. Needs Further Review. Sidetrack Above Top Oil.	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930487	Aladdin Aladdin Aladdin Aladdin Aladdin Junction Junction	4 0 0 5 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430	181 208 203 175 164 220	241 9 244 234 350 9 278 234 9	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Well was plugged and abandoned from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 43' to surface per DOGGR Water Shut-off Report. No CBL. Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 19-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 14" casing from 52' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 530' to surface per DOGGR Nogen of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 14" casing from 552' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 530' to surface per DOGGR Well Summary Report. Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus 16" casing from 50' to surface with	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930487	Aladdin Aladdin Aladdin Aladdin Aladdin Junction Junction	4 0 0 5 0 0 6 0 0 7 0 0 6 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430	181 208 203 175 164 220 286 225	227 241 244 234 219 274 350 278	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR Hilstory of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 11-5/8" casing from 530' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 13-3/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 520' to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing from 530' to surface per DOGGR Special Meets Isolation Requirements Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report on Operations Witnessed. Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus 6-5/8" casing from 530' to surface per DOGGR Special Re	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930487	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas	4 0 0 5 0 0 6 0 0 7 0 0 6 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs	181 208 203 175 164 220 286 225	227 227 241 244 234 274 278 278 233 233	Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 23' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 20' to surface. Calc cement in annulus of 8-5/8". Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 40' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Meets Isolation	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304	181 208 203 175 164 220 286 225	267 227 241 244 234 219 274 350 278 233	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', with cement caps 152' to 166', and 76' to surface. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 487' to surface per DOGGR Water Shut-off Report. No CBL. Calc cement in annulus 14" casing from 20' to surface calc cement in annulus of 8-5/8" casing from 487' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 70' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 536' to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 500' to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 18" casing from 500' to surface per DOGGR Well Summary Report. Cement in annulus 68-5/8" casing from 500' to surface per Report on Test of Water Shut-off. Calc cement in annulus 68-5/8" casing from 500' to surface per Report on Test Of Water Shut-off. Calc cement in annulus 68-5/8" casing from 500' to surface per DOGGR Daily Well Reports. Sidetrack at 18', above top oil. No CBL. Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirements Meets Isolation Requirem	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304	181 208 203 175 164 220 286 225	267 227 241 244 234 219 274 278 233	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of 010 r Gas Well. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface. Calc cement in annulus of 8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface. Calc cement in annulus of 8" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 463' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 11-5/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 710' to surface. Well Summary Report. Cement in annulus 68-5/8" casing from 520' to surface per DOGGR Well Summary Report. Cement in annulus 8-5/8" casing from 552' to surface per Report on Test of Water Shut-off. Calc cement in annulus 6-5/8" casing from 30' to surface per DOGGR Begiver and abandoned from 805' to surface per Report on Test of Water Shut-off. Calc cement in annulus 6-5/8" casing from 30' to surface per DOGGR Requirements. Calc cement in annulus 16" casing from 20' to surface per History of Oil or Gas Well. Well was plugged and abandoned from 545' to surface per DOGGR Well Summary Report. Calc cement in annulus 6-5/8" casing from 465' to surfa	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas	4 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304	181 208 203 175 164 220 286 225	267 227 241 244 234 219 274 350 278 233	Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 24" to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181", with cement caps 152' to 166', and 76' to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 9" casing from 487' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 1-15/8" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 460' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 1-15/8" casing from 536' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 1-15/8" casing from 536' to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 1-15/8" casing from 536' to surface per DOGGR Well Summary Report. Calc cement in annulus 6-5/8" casing from 500' to surface per DOGGR Well Summary Report. Calc cement in annulus 6-5/8" casing from 500' to surface per DOGGR Report on Operations Witnessed. Meets Isolation Requirements Calc cement in annulus 1-16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 6-5/8" casing from 465' to surface per DOGGR Report on Calc of Wa	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Oil & Gas	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304	181 208 203 175 164 220 286 225 197	267 227 241 244 234 219 274 350 278 234 233	Report. Calc cement in annulus of 8-5/8" casing from 512' to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234' to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181', where the case of Water Shot and the control of the cont	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930504 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304	181 208 203 175 164 220 286 225 197 190 253	267 227 241 244 234 219 274 350 278 233 231 291	Report. Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 234" to surface with cement returns per DOGGR History of Oil or Gas Well. No Calc cement in annulus of 8-5/6" casing from 234" to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181", with cement caps 152" to 166", and 76" to surface. Needs Further Review. Check Cap and Shale. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 9" casing from 48" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800" to surface with Zonite per DOGGR Relistory of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 48" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 45" to surface per DOGGR Water Shut-off Report. No CBL. Calc cement in annulus 11-5/8" casing from 536" to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 9-5/8" casing from 12" to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 31-3/8" casing from 12" to surface per DOGGR Well Summary Report. Cement in annulus of 8-5/8" casing from 52" to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report Calc cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report On Cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report On Cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report On Cement in annulus 6-5/8" casing from 52" to surface per DOGGR Well Summary Report On Cement in annulus 6-5/8" casing from	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930504 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304	181 208 203 175 164 220 286 225 197 190 253	267 227 241 244 234 219 274 350 278 233 233	Report. Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus 14" casing from 20" to surface per DOGGR Well Summary Well Calc cement in annulus 14" casing from 20" to surface with Zonite per DOGGR Well Summary Well Calc cement in annulus 15" casing from 20" to surface with Zonite per DOGGR Well Summary Well Calc cement in annulus 14" casing from 20" to surface with Zonite per DOGGR Well Summary Well Calc cement (2) to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 460" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 460" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 460" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 460" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 11-5/8" casing from 536" to surface per DOGGR Spedia Report on Test of Water Shut-off. Calc cement in annulus 3-8/8" casing from 536" to surface with cement per DOGGR Well Summary Report. Cement in annulus 3-8/8" casing from 52" to surface per DOGGR Well Summary Report. Cement in annulus 3-8/8" casing from 52" to surface per DOGGR Well Summary Report. Cement in annulus 3-8/8" casing from 52" to surface per DOGGR Special Report on Test of Water Shut-off. Calc cement in annulus 3-8/8" casing from 52" to surface per DOGGR Special Report on Test of Water Shut-off. No CBL. Well was plugged and abandoned from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus 3-6" casing from 20" to surface with cement per DOGGR Report on Test of Water Shut-off. No CBL. We	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402932875 0402940419 0402942123 0402955744	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Crestmont Junction	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304	181 208 203 175 164 220 286 225 197 190 253	267 227 241 244 234 219 278 278 233 233 291 254 264 290	Report. Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus 36" as 36" and 78" to surface per DOGGR Well Summary Report. Calc cement in annulus 36" as 36" a	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Crestmont	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304	181 208 203 175 164 220 286 225 197 190 253	267 227 241 244 234 219 278 278 233 233 291 254 264 290	Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 14" casing from 20' to surface. Needs Further Review. Check Cap and Shale. Needs Isolation Requirements Calc cement in annulus 14" casing from 20' to surface with Zonite per DOGGR Ristory of Oil or Gas Well. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8"" casing from 46' to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets Isolation Requirements Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 36' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 54" casing from 36' to surface per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 54" casing from 36' to surface per DOGGR Well Summary Report. Cement in annulus 58-5/8" casing from 350' to surface per DOGGR Well Summary Report. Calc cement in annulus 58-5/8" casing from 30' to surface per NoGGR Neel Suddion Requirements. Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 58-5/8" casing from 30' to surface per DOGGR Neel Suddion Requirements. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 64-5/8" casing fro	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402930508 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Crestmont Junction	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Uater Source Cyclic Steam Cyclic Steam Cyclic Steam Injection	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304	181 208 203 175 164 220 286 225 197 190 253 219 232	267 227 241 244 234 219 278 233 233 291 254 264 290 270	Report. Calc cement in annulus of 8-5/8" casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 24" to surface with cement returns per DOGGR History of Oil or Gas Well. 2014 (1984). Needs Further Review. Check Cap and Shale. Calc cement in annulus of 8-5/8" casing from 20" to surface. Calc cement in annulus of 8-6/8" casing from 20" to surface. Calc cement in annulus of 8-70" to surface with Zonite per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181", Needs Further Review. Well was plugged and abandoned from 800" to surface. Calc cement in annulus of 8-70" casing from 487" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800" to surface. Calc cement in annulus of 8-75/8" casing from 460" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-75/8" casing from 443" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-75/8" casing from 443" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 14" casing from 20" to surface. Calc cement in annulus of 8-75/8" casing from 443" to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 14" casing from 530" to surface per DOGGR Well Summary Report. Cement in annulus 15-75/8" casing from 530" to surface with cement per DOGGR Change of Well Status Report. Meets Isolation Requirements. Calc cement in annulus 15-75/8" casing from 12" to surface per DOGGR Well Summary Report. Cement in annulus 56-75/8" casing from 530" to surface per DOGGR Well Summary Report. Cement in annulus 56-75/8" casing from 530" to surface per DOGGR Report on Operations Witnessed. Meets Isolation Requirements. Calc cement in annulus 56 casing from 20" to surface per DOGGR Well Summary Report. Calc cement in annulus of 6-578" casing from 55	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402930508 0402940419 0402942123 0402955744	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Junction H.H. & F.	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam Cyclic Steam Cyclic Steam Uater Source Cyclic Steam Cyclic Steam Cyclic Steam Injection	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304 1,159	181 208 203 175 164 220 286 225 197 190 253 219 232	267 227 241 244 234 219 274 350 278 233 291 254 264 290 270 325	Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 16" casing from 20' to surface with cement cape of 30' casing from 20' to surface with cement cape of 30' casing from 20' to surface with cement cape of 30' casing from 20' to surface with cement cape of 30' casing from 20' to surface with cement cape of 30' casing from 20' to surface with cement cape of 30' casing from 20' to surface. Calc cement in annulus 14" casing from 20' to surface calc cement in annulus 16" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 18" casing from 20' to surface. Calc cement in annulus 19" casing from 20' to surface casuming conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 11" casing from 20' to surface. Calc cement in annulus 15' casing from 20' to surface with cement per DOGGR Special Report on Operations Witnessed. Calc cement in annulus 11" casing from 20' to surface per DOGGR Special Report on Calc cement in annulus 18" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 18" casing from 20' to surface per 100' case well. Meets isolation Requirements. Calc cement in annulus 18" casing from 20' to surface per 100' case value. Meets isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus 65' casing from 20' to surface per DOGGR Report on 10' case well. Meets isolation Requirements. Calc cement in annulus 16" casing from	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402930508 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Junction H.H. & F.	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 304 1,159	181 208 203 175 164 220 286 297 197 190 253 219 232 232 231	267 227 241 244 234 219 274 350 278 233 291 254 264 290 270 325	Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Report. Calc cement in annulus of 8-5/8" casing from 20' to surface per DOGGR Well Summary Weets Isolation Requirements. Calc cement in annulus 12" casing from 20' to surface with cement caps. 152' to 16%, and 76' to surface. Calc cement in annulus 152' casing from 80' to surface with cement caps. 152' to 16%, and 76' to surface. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus 14" casing from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Well was plugged and abandoned from 800' to surface with Zonite per DOGGR History of Oil or Gas Well. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 40' to surface susming conservative 1 sx = 1 cut 1. No CBL. Meets Isolation Requirements. Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 8-5/8" casing from 443' to surface per DOGGR Water Shut-off Report. No CBL. Meets Isolation Requirements. Calc cement in annulus 15-7/8" casing from 20' to surface. Calc cement in annulus of 8-7/8" casing from 10' to surface. Well was plugged and abandoned from 805' to surface with cement per DOGGR Special Report on Cement in annulus 15-7/8" casing from 12' to surface per DOGGR Well Summary Report. Cement in annulus 16-7/8" casing from 52' to surface per Report on Cest Calc cement in annulus 16-7/8" casing from 52' to surface per Report on Cest Calc cement in annulus 16-7/8" casing from 52' to surface per Report on Cest Calc cement in annulus 16-7/8" casing from 52' to surface per Report on Cest Calc cement in annulus 16-7/8" casing from 52' to surface per DOGGR Well Summary Report. Calc cement in annulus 16-7/8" casing from 52' to surface per DOGGR Well Summary Report on Test of Water Shut-off. No CBL. Meets Isolation Requirements. Calc cement in annulus 16" casing from 20' to surface per DOGGR Well Summary Re	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft-150 ft MD above Top Oil @ 227 ft. Multiple capping shale	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930451 0402930473 0402930479 0402930504 0402930504 0402930508 0402930508 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Crestmont Water Aladdin Junction H.H. & F. Junction	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 340 1,159	181 208 203 175 164 220 286 225 197 190 253 219 232 251 239	267 227 241 244 234 219 274 350 278 233 233 291 254 264 290 325	Report, Calc cement in annulus 16" s/8" casing from 20" to surface per DOGGR Well Summary Report, Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report, Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Report, Calc cement in annulus 16" casing from 20" to surface per DOGGR Well Summary Well Calc cement in annulus 16" casing from 20" to surface with cement tender the case of the surface summary of the surface summary of the surface with cement to surface with cement to surface with cement to surface with cement to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800" to surface with Zonite per DOGGR Meets isolation Requirements (Calc cement in annulus 16" cas well. Meets isolation Requirements Calc cement in annulus 16" casing from 20" to surface. Calc cement in annulus of 8-5/8" casing from 487" to surface per DOGGR Water Shut-off Report on Requirements annulus 18" casing from 20" to surface calc cement in annulus of 8-5/8" casing from 480" to surface per DOGGR Water Shut-off Report on Requirements annulus 18" casing from 20" to surface per DOGGR Special Report on Requirements annulus 18" casing from 20" to surface per DOGGR Special Report on Requirements annulus 18" casing from 536" to surface per DOGGR Special Report on Potogration Water Shut-off. Calc cement in annulus 18" casing from 526" to surface per DOGGR Well Summary Report. Cement in annulus 36" casing from 32" to surface per DOGGR Well Summary Report Cement in annulus 36" casing from 32" to surface per DOGGR Well Summary Report Cement in annulus 36" casing from 32" to surface per DOGGR Well Summary Report Cement in annulus 36" casing from 52" to surface per DOGGR Report on 15th Water Shut-off. No CBL Meets Isolation Requirements well was plugged and abandoned from 270" to surface per DOGGR Report on 15th Water Shut-off. No CBL Meets Isolation Requirements well was plugged and abandoned from 270" to surface per DOGGR Report on 15th Water Shut-off. No	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173°. CBL shows cement caps from 76° to surface and a good cement bond at 181 ft. Several capping sillatione layers across intervals of ~210 ft.150 ft MD above Top Oil @ 227 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis.	Pass Zone Isolation
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0402930448 0402930449 0402930450 0402930451 0402930473 0402930479 0402930504 0402930504 0402930508 0402930508 0402930508	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Crestmont Water Aladdin Junction H.H. & F. Junction	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam	Active Active Plugged & Abandoned Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active Plugged & Abandoned Active Active Active Active Active Active Active	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 340 1,159	181 208 203 175 164 220 286 297 197 190 232 251 239 281 281	267 227 241 244 234 219 274 350 278 234 237 254 264 290 270 270 325	Report. Calc cement in annulus of 8-5/8" casing from 20 to surface per DOGGR Well Summary Report. Calc cement in annulus at 6-8/8" casing from 284 to surface with cement returns per DOGGR History of Oil or Gas Well. 2013 CBL shows good bond at 181", Needs Further Review. Whet Cap and Shale. Calc cement in annulus at 6" casing from 20 to surface calc cement in annulus of 8" casing from 20 to surface calc cement in annulus at 6" casing from 20 to surface. Calc cement in annulus of 8" casing from 487" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800 to surface. Calc cement in annulus of 8" (casing from 487" to surface assuming conservative 1 sx = 1 cu ft. No CBL. Well was plugged and abandoned from 800 to surface. Calc cement in annulus of 8" (casing from 20 to surface. Calc cement in annulus 14" casing from 20 to surface. Calc cement in annulus at 15" (calc cement in annulus 14" casing from 20 to surface. Calc cement in annulus 14" casing from 20 to surface. Calc cement in annulus 14" casing from 20 to surface assuming conservative 1 sx = 1 cu ft. No CBL. Meets isolation Requirements. Calc cement in annulus 14" casing from 20 to surface. Calc cement in annulus 14" casing from 20" to surface with cement per DOGGR Change of Well Status Report. Meets isolation Requirements. Calc cement in annulus 14" casing from 50° to surface per DOGGR Well Summary Report. Calc cement in annulus 15" casing from 12" to surface per DOGGR Well Summary Report. Calc cement in annulus 50° 85' casing from 50° to surface per DOGGR Well Summary Report. Calc cement in annulus 15" casing from 20° to surface per DOGGR Well Summary Report Calc cement in annulus 15" casing from 20° to surface per DOGGR Well Summary Report Calc cement in annulus 50° (calc cement in annulus	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173°. CBL shows cement caps from 76° to surface and a good cement bond at 181 ft. Several capping siltstone layers across intervals of ~210 ft.150 ft MD above Top Oil @ 227 ft. Multiple capping shale layers above injection zones. See capping shale/silt analysis. (09/15/2020) - CaVX- Agree, Re-Abandoning the well. (09/15/2020) - CVX- Upon further geologic re-siev. Qeologic isolation.	Pass Zone Isolation
0402930448 0402930449 0402930450 0402930452 0402930473 0402930479 0402930504 0402930508 0402930508 0402930508 0402935750 0402955750 0402956772 0402914967	Aladdin Aladdin Aladdin Aladdin Junction Junction Thomas Thomas Crestmont Water Aladdin Junction H.H. & F. Junction Aladdin Crestmont Crestmont	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09, 29S, 28E, MD	Cyclic Steam Cyclic Steam Oil & Gas Oil & Gas Oil & Gas Cyclic Steam Cyclic Steam Oil & Gas Cyclic Steam	Active Active Plugged & Abandoned Active Active Plugged & Abandoned Active Active Plugged & Abandoned Active Plugged & Abandoned Plugged & Abandoned	Chevron U.S.A. Inc.	220 398 no open perfs 270 302 #N/A 430 342 no open perfs 304 no open perfs 310 310 495 1,159 365 417 no open perfs	181 208 203 175 164 220 286 297 197 190 232 251 239 281 281	267 227 241 244 234 219 274 350 278 234 233 231 254 260 4N/A 237	Report. Calc cament in annulus of 8-5/8" casing from 512" to surface per DOGGR Mediston Requirements. Action common annulus and soft soft sample from 20" to surface per DOGGR Well Summary Report. Calc coment in annulus 51" casing from 20" to surface per DOGGR Well Summary Report. Calc coment in annulus 54" casing from 20" to surface with common services with common services with common services with common services. The common services with common services with common services with common services. Calc common in annulus 24" casing from 20" to surface calc common in annulus 24" casing from 20" to surface with Zonite per DOGGR History of Oil or Gas Well. Meets toolation Requirements. Action common services and services with zonite per DOGGR Mediston Requirements of the common services with services and services. Action of the common services with zonite per DOGGR Mediston Requirements of the common services with zonite per DOGGR Mediston Requirements. Calc common services with services and services with zonite per DOGGR Mediston Requirements. Calc common services with services and services with zonite per DOGGR Section Requirements. Calc common services with services and services with zonite per DOGGR Section Requirements. Calc common sequirements withresseed. Calc common services with services with services with services and services with servic	Well sidetracked from 234' to 1357'. Run 4 1/2" liner to 1357 with SSA at 179.63'. Property of the property o	ass Zone Isolation	(09/15/2020) - CVX - Geologic isolation. Sidetrack is below top oil 173'. CBL shows cement caps from 76' to surface and a good cement bord at 181 ft. Several capping siltstone layers across intervals of ~210 ft.150 ft Move Top Oil @ 227 ft. Multiple capping shale layers above injection zones. See capping shale/slit analysis. (09/15/2020) - CVX - Agree, Re-Abandon. 1926 well. Sand plug from 210-mpd does not see tregular enterview. Theoretical excess cement nounce 120-mpd does not see tregular enterview. Theoretical excess cement nounce 20-mpd for 20-mpd f	Pass Zone Isolation
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0402914969	Crestmont 3	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned Chevron U.	.S.A. Inc.	no open perfs	245	284	Well was plugged and abandoned from 626' to surface with two cement plugs from 626' to 317' and 10' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	12 1/2" & 8 1/4" casings landed at 505' & ?' respectivelly (no cement behind casing). Top of oil is at 284'. No cement outside and inside casings above the top oil. So there is potential conduit above the top oil behind and inside casings.	(01/22/2021) - CalGEM - Chevron has submitted monitoring plan (09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1917 well. Sand plug fron 317-10' does not meet requirements. Theoretical excess cement pumped and based on top of cement indicates a plug & squeeze which could put cement ~55' above top oil of 227'. Drilling report indicates first oil encountered at 465'. With that being said, the plug sand which does not meet requirements.	Fail Zone Isolation
0402958930	Kern County Land Co. Lease 39 250-9	09, 29S, 28E, MD	Oil & Gas	Active Chevron U.	.S.A. Inc.	375	171	239	Calc cement in annulus of 10-3/4" casing from 80' to surface per DOGGR History of Oil and Gas Well. Calc cement in annulus of 5-1/2" casing from 1049' to surface with 10 cu ft of cement return per Completion Report. 1983 CBL shows good bond at 194' with cement caps 154' to 166' and 130' to surface. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0402960049	Aladdin 502	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	410	205	247	Calc cement in annulus of 5-1/2" casing from 1097' to surface with 118 cu ft cement returns per DOGGR History of Oil or Gas Well. 1980 CBL shows good bond at 294' with cement caps 92' to 181', and 42' to 81'. Meets Isolation Requirements.	(08/14/2020) - Operator submitted the requested CBL. Need to email operator for the CBL		Pass Zone Isolation
0402924961	H.H. & F. 7	09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned Chevron U.	.S.A. Inc.	no open perfs	212	243	Well was plugged and abandonded from 590' to 465' per DOGGR Log of Oil or Gas Well. No proof of well cemented beyond 465' and top of oil is 175'. Remediate or Abandon Needs Further Review. Remediate, Top of Oil Above Top of Cement.	Permit # 7016548 to Re-Abandon was issued on 05/12/2020 Pending Re-Abandon o	(09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. Permit # 7016548 to Re- perations Abandon was issued on 05/12/2020. 1916 well. Drilling report indicates first oil encountered at 422'. Deeper than WBD top oil of	Fail Zone Isolation
0402968207	Crestmont 500	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	430	218	248	Calc cement in annulus of 5-1/2" casing from 1079' to surface with 56 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation	175'.	Pass Zone Isolation
0402968208	Crestmont 501	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	414	276	320	Calc cement in annulus of 5-1/2" casing from 1144' to surface with 95 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0402987429	Aladdin 17	09, 29S, 28E, MD	Oil & Gas	Active Chevron U.	.S.A. Inc.	375	167	226	Calc cement in annulus of 7" casing from 1126' to surface with 84 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0402988098	Crestmont 13	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	488	275	324	Calc cement in annulus of 7" casing from 744' to surface with 90 cu ft cement returns per DOGGR History of Oil or Gas Well. 1991 CBL shows good bond at 130' with cement cap 75' to 108'. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0402988099	Aladdin 18	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	413	210		Calc cement in annulus of 7" casing from 1149' to surface with 56 cu ft cement returns per DOGGR History of Oil or Gas Well. 1991 CBL shows top of cement to 28'.	Pass Zone Isolation		Pass Zone Isolation
0402988100	Aladdin 16	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	405	205		Calc cement in annulus of 7" casing from 546' to surface with 25 cu ft cement returns per DOGGR History of Oil or Gas Well. 1991 CBL shows top of cement to 46'. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0402942114	Crestmont 8	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	437	241	280	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 6-5/8" casing from 969' to 389' per DOGGR Report on Test of Water Shut-off. No CBL. Recommend to Remediate.	Permit # 7010694 - 01 for cement remediation issued on 04/13/2020 Pending the receive of history for permit # 702	(01/22/2021) - Our record shows a Supplementary permit has been issued to remediate the casing annulus above the top oil. Please update us on the status of the Supplementary permit. (09/15/2020) - CVX-agree, Remediate. Permit # 7010694 - 01 for cement remediation issued on 04/13/2020.	Fail Zone Isolation
0403002386	Aladdin 20	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	340	175	224	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1128' to surface with 67 cu ft cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0402957323	Thomas 19	09, 29S, 28E, MD	Oil & Gas	Active Chevron U.	.S.A. Inc.	354	160	217	Calc cement in annulus of 7" casing from 1085' to surface with 50 cu ft cement returns per DOGGR History of Oil or Gas Well. 10/6/1979 CBL shows good bond at 260' with cement caps 168' to 204', 102' to 119', and 44' to surface. Recommend Remediation, Not 100' cement Above Top Oil.		(09/15/2020) - CVX-Upon further geologic review, geologic isolatio . Several interbedded capping siltstone layers across intervals of ~210 100 ft MD above Top Oil @ 217 ft. Multiple capping shale above injection zones. See capping shale/silt analysis. CBL shows a good cement bond at 260 ft and several cement caps above Top Oil	Oft- Pass Zone Isolation
0403002391	Aladdin 19	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	357	188	232	Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1140' to surface with 28 cu ft cement returns per DOGGR History of Oil or Gas Well. 2003 CBL shows good bond at 74'. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403007926	Crestmont 14	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	446	250	286	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1174' to surface with 2 bbls cement returns per History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403008883	Crestmont 15	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	399	259		Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1184' to surface. No CRI CRI CRI Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403009011	Junction 105	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	391	235	288	Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1259' to surface with 4bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403010009	Junction 524	09, 29S, 28E, MD	Injection	Plugged & Abandoned Chevron U.	.S.A. Inc.	no open perfs	286	354	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Well was plugged and abandoned from 240' to surface with cement per DOGGR Report on Operations. Meets Isolation Requirements. Meets Isolation Requirements.	Pumped 190 cf from 208. The volume theoretically will fill the 7 7/8" hole from 560' to surface, 1/2 barrel of cement return to surface.		Pass Zone Isolation
0403011194	Crestmont 503	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	416	279	334	Calc cement in annulus 10-3/4" casing from 80' to surface per DOGGR Well Summary Report. Calc cement in annulus of 5-1/2" casing from 1170' to surface with 1 bbl cement return per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403024810	Crestmont 16	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	484	264	305	Calc cement in annulus 12" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1255' to surface. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403024811	Crestmont 17	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	482	236	270	Calc cement in annulus 12" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1213' to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 12" casing from 40' to surface per DOGGR Well Summary	Pass Zone Isolation		Pass Zone Isolation
0403024813	Thomas 25	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	312	205	244	Report. Calc cement in annulus of 7" casing from 1224' to surface. No CBL. Meets Isolation Requirements. Calc cement in annulus 8-5/8" casing from 490' to surface per DOGGR Well	Pass Zone Isolation		Pass Zone Isolation
	Kern County Land Co. Lease 39 1-9	09, 29S, 28E, MD		Plugged & Abandoned Chevron U.			268	317	Summary Report. Well was plugged and abandoned from 920' to surface with cement per DOGGR Cement/ Plugging Memo. Meets Isolation Requirements. Calc cement in annulus of 8-5/8" casing from 490' to surface assuming	Pass Zone Isolation		Pass Zone Isolation
	Kern County Land Co. Lease 39 440-9	09, 29S, 28E, MD		Active Chevron U.		390	257		conservative 1 sx = 1 cu ft. No CBL. Calc cement in annulus 10-3/4" casing from 110' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1005' to surface per	Pass Zone Isolation		Pass Zone Isolation
0403040105	Kern County Land Co. Lease 39 20-9	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	468	264	314	DOGGR History of Oil or Gas Well. 2010 CBL shows top of cement to surface. Meets Isolation Requirements. Calc cement in annulus 12" casing from 80' to surface per DOGGR Well Summary	Pass Zone Isolation		Pass Zone Isolation
0403040970	Aladdin 400	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	440	227	268	Report. Calc cement in annulus of 7" casing from 1286' to surface with 18 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Calc cement in annulus 12" casing from 80' to surface per DOGGR Well Summary	Pass Zone Isolation		Pass Zone Isolation
0403040971	Crestmont 408	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	464	248	289	Report. Calc cement in annulus of 7" casing from 1330' to surface with 20 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403040980	Kern County Land Co. Lease 39 433-9	09, 29S, 28E, MD	Cyclic Steam	Idle Chevron U.	.S.A. Inc.	402	283	336	Calc cement in annulus 12" casing from 52' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1343' to surface with 30 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403043854	Kern County Land Co. Lease 39 417H	09, 29S, 28E, MD	Multi-Purpose	Active Chevron U.	.S.A. Inc.	1,024	293	483	Calc cement in annulus 12" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1030' to surface with 38 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403047575	Junction 129	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	1,077	274	312	Calc cement in annulus 12-3/4" casing from 40' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 251' to surface with 17 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403050748	Junction 132H	09, 29S, 28E, MD	Cyclic Steam	Idle Chevron U.	.S.A. Inc.	1,080	366	628	Calc cement in annulus 12-1/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1090' to surface with 60 bbls cement returns per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403053177	Junction 137H	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	1,291	374	657	Calc cement in annulus 12-3/4" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1301' to surface with 42bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.	Pass Zone Isolation		Pass Zone Isolation
0403053178	Junction 136H	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	1,247	374	666	Calc cement in annulus 12-3/4" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1256' to surface with 50bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403054397	Kern County Land Co. Lease 39 609H	09, 29S, 28E, MD	Oil & Gas	Active Chevron U.	.S.A. Inc.	1,649	265	327	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1656' to surface with 50bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403054399	Kern County Land Co. Lease 39 611H	09, 29S, 28E, MD	Oil & Gas	Active Chevron U.	.S.A. Inc.	1,573	253	303	Meets Isolation Requirements. Calc cement in annulus 12" casing from 94' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1583' to surface with 48bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403057070	May 61H	08, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	1,383	435	538	Calc cement in annulus 12" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1406' to surface with 35bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Moets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403002390	Aladdin 21	09, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	360	194	238	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 60' to surface per DOGGR Report on Operations. Calc cement in annulus of 7" casing from 1132' to surface with 34 cu ft cement returns per DOGGR History of Oil or Gas Well. 2002 CBL shows good bond at 235' with cement cap 188' to 203'. Recommend Remediation.	(08/14/2020) - Operator submitted the requested CBL. Need to email operator for the CBL	(09/15/2020) - CVX - Geologic isolation . Uploaded CBL to Box.com Thick interbedded capping siltstone layers across intervals of ~170 f to 75ft MD above Top Oil @ 188 ft. CBL shows a good cement bond 235' with cement cap ~30' thick above Top Oil at 188 ft. Multiple capping shale layers above injection zones . See capping shale/silt	at Pass Zone Isolation
0403060653	May 54H	08, 29S, 28E, MD	Cyclic Steam	Active Chevron U.	.S.A. Inc.	1,663	552	560	Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1678' to surface with 25bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation	analysis.	Pass Zone Isolation
0403063144	May 65H	08, 29S, 28E, MD	Oil & Gas	Permitted Chevron U.	.S.A. Inc.	1,637	442	670	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1647' to surface with 55bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements	Pass Zone Isolation		Pass Zone Isolation
0403063280	May 67H	08, 29S, 28E, MD	Cyclic Steam	Permitted Chevron U.	.S.A. Inc.	1,526	451	601	Meets Isolation Requirements. Calc cement in annulus 12-3/4" casing from 54' to surface per DOGGR Well Summary Report. Calc cement in annulus of 7" casing from 1537' to surface with 46bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL.	Pass Zone Isolation		Pass Zone Isolation
		, , , , , , , , , , , , , , , , , , , ,			-				46bbls of cement return to surface per DOGGR History of Oil or Gas Well. No CBL. Meets Isolation Requirements.			

SKR_A_19BP_VED_771

API10		Lease	Well Number	PLSS	Well Type	CalGEM Well Status	Owner	Open Top Perf (Ft. Md)	Est. Top Seal	Est. Ops Top Oil	Chevron Isolation Analysis	Chevron Recommendation	CalGEM Comments	CalGEM Initial Decision	CalGEM & Chevron Comments	CalGEM Final Decision
0402942113	Crestmont		7	9, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	487	27	330	Calc cement in annulus 14" casing from 20' to surface per DOGGR Well Summary Report. Cement in annulus 6-5/8" casing to 160'. 4/17/2002 CBL shows cement of from 100' to surface. Recommend Remediation, No cement 100'+ above top oil.	Remediate or Abandon	Pending the receiving of the requested CBL dated 4/17/2002	Pending Remediate or Abando	(01/21/2021) - CalGEM - CVX has proposed to abandon the well. (10/27/2020) -CalGEM - CVX submitted a better quality CBL. The CBL shows a poor cement bonding above the top oil. (10/21/2020) - CVX submitted the requested CBL, but it is blurry, please submit a better-quality copy of the CBL. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL dated 4/17/2002 (09/15/2020) - CVX-Upon further geologic review, geologic isolation. Thick interbedded capping siltstone layers above Top Perf. Multiple interbedded capping siltstone layers above injection zones. See capping shale/silt analysis.	Fail Zone Isolation
0402957322	Thomas		18	9, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	316	19	4 23	Calc cement in annulus of 7" casing with cement loss. 1979 CBL shows good bon at 320' with cement cap 204' to 254'. Recommend Remediation, Not 100'+ cement above top oil.	d Remediate or Abandon	Pending the receiving of the requested CBL dated 1979	Pending Remediate or Abando	(10/21/2020) - CalGEM - CBL Variable Density (VD) shows poor cement bonding above the top oil, only good cement bonding at 320 ft with cement cap 204 ft to 254 ft as stated by CVX (column # L) which it is only 19 ft above the oil zone. (09/22/2020) - CalGEM - Pending the receiving of the requested CBL dated 1979 (09/15/2020) - CVX-Upon further geologic review, geologic isolation . Multiple thick interbedded capping siltstone layers across intervals of ~80 ft-170 ft MD above Top Oil @ 235 ft. Multiple capping siltstone layers above injection zones. See capping shale/silt analysis.	Fail Zone Isolation
0402914967	Crestmont		1 (09, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	#N/A	#N/A	Well was plugged and abandoned from 900' to surface with two cement plugs from 900' to 210' and 10' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	12 1/2" casing landed at 463' (no cement behind casing). Top of oil is at 239' from the offset well "Crestmont 12" - API 0402957329. So there is potential conduit above the top oil behind the 12 1/2" casing	Corrective Action is required	(09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1926 well. Sand plug from 210-10' does not meet requirements. Theoretical excess cement pumped indicates a plug & squeeze. However, there was not enough excess to cover top oil.	Fail Zone Isolation
0402914968	Crestmont		2	9, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	20	1 234	Well was plugged and abandoned from 676' to surface with two cement plugs from 676' to 312' and 14' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	9 5/8" & 8 5/8" casings landed at 494' & 673' respectivelly (no cement behind casing). Top of oil is at 234'. No cement begind and inside casings above the top oil. So there is potential conduit above the top oil behind and inside casings	Corrective Action is required	(01/22/2021) - CalGEM - Chevron has submitted monitoring plan (09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1967 well. Could not find any additional data.	Fail Zone Isolation
0402914969	Crestmont		3	9, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	24	5 284	Well was plugged and abandoned from 626' to surface with two cement plugs from 626' to 317' and 10' to surface per DOGGR History of Oil or Gas Well. Meets Isolation Requirements	Meets Isolation Requirements	12 1/2" & 8 1/4" casings landed at 505' & ?' respectivelly (no cement behind casing). Top of oil is at 284'. No cement outside and inside casings above the top oil. So there is potential conduit above the top oil behind and inside casings.	Corrective Action is required	(01/22/2021) - CalGEM - Chevron has submitted monitoring plan (09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. 1917 well. Sand plug from 317-10' does not meet requirements. Theoretical excess cement pumped and based on top of cement indicates a plug & squeeze which could put cement ~55' above top oil of 227'. Drilling report indicates first oil encountered at 465'. With that being said, the plug is sand which does not meet requirements.	Fail Zone Isolation
0402924961	H.H. & F.		7	9, 29S, 28E, MD	Oil & Gas	Plugged & Abandoned	Chevron U.S.A. Inc.	no open perfs	21:	2 24:	Well was plugged and abandonded from 590' to 465' per DOGGR Log of Oil or G Well. No proof of well cemented beyond 465' and top of oil is 175'. Needs Further Review. Remediate, Top of Oil Above Top of Cement.	as Remediate or Abandon	Permit # 7016548 to Re-Abandon was issued of 05/12/2020	Pending Re-Abandon operatio	(09/22/2020) - CalGEM - Pending Re - abandoning the well. (09/15/2020) - CVX - Agree, Re-Abandon. Permit # 7016548 to Re-	Fail Zone Isolation
0402942114	Crestmont		8	9, 29S, 28E, MD	Cyclic Steam	Active	Chevron U.S.A. Inc.	437	24	1 280	Calc cement in annulus 14" casing from 20' to surface. Calc cement in annulus of 5/8" casing from 969' to 389' per DOGGR Report on Test of Water Shut-off. No CBL. Recommend to Remediate.	f 6- Remediate or Abandon	Permit # 7010694 - 01 for cement remediation issued on 04/13/2020	Pending the receive of the history for permit # 7010694-0	(01/22/2021) - Our record shows a Supplementary permit has been issued to remediate the casing annulus above the top oil. Please update us on the status of the Supplementary permit. (09/15/2020) - CVX-agree, Remediate. Permit # 7010694 - 01 for cement remediation issued on 04/13/2020.	Fail Zone Isolation

BACKGROUND

UIC34000013_VED_771 is a ninepattern infill steam injector development project located on Section 09, Township 29S, Range 28E of the Kern River field (see Figure 1). CalGEM's review of VED_771 initially identified nine AOR wells that "fail" isolation requirements. Chevron proposes to abandon one active well, reabandon two previously abandoned wells, and monitor the remaining six "fail" wells using offset temperature observation wells. The "fail" wells, their status and Chevron recommendations are listed in Table 1 below.

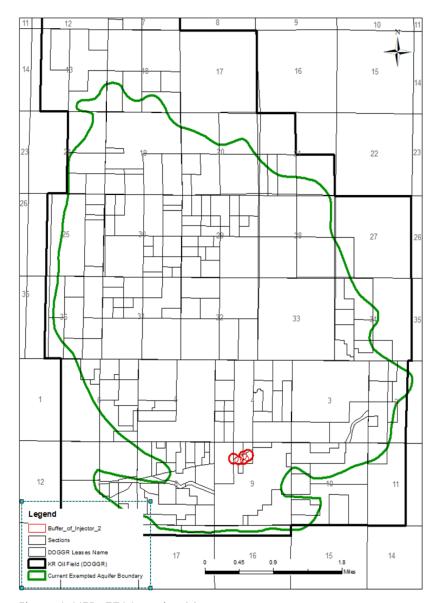


Figure 1: VED_771 Location Map

Table 1: CalGEM "fail" wells & Chevron Proposal

API10	Lease	Well Number	Well Status	CalGEM Review	Chevron Proposal
402914967	Crestmont	1	Plugged & Abandoned	Fail	Re-abandon
402914968	Crestmont	2	Plugged & Abandoned	Fail	Monitor
402914969	Crestmont	3	Plugged & Abandoned	Fail	Monitor
402942113	Crestmont	7	Active	Fail	Abandon
402957322	Thomas	18	Active	Fail	Monitor
402924961	H.H. & F.	7	Plugged & Abandoned	Fail	Re-abandon
402942114	Crestmont	8	Active	Fail	Monitor

VED_771 is targeting the R flow unit, one of the stratigraphically deepest flow units of the Kern River Series. Shallower flow units within the Kern River series were previously targeted with steam injection from 1983 to 2010, resulting in the development of low pressure, steam chests in these units.

The most recent downhole temperature logs in the vicinity of VED_771 are shown in *Figure 2*. The date of each log is displayed, the oldest being November 2018. The logs demonstrate that previous steam injection in this area was confined within the Kern River Series. The temperature in each log decreases steadily and does not spike above the top of the Kern River Series indicating no convective heating above top of zone. The logs also show that the previously flooded shallower units have a maximum temperature of 245 degrees which, according to saturated steam tables, equates to a low reservoir pressure of 27 psi. In the unlikely event that steam migrates out of the target R zone, it would flow to the lower pressure shallower zones and stay confined within the UIC permitted Kern River Series.

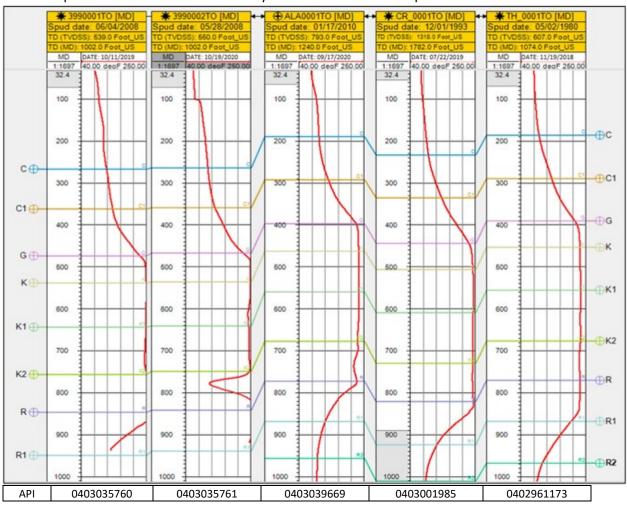


Figure 2: VED_771 Temperature Logs

CHEVRON'S PROPOSAL

For the six "fail" wells shown in Table 2, and in lieu of remediation/abandonment, Chevron proposes to monitor reservoir temperature to ensure that the injected steam remains confined in zone.

Table 2: "Fail" well monitoring proposal

"fail" well API 10	Lease	Well Number	Well Status	TOW API	TOW Well Name	Distance (ft) "fail" well to TOW	
0402914968	Crestmont	2	Plugged & Abandoned	0403001985	CR 1TO	115	
0402914969	Crestmont	3	Plugged & Abandoned	0403001985	CR 1TO	135	
0402957322	Thomas	18	Active	0403039669	TH 1TO	111	
0402942114	Crestmont	8	Active	0403035760	CR 1TO	147	

Chevron proposed to run temperature logs in the offset Temperature Observation Wells (TOWs) shown in Table 2 and Figure 3 annually. Chevron will analyze the logs to ensure steam containment and "upload the test results" via proper form through WellSTAR for CalGEM review and approval.

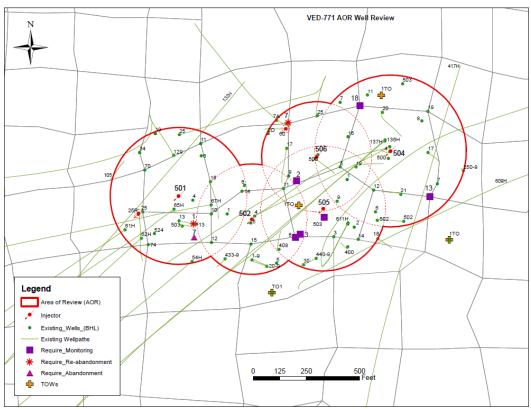


Figure 3: map of TOW monitoring wells

STATE OF CALIFORNIA--THE RESOURCES AGENCY

DEPARTMENT OF CONSERVATION

4800 STOCKDALE HWY, SUITE 417 BAKERSFIELD, CALIFORNIA 93309 (661) 322-4031 FAX: (661) 861-0279

November 5, 2002

Mr. M. R. Marquez ChevronTexaco Expl. & Prod. Co P.O. Box 1392 Bakersfield, CA 93302 STEAMFLOOD PROJECT Kern River Field Kern River Zone Entire Field

Project Code: 34000013

Max. Permitted Volume: 1,164,000 B/D

Max. Permitted Well(s): 3,153

Note: Notify this office if either of these

values is exceeded.

Dear Mr. Marquez:

The consolidation and expansion of the project designated above is approved provided:

- 1. Notices of intention to drill, redrill, deepen, rework, or abandon, on current Division forms (OG105, OG107, OG108) shall be completed and submitted to the Division for approval whenever a new well is to be drilled for use as an injection well and whenever an existing well is converted to an injection well, even if no work is required on the well.
- 2. This office shall be notified of any anticipated changes in a project resulting in alteration of conditions originally approved, such as: increase in size, change of injection interval, or increase in injection pressures. Such changes shall not be carried out without Division approval.
- 3. A monthly Injection Report shall be filed with this Division on our Form OG110B on or before the last day of each month, for the preceding month, showing the amount of fluid injected, and surface pressure required for each injection well.
- 4. A chemical analysis of the fluid to be injected shall be made and filed with this Division whenever the source of injection fluid is changed, or as requested by this office. ALL FLUIDS MUST MEET CLASS II CRITERIA.
- .5. All fluid sampling and analyses required by this Division are done in accordance with the provisions of the Division's Quality Assurance Program. Please refer to the Division's "Notice to Oil and Gas Operators" dated: November 17, 1986.

- Data shall be maintained to show performance of the project and to establish that no damage to 6. life, health, property, or natural resources is occurring by reason of the project. Injection shall be stopped if there is evidence of such damage, of loss of hydrocarbons, or upon written notice from the Division. Project data shall be available for periodic inspection by Division personnel.
- Injection profile surveys for all steamflood injection wells shall be run within three (3) months 7. after injection has commenced, once every five years thereafter, after any significant anomalous rate or pressure change, or as requested by the Division, to confirm that the injection fluid is confined to the proper zone or zones. This monitoring schedule may be modified by the district deputy. Records of surveys shall be maintained and made available upon request. Unless otherwise requested, survey long are not to be sent to this office.
- An accurate, operating pressure gauge or pressure recording device shall be available at all 8. times, and all injection wells shall be equipped for installation and operation of such gauge or device. A gauge or device used for injection pressure testing, which is permanently affixed to the well or any part of the injection system, shall be calibrated at least every six months. Portable gauges shall be calibrated at least every two months. Evidence of such calibration shall be available to the Division upon request.
- The maximum allowable injection pressure gradient is limited to 0.7 psi per foot of depth as 9. measured at the top perforation. Prior to any sustained injection above this gradient, rate-pressure tests shall be made. The test shall begin at the hydrostatic gradient of the injection fluid to be used and shall continue until either the intended maximum injection pressure is reached or until the formation fractures, whichever occurs first. These tests shall be witnessed, unless otherwise instructed, and the test results submitted to this Division for approval.
- All injection piping, valves, and facilities shall meet or exceed design standards for the injection 10. pressure and shall be maintained in a safe and leak-free condition.
- 11. Any remedial work needed as a result of this project on idle, abandoned, or deeper zone wells in order to protect oil, gas, or freshwater zones, shall be the responsibility of the project operator.
- 12. Additional data will be supplied upon request of the Division.

Sincerely,

Hal Bopp

Deputy Supervisor

Division of Oil, Gas, and Geothermal Resources

cc: RWQCB UIC file

uic/wp/sf

STATE OF CALIFORMIA--THE RESOURCES AGENCY

DEPARTMENT OF CONSERVATION

4800 STOCKDALE HWY, SUITE 417 BAKERSFIELD, CALIFORNIA 93309 (661) 322-4031 FAX: (661) 861-0279

November 5, 2002

Mr. M. R. Marquez ChevronTexaco Expl. & Prod. Co P.O. Box 1392 Bakersfield, CA 93302

RE: Injection Projects Merger

Dear Mr. Marquez:

As a result of the merger of Chevron and Texaco, this office has consolidated the following projects to simplify the reporting and reviewing process. Also, attached is your new project approval letter.

1) Steamflood, Kern River field, Kern River zone, projects #34000008 and #34000013 have been merged into project #34000013.

If you have any questions, please call me at 661-322-4031.

Sincerely,

Richard S. Thesken

Richard Thisken

Associate Engineer

Division of Oil, Gas and Geothermal Resources

uic\wp\merger