Form 3160-4
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2021

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM905887

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Competion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

8. Well Name and Well No.

3. Address

3a. Phone No. *(Include area code)*

9. API Well No.

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface

At top prod. interval reported below

At total depth

10. Field and Pool or Exploratory

11. Sec., T., R., M., on Block and Survey or Area

12. County or Parish

13. State

14. Date Spudded

15. Date T.D. Reached

16. Date Completed ☐ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

18. Total Depth: MD TVD

19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom
A)		
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
09/23/22			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

32. Additional remarks (include plugging procedure).

WCR associated with dead lease (extension is a "Z.") AFMSS backend has been corrected and since WCRs are a static report, resubmittal would be required to correct. Adjusted the lease and the Date of First Production (day forward error verified via FPM)

APPROVED
By Allison Morency at 7:34 am, Jul 03, 2025

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* _____ Title _____

Signature _____ Date _____

Title 18 U.S C. Section 1001 and Title 43 U.S C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.
ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.
ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.
ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.
This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.
Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Additional Information
Location information: 00S1

SHL: LOT: 4 / 310 FSL / 1625 FWL / TWSP: 22S / RNG: 32E / SEC: 18 / LAT: 32.3851171 / LONG: -103.7176837
KOP: D / 163 FNL / 578 FWL / TWSP: 22S / RNG: 32E / SEC: 19 / LAT: 32.3838039 / LONG: -103.7210749
PPP: LOT: 4 / 181 FSL / 491 FWL / TWSP: 22S / RNG: 32E / SEC: 18 / LAT: 32.3847462 / LONG: -103.7213584
EXIT: LOT: 1 / 182 FNL / 517 FWL / TWSP: 22S / RNG: 32E / SEC: 7 / LAT: 32.412773 / LONG: -103.7212577
BHL: LOT: 1 / 21 FNL / 528 FWL / TWSP: 22S / RNG: 32E / SEC: 7 / LAT: 32.4132145 / LONG: -103.7212228

Additional Cement Segments for Casings: 00S1

Hole Size: 9.875, Size/Grade: 7.625 / HCL-80, Wt. (#ft): 26.4, Top (MD): 0, Bottom (MD): 11328

Cementing/Segment - Stage Cementer Depth: null, No of Sks: 687.0, Type of Cement: Class H, Slurry Vol BBL: 2253.8, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS H, Cement Tail Qty (sks): 705.0, Cement Tail Yield (cu.ft/sks): 1.35, Cement Tail Top (MD): 0.0

Cementing/Segment - Stage Cementer Depth: null, No of Sks: 1242.0, Type of Cement: CLASS C, Slurry Vol BBL: 2253.8, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS C, Cement Tail Qty (sks): 591.0, Cement Tail Yield (cu.ft/sks): 1.91, Cement Tail Top (MD): 0.0

Additional Production Tests for Intervals: 00S1
Interval: A Test: 2

Date First Produced: 09-22-2022, Test Date: 10-16-2022, Hours Tested: 24, Oil BBL: 6091, Gas MCF: 10621, Water BBL: 6315, Oil Gravity Corr. API: null, Gas Gravity: null, Production Method: GAS LIFT, Choke Size: null, Tbg. Press. Flwg. SI: null, Csg. Press.: 1771, Oil BBL: 6091, Gas MCF: 10621, Water BBL: 6315, Gas/Oil Ratio: 1743

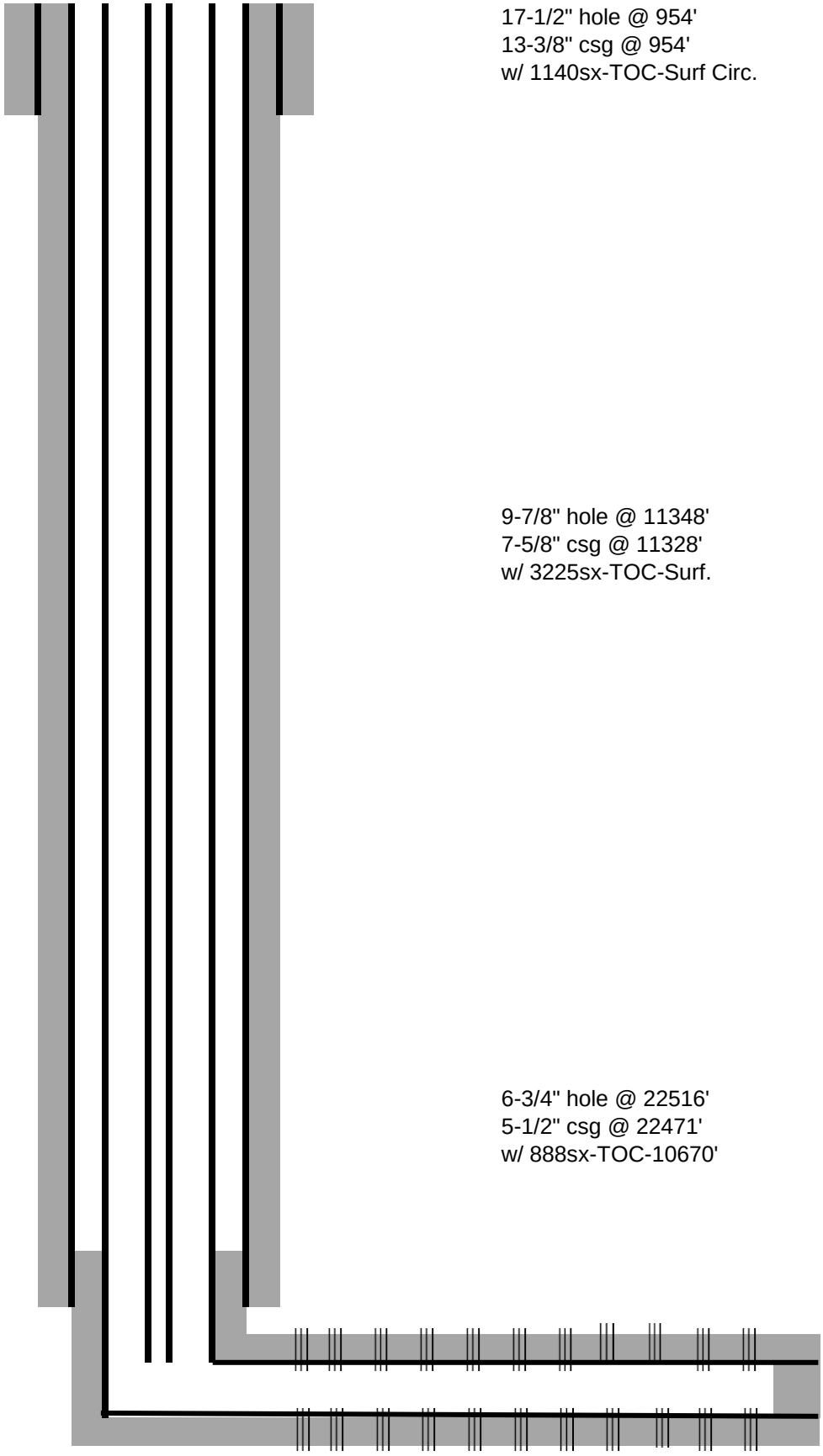
Summary of Porous Zones Information:

Formation: BRUSHY CANYON, Descriptions, Contents, etc: , Bottom: 6783
Formation: BONE SPRING, Descriptions, Contents, etc: , Bottom: 8605
Formation: BONE SPRING 1ST, Descriptions, Contents, etc: , Bottom: 9660
Formation: BONE SPRING 2ND, Descriptions, Contents, etc: , Bottom: 10344
Formation: BONE SPRING 3RD, Descriptions, Contents, etc: , Bottom: 11336
Formation: WOLFCAMP, Descriptions, Contents, etc: , Bottom: 11870

Attachments: 00S1

Log Attachments:
1) DrPiFedUnit18_7IPP31H_WBD_20230228152534.pdf
2) DrPiFedUnit18_7IPP31H_CBL_20230228152429.pdf
3) DrPiFedUnit18_7IPP31H_FinalDirectionalSurvey_20230228152442.pdf
4) DrPiFedUnit18_7IPP31H_AsDrilledC102_20230228152454.pdf

OXY USA Inc.
DR PI FEDERAL UNIT 18-7 IPP 31H
API No. 30-025-48160



Company	Petrocan	Date	2-Jan-2011
Well	Stoll Pieta	Time	14:00
Field	Pieta	Depth	1:240
Location	100/16-04-060-05W6	Scale	1:240
Operator	Petrocan	Operator	Petrocan
Rig	Rig 1	Rig	Rig 1
Elevation	1000 m	Elevation	1000 m
Log Measured From	KB	Log Measured From	KB
Drilling Measured From	KB	Drilling Measured From	KB
Permanent Datum	KB	Permanent Datum	KB
Log Date	2-Jan-2011	Log Date	2-Jan-2011
Log Number	1	Log Number	1
Run Number	1	Run Number	1
Depth Driller	1000 m	Depth Driller	1000 m
Depth Logger	1000 m	Depth Logger	1000 m
Bottom Log Interval	1000 m	Bottom Log Interval	1000 m
Top Log Interval	0 m	Top Log Interval	0 m
Casing Driller	0 m	Casing Driller	0 m
Casing Logger	0 m	Casing Logger	0 m
Bit Size	0 m	Bit Size	0 m
Type Fluid in Hole	Water	Type Fluid in Hole	Water
Density	1.000 g/cm3	Density	1.000 g/cm3
Viscosity	1.000 mPa.s	Viscosity	1.000 mPa.s
Max Temp	0 C	Max Temp	0 C
Equipment	1000	Equipment	1000
Recorded By	Jay Fundenberg	Recorded By	Jay Fundenberg
Witnessed By	Jay Fundenberg	Witnessed By	Jay Fundenberg

Petrocan

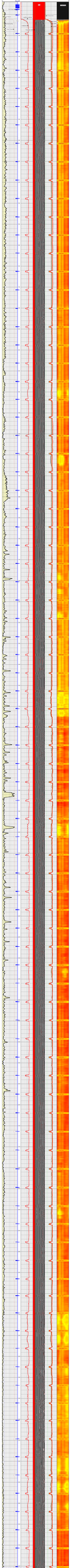
Stoll Pieta

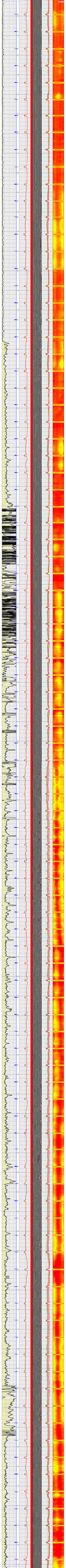
Jan-02

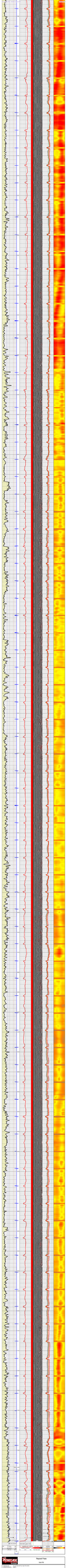
Petrocan

Stoll Pieta

Jan-02



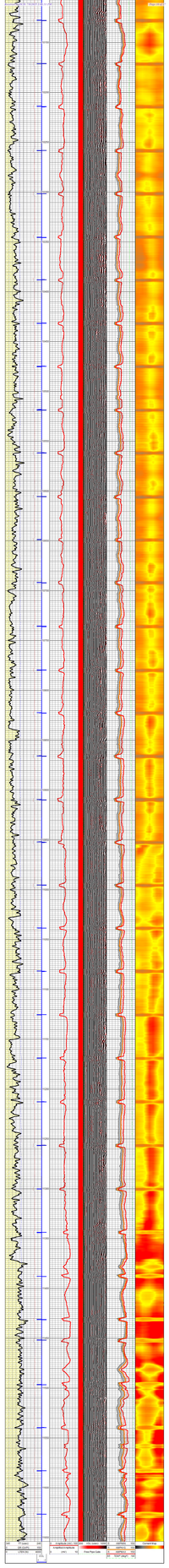




Tension Plots

Depth 1:

Pinecast Logging Services
Pinecast Logging Services
Pinecast Logging Services


Log Variables
Log Scale
Log Scale
Log Scale

Schlumberger

OXY

Borehole:	Well:	Field:	Structure:
Dr Pi Fed Unit 18_7 IPP 31H	Dr Pi Fed Unit 18_7 IPP 31H	NM Lea County (NAD 83)	Oxy Dr Pi Fed Unit 18_7 IPP Pad (Citadel 3)

Gravity & Magnetic Parameters

Model:	IFR1	Dip:	60.143°	Date:	30-Jul-2022
MagDec:	6.73°	FS:	47826.9nT	Gravity FS:	998.455mgn (9.80665 Based)

Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

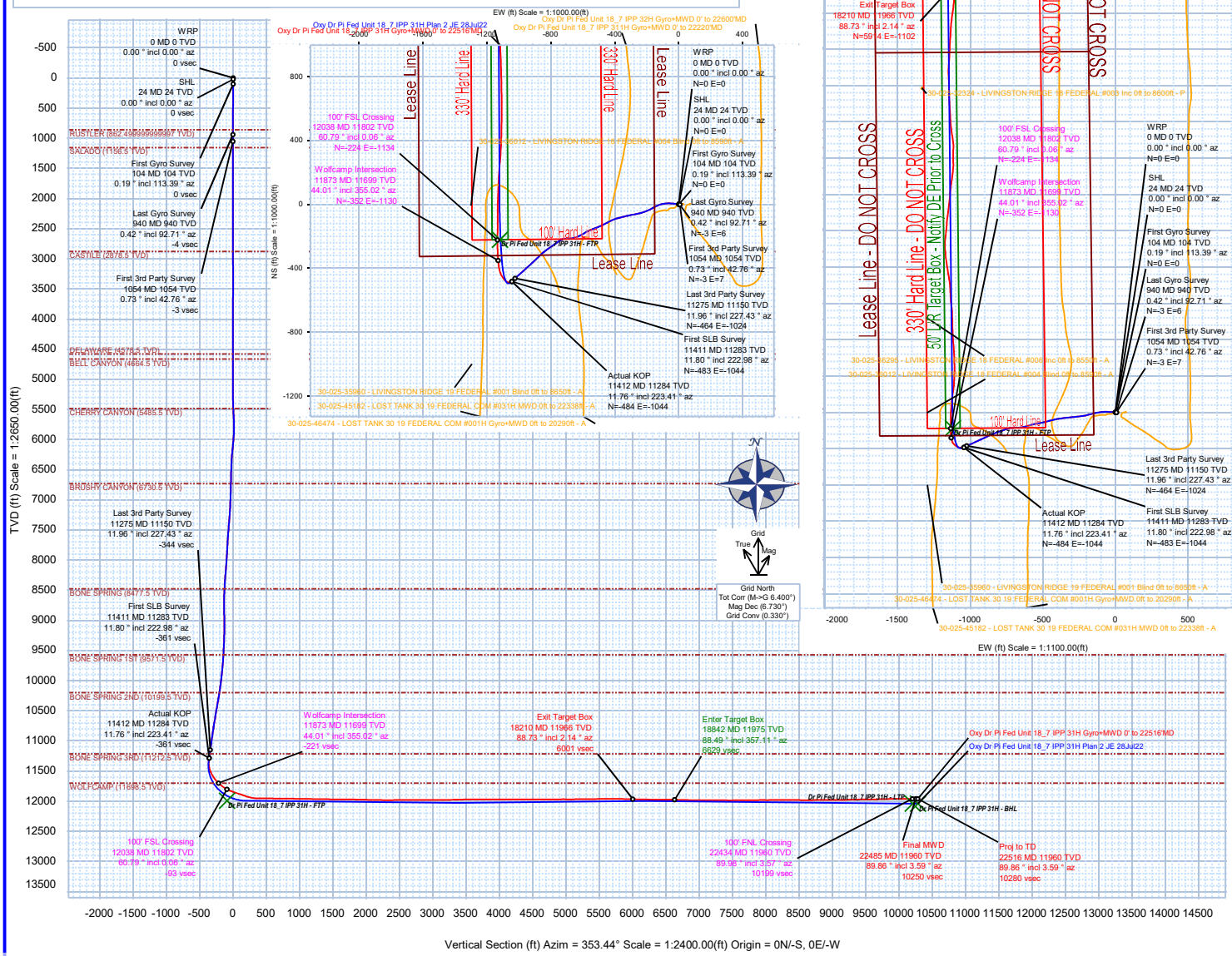
Lat:	N 32 23 6.42	Northing:	504383.99ftUS	Grid Conv:	0.3298°
Lon:	W 103 43 3.66	Easting:	731381.11ftUS	Scale Fact:	0.99995045

Miscellaneous

Slot:	Dr Pi Fed Unit 18_7 IPP 31H	TVD Ref:	RKB(3646.5ft above MSL)
Plan:	Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD		

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00
First Gyro Survey	103.89	0.19	113.39	103.89	-0.07	-0.05	0.12	0.24
Last Gyro Survey	939.64	0.42	92.71	939.61	-3.85	-3.17	6.14	0.19
First 3rd Party Survey	1054.00	0.73	42.76	1053.97	-3.44	-2.66	7.06	0.49
Last 3rd Party Survey	11275.00	11.96	227.43	11149.97	-343.71	-463.68	-1024.04	0.80
First SLB Survey	11411.00	11.80	222.98	11283.06	-361.02	-483.39	-1043.90	0.68
Actual KOP	11412.00	11.76	223.41	11284.04	-361.16	-483.54	-1044.04	9.63
Wolfcamp Intersection	11872.64	44.01	355.02	11698.50	-220.86	-352.25	-1130.40	12.29
100' FSL Crossing	12038.00	60.79	0.06	11802.43	-93.44	-224.40	-1133.99	15.75
Exit Target Box	18210.00	88.73	2.14	11966.17	6001.39	5914.22	-1102.11	0.37
Enter Target Box	18842.00	88.49	357.11	11974.56	6629.16	6545.97	-1103.52	5.07
100' FNL Crossing	22434.00	89.98	3.57	11960.07	10199.48	10133.73	-1156.21	0.50
Final MWD	22485.00	89.86	3.59	11960.13	10249.67	10184.63	-1152.96	0.85
Proj to TD	22516.00	89.86	3.59	11960.21	10280.18	10215.57	-1151.02	0.00



Schlumberger

Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD Survey
Geodetic Report
(Def Survey)

Report Date:	August 10, 2022 - 09:19 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	353.443 ° (Grid North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Dr Pi Fed Unit 18_7 IPP Pad (Citadel 3) / Dr Pi Fed Unit 18_7 IPP 31H	**TVD Reference Datum:**	RKB
Well:	Dr Pi Fed Unit 18_7 IPP 31H	**TVD Reference Elevation:**	3646.500 ft above MSL
Borehole:	Dr Pi Fed Unit 18_7 IPP 31H	**Seabed / Ground Elevation:**	3622.500 ft above MSL
UWI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.730 °
Survey Name:	Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD	**Total Gravity Field Strength:**	998.4555mgn (9.80665 Based)
Survey Date:	June 25, 2022	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	364.638 ° / 11977.706 ft / 6.914 / 0.999	**Total Magnetic Field Strength:**	47826.900 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	60.143 °
Location Lat / Long:	N 32° 23' 6.42165", W 103° 43' 3.66125"	**Declination Date:**	July 30, 2022
Location Grid N/E Y/X:	N 504383.990 ftUS, E 731381.110 ftUS	**Magnetic Declination Model:**	IFR1
CRS Grid Convergence Angle:	0.3298 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99995045	**Grid Convergence Used:**	0.3300 °
Version / Patch:	2.10.829.1	**Total Corr Mag North->Grid North:**	6.4000 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	504383.99	731381.11	N 32 23 6.42	W 103 43 3.66
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	504383.99	731381.11	N 32 23 6.42	W 103 43 3.66
First Gyro Survey	103.89	0.19	113.39	103.89	-0.07	-0.05	0.12	0.24	0.13	113.39	504383.94	731381.23	N 32 23 6.42	W 103 43 3.66
	192.28	0.42	122.70	192.28	-0.34	-0.29	0.53	0.27	0.60	118.39	504383.70	731381.64	N 32 23 6.42	W 103 43 3.66
	281.89	0.57	119.43	281.89	-0.81	-0.68	1.19	0.17	1.37	119.76	504383.31	731382.30	N 32 23 6.41	W 103 43 3.65
	375.99	0.46	117.63	375.98	-1.30	-1.09	1.94	0.12	2.22	119.33	504382.90	731383.05	N 32 23 6.41	W 103 43 3.64
	470.29	0.36	115.22	470.28	-1.67	-1.39	2.54	0.11	2.89	118.68	504382.60	731383.65	N 32 23 6.41	W 103 43 3.63
	564.63	0.45	126.57	564.62	-2.08	-1.74	3.10	0.13	3.56	119.21	504382.25	731384.21	N 32 23 6.40	W 103 43 3.63
	659.14	0.56	118.83	659.12	-2.60	-2.18	3.81	0.14	4.39	119.79	504381.81	731384.92	N 32 23 6.40	W 103 43 3.62
	753.52	0.57	118.47	753.50	-3.14	-2.63	4.62	0.01	5.32	119.59	504381.36	731385.73	N 32 23 6.40	W 103 43 3.61
	847.80	0.51	111.63	847.77	-3.60	-3.00	5.43	0.09	6.20	118.97	504380.99	731386.54	N 32 23 6.39	W 103 43 3.60
Last Gyro Survey	939.64	0.42	92.71	939.61	-3.85	-3.17	6.14	0.19	6.91	117.30	504380.82	731387.25	N 32 23 6.39	W 103 43 3.59
First 3rd Party Survey	1054.00	0.73	42.76	1053.97	-3.44	-2.66	7.06	0.49	7.54	110.63	504381.33	731388.17	N 32 23 6.39	W 103 43 3.58
	1147.00	0.09	86.28	1146.96	-3.06	-2.22	7.53	0.72	7.85	106.40	504381.77	731388.64	N 32 23 6.40	W 103 43 3.57
	1241.00	0.07	85.02	1240.96	-3.07	-2.21	7.66	0.02	7.97	106.07	504381.78	731388.77	N 32 23 6.40	W 103 43 3.57
	1335.00	0.19	81.75	1334.96	-3.06	-2.18	7.87	0.13	8.17	105.47	504381.81	731388.98	N 32 23 6.40	W 103 43 3.57
	1428.00	0.06	196.53	1427.96	-3.10	-2.20	8.01	0.24	8.31	105.38	504381.79	731389.12	N 32 23 6.40	W 103 43 3.57
	1522.00	0.15	324.65	1521.96	-3.04	-2.15	7.93	0.21	8.21	105.18	504381.84	731389.04	N 32 23 6.40	W 103 43 3.57
	1616.00	0.09	326.75	1615.96	-2.87	-1.99	7.82	0.06	8.06	104.27	504382.00	731388.92	N 32 23 6.40	W 103 43 3.57
	1710.00	0.13	282.13	1709.96	-2.77	-1.90	7.67	0.10	7.90	103.94	504382.09	731388.78	N 32 23 6.40	W 103 43 3.57
	1805.00	0.12	239.81	1804.96	-2.77	-1.93	7.48	0.10	7.72	104.48	504382.06	731388.59	N 32 23 6.40	W 103 43 3.57
	1900.00	0.16	181.05	1899.96	-2.94	-2.11	7.39	0.15	7.69	105.96	504381.88	731388.50	N 32 23 6.40	W 103 43 3.58
	1994.00	0.11	249.87	1993.96	-3.10	-2.28	7.30	0.17	7.65	107.31	504381.71	731388.41	N 32 23 6.40	W 103 43 3.58
	2089.00	0.25	232.73	2088.96	-3.22	-2.43	7.05	0.16	7.46	109.04	504381.56	731388.16	N 32 23 6.40	W 103 43 3.58
	2184.00	0.13	244.87	2183.96	-3.36	-2.60	6.79	0.13	7.27	110.99	504381.38	731387.90	N 32 23 6.40	W 103 43 3.58
	2279.00	0.11	215.43	2278.96	-3.47	-2.72	6.64	0.07	7.18	112.31	504381.26	731387.75	N 32 23 6.39	W 103 43 3.58
	2374.00	0.17	16.99	2373.96	-3.40	-2.66	6.63	0.29	7.14	111.90	504381.33	731387.74	N 32 23 6.39	W 103 43 3.58
	2468.00	0.14	42.57	2467.96	-3.20	-2.45	6.75	0.08	7.18	109.93	504381.54	731387.86	N 32 23 6.40	W 103 43 3.58
	2563.00	0.24	354.95	2562.96	-2.93	-2.16	6.81	0.19	7.14	107.62	504381.83	731387.92	N 32 23 6.40	W 103 43 3.58
	2658.00	0.19	337.43	2657.96	-2.58	-1.82	6.73	0.09	6.97	105.13	504382.17	731387.84	N 32 23 6.40	W 103 43 3.58
	2753.00	0.16	18.49	2752.96	-2.30	-1.55	6.71	0.13	6.89	102.99	504382.44	731387.82	N 32 23 6.41	W 103 43 3.58
	2943.00	0.22	74.56	2942.96	-2.01	-1.20	7.15	0.10	7.25	99.52	504382.79	731388.26	N 32 23 6.41	W 103 43 3.58
	3038.00	0.23	68.41	3037.96	-1.93	-1.08	7.50	0.03	7.58	98.20	504382.91	731388.61	N 32 23 6.41	W 103 43 3.57
	3132.00	0.22	42.61	3131.96	-1.76	-0.88	7.80	0.11	7.85	96.43	504383.11	731388.91	N 32 23 6.41	W 103 43 3.57
	3322.00	0.00	15.47	3321.96	-1.52	-0.61	8.04	0.12	8.07	94.33	504383.38	731389.15	N 32 23 6.42	W 103 43 3.57
	3417.00	0.03	141.81	3416.96	-1.55	-0.63	8.06	0.03	8.08	94.46	504383.36	731389.17	N 32 23 6.41	W 103 43 3.57
	3511.00	0.09	77.57	3510.96	-1.56	-0.63	8.15	0.09	8.17	94.44	504383.36	731389.26	N 32 23 6.41	W 103 43 3.57
	3606.00	0.28	121.65	3605.95	-1.69	-0.74	8.42	0.24	8.45	95.01	504383.25	731389.53	N 32 23 6.41	W 103 43 3.56
	3701.00	0.26	115.74	3700.95	-1.95	-0.95	8.81	0.04	8.86	96.18	504383.04	731389.92	N 32 23 6.41	W 103 43 3.56
	3795.00	0.20	110.41	3794.95	-2.14	-1.10	9.16	0.07	9.22	96.87	504382.89	731390.27	N 32 23 6.41	W 103 43 3.55
	3890.00	0.12	108.86	3889.95	-2.26	-1.19	9.41	0.08	9.48	97.23	504382.80	731390.51	N 32 23 6.41	W 103 43 3.55
	3985.00	0.30	127.21	3984.95	-2.47	-1.38	9.70	0.20	9.79	98.08	504382.61	731390.81	N 32 23 6.41	W 103 43 3.55
	4080.00	0.28	116.93	4079.95	-2.77	-1.63	10.10	0.06	10.23	99.18	504382.36	731391.21	N 32 23 6.40	W 103 43 3.54
	4175.00	0.27	121.41	4174.95	-3.04	-1.85	10.50	0.02	10.66	100.01	504382.14	731391.61	N 32 23 6.40	W 103 43 3.54
	4270.00	0.28	122.54	4269.95	-3.32	-2.10	10.89	0.01	11.09	100.89	504381.89	731392.00	N 32 23 6.40	W 103 43 3.53
	4365.00	0.03	107.07	4364.95	-3.48	-2.23	11.11	0.26	11.33	101.34	504381.76	731392.22	N 32 23 6.40	W 103 43 3.53
	4460.00	0.03	271.66	4459.95	-3.49	-2.23	11.11	0.06	11.33	101.37	504381.76	731392.22	N 32 23 6.40	W 103 43 3.53
	4554.00	0.06	136.44	4553.95	-3.52	-2.27	11.11	0.09	11.34	101.54	504381.72	731392.22	N 32 23 6.40	W 103 43 3.53
	4649.00	0.04	351.73	4648.95	-3.53	-2.27	11.14	0.10	11.37	101.52	504381.72	731392.25	N 32 23 6.40	W 103 43 3.53
	4744.00	0.04	8.88	4743.95	-3.46	-2.21	11.14	0.01	11.36	101.20	504381.78	731392.25	N 32 23 6.40	W 103 43 3.53
	4839.00	0.18	95.31	4838.95	-3.46	-2.19	11.30	0.19	11.51	100.96	504381.80	731392.41	N 32 23 6.40	W 103 43 3.53
	4934.00	0.04	300.01	4933.95	-3.47	-2.18	11.42	0.23	11.63	100.83	504381.80	731392.53	N 32 23 6.40	W 103 43 3.53
	5028.00	0.05	110.22	5027.95	-3.47	-2.18	11.43	0.10	11.63	100.81	504381.81	731392.54	N 32 23 6.40	W 103 43 3.53
	5123.00	0.11	42.52	5122.95	-3.43	-2.13	11.53	0.11	11.72	100.47	504381.86	731392.64	N 32 23 6.40	W 103 43 3.53
	5218.00	0.23	37.07	5217.95	-3.23	-1.91	11.71	0.13	11.86	99.27	504382.08	731392.82	N 32 23 6.40	W 103 43 3.52
	5313.00	1.73	289.84	5312.93	-2.46	-1.27	10.47	1.91	10.55	96.92	504382.72	731391.58	N 32 23 6.41	W 103 43 3.54
	5407.00	6.21	279.40	5406.68	-0.43	0.04	4.12	4.81	4.12	89.43	504384.03	731385.23	N 32 23 6.42	W 103 43 3.61
	5502.00	9.89	276.14	5500.73	2.78	1.75	-9.07	3.90	9.24	280.95	504385.74	731372.04	N 32 23 6.44	W 103 43 3.77
	5597.00	14.11	274.29	5593.64	6.75	3.49	-28.74	4.46	28.95	276.93	504387.48	731352.38	N 32 23 6.46	W 103 43 4.00
	5691.00	17.80	272.78	5684.00	11.24	5.05	-54.52	3.95	54.75	275.29	504389.04	731326.59	N 32 23 6.47	W 103 43 4.30
	5786.00	15.18	264.36	5775.10	13.80	4.53	-81.41	3.73	81.54	273.18	504388.52	731299.70	N 32 23 6.47	W 103 43 4.61
	5881.00	14.78	256.59	5866.88	12.55	0.50	-105.58	2.15	105.58	270.27	504384.49	731275.54	N 32 23 6.43	W 103 43 4.89
	5976.00	14.77	247.85	5958.75	7.85	-6.88	-128.58	2.34	128.77	266.94	504377.11	731252.53	N 32 23 6.36	W 103 43 5.16
	6070.00	14.47	241.80	6049.71	0.30	-16.95	-150.03	1.65	150.99	263.55	504367.04	731231.08	N 32 23 6.26	W 103 43 5.41
	6165.00	14.03	242.21	6141.79	-8.25	-27.93	-170.68	0.48	172.95	260.71	504356.06	731210.44	N 32 23 6.16	W 103 43 5.65
	6260.00	13.91	245.12	6233.98	-16.01	-38.10	-191.23	0.75	194.99	258.73	504345.89	731189.89	N 32 23 6.06	W 103 43 5.89
	6354.00	13.60	249.38	6325.28	-22.25	-46.75	-211.82	1.13	216.92	257.56	504337.25	731169.30	N 32 23 5.97	W 103 43 6.13
	6449.00	13.91	254.52	6417.56	-26.74	-53.73	-233.28	1.33	239.39	257.03	504330.27	731147.84	N 32 23 5.90	W 103 43 6.39
	6544.00	13.97	257.58	6509.77	-29.68	-59.24	-255.49	0.78	262.26	256.95	504324.75	731125.64	N 32 23 5.85	W 103 43 6.64
	6639.00	13.51	259.56	6602.05	-31.60	-63.72	-277.60	0.69	284.82	257.07	504320.28	731103.53	N 32 23 5.81	W 103 43 6.90
	6734.00	12.95	258.81	6694.53	-33.21	-67.79	-298.95	0.62	306.54	257.22	504316.20	731082.17	N 32 23 5.77	W 103 43 7.15
	6828.00	12.99	257.33	6786.13	-35.19	-72.16	-319.59	0.36	327.64	257.28	504311.84	731061.53	N 32 23 5.73	W 103 43 7.39
	6923.00	12.91	256.79	6878.71	-37.56	-76.92	-340.34	0.15	348.93	257.26	504307.07	731040.79	N 32 23 5.68	W 103 43 7.64
	7018.00	13.02	256.02	6971.29	-40.17	-81.93	-361.06	0.22	370.24	257.21	504302.06	731020.07	N 32 23 5.63	W 103 43 7.88
	7112.00	12.67	254.37	7062.94	-43.16	-87.27	-381.26	0.54	391.12	257.11	504296.73	730999.87	N 32 23 5.58	W 103 43 8.11
	7207.00	12.22	249.82	7155.71	-47.17	-93.54	-400.73	1.14	411.50	256.86	504290.45	730980.40	N 32 23 5.52	W 103 43 8.34
	7302.00	12.22	245.37	7248.56	-52.66	-101.20	-419.31	0.99	431.35	256.43	504282.79	730961.82	N 32 23 5.44	W 103 43 8.56
	7396.00	11.44	241.50	7340.56	-59.23	-109.80	-436.54	1.18	450.14	255.88	504274.20	730944.59	N 32 23 5.36	W 103 43 8.76
	7491.00	11.50	243.18	7433.67	-66.03	-118.57	-453.28	0.36	468.53	255.34	504265.43	730927.86	N 32 23 5.27	W 103 43 8.95
	7586.00	11.21	243.37	7526.81	-72.48	-126.98	-469.98	0.31	486.83	254.88	504257.02	730911.15	N 32 23 5.19	W 103 43 9.15
	7680.00	11.32	245.37	7619.00	-78.48	-134.92	-486.54	0.43	504.90	254.50	504249.08	730894.60	N 32 23 5.11	W 103 43 9.34
	7775.00	11.46	247.19	7712.12	-84.01	-142.46	-503.71	0.41	523.47	254.21	504241.53	730877.43	N 32 23 5.04	W 103 43 9.54
	7870.00	11.54	249.21	7805.22	-88.99	-149.49	-521.29	0.43	542.31	254.00	504234.50	730859.84	N 32 23 4.97	W 103 43 9.75
	7964.00	11.50	249.18	7897.32	-93.61	-156.16	-538.84	0.04	561.01	253.84	504227.84	730842.30	N 32 23 4.91	W 103 43 9.96
	8059.00	11.18	248.94	7990.47	-98.25	-162.84	-556.29	0.34	579.63	253.68	504221.16	730824.85	N 32 23 4.84	W 103 43 10.16
	8154.00	11.15	240.31	8083.68	-104.16	-170.70	-572.86	1.76	597.75	253.41	504213.30	730808.28	N 32 23 4.77	W 103 43 10.35
	8248.00	10.53	238.68	8176.00	-111.33	-179.66	-588.10	0.74	614.93	253.01	504204.34	730793.04	N 32 23 4.68	W 103 43 10.53
	8343.00	9.94	239.72	8269.49	-118.27	-188.31	-602.59	0.65	631.33	252.65	504195.69	730778.55	N 32 23 4.59	W 103 43 10.70
	8438.00	10.08	243.69	8363.04	-124.38	-196.13	-617.13	0.74	647.54	252.37	504187.87	730764.02	N 32 23 4.52	W 103 43 10.87
	8532.00	9.77	247.23	8455.64	-129.38	-202.86	-631.86	0.73	663.62	252.20	504181.14	730749.29	N 32 23 4.45	W 103 43 11.04
	8627.00	9.43	251.79	8549.31	-133.21	-208.41	-646.68	0.88	679.43	252.14	504175.59	730734.46	N 32 23 4.40	W 103 43 11.22
	8722.00	9.20	258.56	8643.06	-135.42	-212.35	-661.52	1.18	694.76	252.20	504171.65	730719.63	N 32 23 4.36	W 103 43 11.39
	8817.00	7.78	264.39	8737.02	-135.96	-214.49	-675.36	1.75	708.60	252.38	504169.51	730705.78	N 32 23 4.34	W 103 43 11.55
	8911.00	7.98	272.31	8830.13	-134.85	-214.85	-688.21	1.17	720.97	252.66	504169.15	730692.93	N 32 23 4.33	W 103 43 11.70
	9006.00	6.83	265.47	8924.34	-133.64	-215.03	-700.43	1.52	732.70	252.93	504168.97	730680.71	N 32 23 4.33	W 103 43 11.84
	9101.00	4.93	264.66	9018.84	-133.35	-215.85	-710.13	2.00	742.21	253.09	504168.15	730671.02	N 32 23 4.33	W 103 43 11.96
	9195.00	3.90	266.83	9112.56	-133.08	-216.41	-717.34	1.11	749.28	253.21	504167.60	730663.80	N 32 23 4.32	W 103 43 12.04
	9290.00	3.63	255.62	9207.35	-133.29	-217.33	-723.48	0.82	755.42	253.28	504166.67	730657.66	N 32 23 4.31	W 103 43 12.11
	9310.00	3.72	248.19	9227.31	-133.55	-217.73	-724.70	2.42	756.70	253.28	504166.27	730656.45	N 32 23 4.31	W 103 43 12.13
	9384.00	5.00	240.93	9301.10	-135.42	-220.19	-729.75	1.88	762.24	253.21	504163.81	730651.40	N 32 23 4.28	W 103 43 12.19
	9479.00	5.96	241.12	9395.66	-138.88	-224.58	-737.68	1.01	771.11	253.07	504159.42	730643.47	N 32 23 4.24	W 103 43 12.28
	9605.00	5.38	239.75	9521.04	-143.73	-230.72	-748.51	0.47	783.26	252.87	504153.28	730632.63	N 32 23 4.18	W 103 43 12.41
	9700.00	6.72	231.58	9615.51	-148.46	-236.42	-756.72	1.67	792.79	252.65	504147.59	730624.43	N 32 23 4.13	W 103 43 12.50
	9795.00	8.51	233.33	9709.67	-154.92	-244.07	-766.71	1.90	804.62	252.34	504139.93	730614.44	N 32 23 4.05	W 103 43 12.62

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	9890.00	10.87	237.44	9803.31	-162.37	-253.09	-779.90	2.59	819.94	252.02	504130.91	730601.25	N 32 23 3.96	W 103 43 12.77
	9984.00	12.53	234.76	9895.36	-171.15	-263.74	-795.70	1.86	838.27	251.66	504120.26	730585.45	N 32 23 3.86	W 103 43 12.96
	10079.00	12.45	234.20	9988.11	-181.10	-275.68	-812.42	0.15	857.92	251.26	504108.33	730568.73	N 32 23 3.74	W 103 43 13.15
	10174.00	13.29	234.99	10080.72	-191.31	-287.93	-829.67	0.90	878.21	250.86	504096.07	730551.48	N 32 23 3.62	W 103 43 13.36
	10269.00	14.00	229.59	10173.04	-202.91	-301.65	-847.37	1.53	899.46	250.41	504082.36	730533.79	N 32 23 3.49	W 103 43 13.56
	10364.00	14.57	225.84	10265.11	-216.61	-317.42	-864.69	1.14	921.11	249.84	504066.58	730516.47	N 32 23 3.33	W 103 43 13.77
	10458.00	14.76	226.46	10356.04	-231.02	-333.91	-881.85	0.26	942.95	249.26	504050.10	730499.31	N 32 23 3.17	W 103 43 13.97
	10553.00	14.26	226.22	10448.01	-245.38	-350.34	-899.07	0.53	964.92	248.71	504033.67	730482.09	N 32 23 3.01	W 103 43 14.17
	10648.00	14.45	227.46	10540.05	-259.42	-366.45	-916.25	0.38	986.81	248.20	504017.56	730464.91	N 32 23 2.85	W 103 43 14.37
	10743.00	14.26	227.80	10632.08	-273.21	-382.32	-933.65	0.22	1008.90	247.73	504001.69	730447.51	N 32 23 2.69	W 103 43 14.57
	10838.00	13.89	227.51	10724.23	-286.72	-397.88	-950.73	0.40	1030.63	247.29	503986.13	730430.43	N 32 23 2.54	W 103 43 14.77
	10932.00	13.25	227.79	10815.61	-299.62	-412.74	-967.03	0.68	1051.43	246.89	503971.27	730414.13	N 32 23 2.39	W 103 43 14.97
	11027.00	13.25	228.38	10908.08	-312.22	-427.29	-983.23	0.14	1072.06	246.51	503956.72	730397.93	N 32 23 2.25	W 103 43 15.16
	11122.00	12.99	228.57	11000.60	-324.58	-441.58	-999.37	0.28	1092.59	246.16	503942.43	730381.79	N 32 23 2.11	W 103 43 15.34
	11216.00	12.41	228.13	11092.30	-336.45	-455.32	-1014.82	0.63	1112.28	245.84	503928.70	730366.35	N 32 23 1.97	W 103 43 15.53
Last 3rd Party Survey	11275.00	11.96	227.43	11149.97	-343.71	-463.68	-1024.04	0.80	1124.13	245.64	503920.33	730357.12	N 32 23 1.89	W 103 43 15.63
First SLB Survey	11411.00	11.80	222.98	11283.06	-361.02	-483.39	-1043.90	0.68	1150.39	245.15	503900.62	730337.27	N 32 23 1.70	W 103 43 15.87
Actual KOP	*11412.00*	*11.76*	*223.41*	*11284.04*	*-361.16*	*-483.54*	*-1044.04*	*9.63*	*1150.58*	*245.15*	*503900.48*	*730337.13*	*N 32 23 1.70*	*W 103 43 15.87*
	11505.00	11.53	268.89	11375.31	-366.38	-490.62	-1059.88	9.63	1167.92	245.16	503893.40	730321.29	N 32 23 1.63	W 103 43 16.05
	11600.00	21.34	308.55	11466.57	-353.16	-479.97	-1083.01	15.14	1184.60	246.10	503904.04	730298.16	N 32 23 1.73	W 103 43 16.32
	11695.00	27.72	330.57	11553.13	-320.46	-449.87	-1107.46	11.63	1195.34	247.89	503934.15	730273.71	N 32 23 2.03	W 103 43 16.61
	11789.00	34.46	348.99	11633.77	-273.64	-404.57	-1123.33	12.33	1193.97	250.19	503979.45	730257.83	N 32 23 2.48	W 103 43 16.79
Wolfcamp Intersection	*11872.64*	*44.01*	*355.02*	*11698.50*	*-220.86*	*-352.25*	*-1130.40*	*12.29*	*1184.01*	*252.69*	*504031.76*	*730250.77*	*N 32 23 3.00*	*W 103 43 16.87*
	11884.00	45.33	355.67	11706.58	-212.88	-344.29	-1131.04	12.29	1182.29	253.07	504039.72	730250.12	N 32 23 3.08	W 103 43 16.87
	11979.00	51.51	359.60	11769.61	-142.08	-273.34	-1133.86	7.20	1166.34	256.45	504110.66	730247.31	N 32 23 3.78	W 103 43 16.90
100' FSL Crossing	*12038.00*	*60.79*	*0.06*	*11802.43*	*-93.44*	*-224.40*	*-1133.99*	*15.75*	*1155.98*	*258.81*	*504159.60*	*730247.18*	*N 32 23 4.27*	*W 103 43 16.90*
	12074.00	66.46	0.30	11818.42	-61.42	-192.16	-1133.89	15.75	1150.06	260.38	504191.84	730247.28	N 32 23 4.58	W 103 43 16.90
	12169.00	69.12	0.37	11854.33	25.89	-104.22	-1133.38	2.80	1138.16	264.75	504279.78	730247.79	N 32 23 5.45	W 103 43 16.88
	12263.00	69.80	0.49	11887.31	113.26	-16.19	-1132.71	0.73	1132.83	269.18	504367.80	730248.45	N 32 23 6.33	W 103 43 16.87
	12358.00	70.01	2.52	11919.95	201.59	72.99	-1130.37	2.02	1132.72	273.69	504456.97	730250.80	N 32 23 7.21	W 103 43 16.84
	12453.00	78.96	2.54	11945.34	291.88	164.34	-1126.33	9.42	1138.26	278.30	504548.32	730254.83	N 32 23 8.11	W 103 43 16.78
	12548.00	90.99	5.70	11953.64	384.69	258.55	-1119.52	13.09	1148.99	283.00	504642.52	730261.64	N 32 23 9.04	W 103 43 16.70
	12563.00	90.51	4.88	11953.45	399.37	273.48	-1118.14	6.33	1151.10	283.74	504657.46	730263.03	N 32 23 9.19	W 103 43 16.68
	12621.00	90.45	3.39	11952.96	456.36	331.33	-1113.96	2.57	1162.19	286.56	504715.30	730267.21	N 32 23 9.76	W 103 43 16.63
	12716.00	88.77	0.88	11953.61	550.26	426.25	-1110.42	3.18	1189.42	291.00	504810.21	730270.75	N 32 23 10.70	W 103 43 16.58
	12811.00	89.96	1.10	11954.66	644.43	521.22	-1108.78	1.27	1225.18	295.18	504905.19	730272.39	N 32 23 11.64	W 103 43 16.56
	12906.00	89.02	359.84	11955.51	738.71	616.21	-1108.00	1.65	1267.83	299.08	505000.17	730273.17	N 32 23 12.58	W 103 43 16.54
	13001.00	88.91	359.02	11957.22	833.17	711.19	-1108.94	0.87	1317.40	302.67	505095.15	730272.22	N 32 23 13.52	W 103 43 16.55
	13095.00	89.19	358.53	11958.78	926.75	805.16	-1110.95	0.60	1372.04	305.93	505189.11	730270.21	N 32 23 14.45	W 103 43 16.56
	13190.00	89.05	358.04	11960.24	1021.40	900.10	-1113.80	0.54	1432.04	308.94	505284.05	730267.37	N 32 23 15.39	W 103 43 16.59
	13379.00	88.56	358.23	11964.18	1209.73	1088.96	-1119.95	0.28	1562.09	314.20	505472.90	730261.22	N 32 23 17.26	W 103 43 16.65
	13474.00	89.39	359.58	11965.88	1304.28	1183.93	-1121.76	1.67	1630.96	316.54	505567.86	730259.41	N 32 23 18.20	W 103 43 16.66
	13569.00	89.24	359.22	11967.02	1398.76	1278.91	-1122.76	0.41	1701.82	318.72	505662.84	730258.41	N 32 23 19.14	W 103 43 16.67
	13664.00	89.54	358.92	11968.03	1493.30	1373.90	-1124.30	0.45	1775.29	320.71	505757.82	730256.87	N 32 23 20.08	W 103 43 16.68
	13759.00	88.43	355.65	11969.71	1588.05	1468.76	-1128.80	3.63	1852.41	322.46	505852.67	730252.37	N 32 23 21.02	W 103 43 16.73
	13854.00	90.23	358.12	11970.82	1682.86	1563.60	-1133.96	3.22	1931.50	324.05	505947.51	730247.21	N 32 23 21.96	W 103 43 16.78
	13948.00	89.39	359.05	11971.13	1776.48	1657.57	-1136.28	1.33	2009.64	325.57	506041.48	730244.89	N 32 23 22.89	W 103 43 16.80
	14043.00	89.17	357.64	11972.33	1871.13	1752.52	-1139.02	1.50	2090.14	326.98	506136.42	730242.15	N 32 23 23.83	W 103 43 16.83
	14138.00	87.80	354.70	11974.84	1965.97	1847.26	-1145.36	3.41	2173.53	328.20	506231.16	730235.81	N 32 23 24.76	W 103 43 16.89
	14232.00	88.55	355.43	11977.83	2059.89	1940.87	-1153.44	1.11	2257.74	329.28	506324.76	730227.72	N 32 23 25.69	W 103 43 16.98
	14326.00	89.39	355.58	11979.52	2153.81	2034.56	-1160.81	0.91	2342.42	330.29	506418.45	730220.36	N 32 23 26.62	W 103 43 17.06
	14421.00	89.10	356.72	11980.78	2248.69	2129.34	-1167.19	1.24	2428.25	331.27	506513.22	730213.98	N 32 23 27.56	W 103 43 17.13
	14515.00	90.26	357.15	11981.30	2342.51	2223.20	-1172.21	1.32	2513.31	332.20	506607.07	730208.96	N 32 23 28.49	W 103 43 17.18
	14610.00	90.81	0.62	11980.41	2437.07	2318.16	-1174.06	3.70	2598.52	333.14	506702.03	730207.11	N 32 23 29.43	W 103 43 17.20
	14705.00	90.81	4.05	11979.07	2530.90	2413.06	-1170.19	3.61	2681.83	334.13	506796.93	730210.98	N 32 23 30.36	W 103 43 17.15
	14799.00	89.54	3.18	11978.78	2623.42	2506.87	-1164.27	1.64	2764.04	335.09	506890.73	730216.90	N 32 23 31.29	W 103 43 17.07
	14894.00	89.47	1.30	11979.60	2717.30	2601.79	-1160.55	1.98	2848.89	335.96	506985.65	730220.62	N 32 23 32.23	W 103 43 17.02
	14988.00	90.55	4.48	11979.59	2810.01	2695.66	-1155.82	3.57	2933.00	336.79	507079.51	730225.35	N 32 23 33.16	W 103 43 16.96
	15083.00	90.33	3.51	11978.86	2903.40	2790.42	-1149.20	1.05	3017.80	337.62	507174.27	730231.97	N 32 23 34.10	W 103 43 16.88
	15178.00	90.48	3.16	11978.19	2996.98	2885.26	-1143.67	0.40	3103.66	338.38	507269.10	730237.50	N 32 23 35.04	W 103 43 16.81
	15273.00	90.31	2.36	11977.53	3090.73	2980.15	-1139.10	0.86	3190.42	339.08	507363.98	730242.07	N 32 23 35.97	W 103 43 16.75
	15367.00	89.44	2.77	11977.74	3183.54	3074.05	-1134.89	1.02	3276.85	339.74	507457.88	730246.28	N 32 23 36.90	W 103 43 16.69
	15462.00	92.23	4.43	11976.35	3277.03	3168.84	-1128.93	3.42	3363.93	340.39	507552.67	730252.24	N 32 23 37.84	W 103 43 16.61
	15557.00	91.11	4.07	11973.58	3370.30	3263.54	-1121.89	1.24	3450.99	341.03	507647.36	730259.28	N 32 23 38.78	W 103 43 16.53
	15651.00	91.42	2.32	11971.51	3462.91	3357.36	-1116.65	1.89	3538.19	341.60	507741.18	730264.52	N 32 23 39.71	W 103 43 16.46
	15746.00	89.80	358.04	11970.50	3557.23	3452.33	-1116.35	4.82	3628.34	342.08	507836.14	730264.81	N 32 23 40.64	W 103 43 16.45
	15840.00	89.99	0.79	11970.67	3650.71	3546.32	-1117.31	2.93	3718.17	342.51	507930.13	730263.85	N 32 23 41.57	W 103 43 16.45
	15935.00	90.57	1.35	11970.20	3744.87	3641.30	-1115.54	0.85	3808.35	342.97	508025.10	730265.63	N 32 23 42.51	W 103 43 16.43
	16030.00	90.20	355.34	11969.56	3839.47	3736.21	-1118.28	6.34	3899.98	343.34	508120.01	730262.89	N 32 23 43.45	W 103 43 16.45
	16124.00	89.72	356.51	11969.63	3933.38	3829.97	-1124.96	1.35	3991.77	343.63	508213.77	730256.21	N 32 23 44.38	W 103 43 16.52
	16219.00	89.65	355.73	11970.15	4028.28	3924.75	-1131.39	0.82	4084.57	343.92	508308.54	730249.78	N 32 23 45.32	W 103 43 16.59
	16314.00	90.04	359.26	11970.41	4123.02	4019.65	-1135.54	3.74	4176.96	344.23	508403.43	730245.63	N 32 23 46.26	W 103 43 16.63
	16409.00	89.55	357.77	11970.75	4217.65	4114.61	-1138.00	1.65	4269.09	344.54	508498.39	730243.17	N 32 23 47.20	W 103 43 16.66
	16503.00	89.78	358.38	11971.30	4311.34	4208.56	-1141.16	0.69	4360.53	344.83	508592.33	730240.01	N 32 23 48.13	W 103 43 16.69
	16598.00	90.28	358.33	11971.25	4405.99	4303.52	-1143.89	0.53	4452.95	345.11	508687.29	730237.28	N 32 23 49.07	W 103 43 16.71
	16693.00	90.64	359.53	11970.49	4500.55	4398.50	-1145.66	1.32	4545.25	345.40	508782.26	730235.51	N 32 23 50.01	W 103 43 16.73
	16787.00	90.28	0.08	11969.73	4593.97	4492.49	-1145.98	0.70	4636.35	345.69	508876.25	730235.19	N 32 23 50.94	W 103 43 16.72
	16882.00	89.93	358.22	11969.56	4688.49	4587.48	-1147.39	1.99	4728.79	345.96	508971.23	730233.78	N 32 23 51.88	W 103 43 16.73
	16977.00	89.92	359.81	11969.68	4783.04	4682.46	-1149.02	1.67	4821.38	346.21	509066.21	730232.15	N 32 23 52.82	W 103 43 16.75
	17072.00	91.58	2.21	11968.44	4877.20	4777.43	-1147.35	3.07	4913.27	346.50	509161.17	730233.82	N 32 23 53.76	W 103 43 16.72
	17166.00	89.66	2.55	11967.42	4970.04	4871.34	-1143.45	2.07	5003.74	346.79	509255.07	730237.72	N 32 23 54.69	W 103 43 16.67
	17261.00	89.82	359.91	11967.85	5064.16	4966.31	-1141.41	2.78	5095.78	347.06	509350.04	730239.76	N 32 23 55.63	W 103 43 16.64
	17356.00	91.26	1.68	11966.96	5158.37	5061.29	-1140.09	2.40	5188.10	347.31	509445.01	730241.08	N 32 23 56.57	W 103 43 16.62
	17450.00	90.68	2.45	11965.37	5251.29	5155.21	-1136.70	1.03	5279.04	347.57	509538.93	730244.47	N 32 23 57.50	W 103 43 16.57
	17545.00	90.36	1.07	11964.50	5345.29	5250.16	-1133.79	1.49	5371.19	347.81	509633.88	730247.38	N 32 23 58.43	W 103 43 16.53
	17640.00	90.97	2.96	11963.40	5439.21	5345.09	-1130.45	2.09	5463.32	348.06	509728.80	730250.72	N 32 23 59.37	W 103 43 16.49
	17830.00	91.04	4.17	11960.07	5626.22	5534.69	-1118.63	0.64	5646.60	348.57	509918.39	730262.53	N 32 24 1.25	W 103 43 16.34
	17924.00	89.16	3.11	11959.90	5718.73	5628.49	-1112.67	2.30	5737.42	348.82	510012.19	730268.50	N 32 24 2.18	W 103 43 16.26
	18019.00	88.27	2.12	11962.03	5812.49	5723.37	-1108.33	1.40	5829.70	349.04	510107.06	730272.83	N 32 24 3.12	W 103 43 16.20
	18114.00	89.02	1.60	11964.28	5906.44	5818.29	-1105.25	0.96	5922.34	349.24	510201.98	730275.92	N 32 24 4.05	W 103 43 16.16
	18209.00	88.73	2.14	11966.15	6000.40	5913.22	-1102.15	0.65	6015.06	349.44	510296.91	730279.02	N 32 24 4.99	W 103 43 16.12
Exit Target Box	*18210.00*	*88.73*	*2.14*	*11966.17*	*6001.39*	*5914.22*	*-1102.11*	*0.37*	*6016.03*	*349.44*	*510297.91*	*730279.05*	*N 32 24 5.00*	*W 103 43 16.12*
	18303.00	88.49	1.89	11968.43	6093.32	6007.14	-1098.85	0.37	6106.81	349.63	510390.82	730282.32	N 32 24 5.92	W 103 43 16.07
	18398.00	88.81	0.20	11970.67	6187.46	6102.09	-1097.12	1.81	6199.93	349.81	510485.76	730284.05	N 32 24 6.86	W 103 43 16.05
	18492.00	88.23	359.22	11973.09	6280.86	6196.06	-1097.59	1.21	6292.52	349.95	510579.73	730283.58	N 32 24 7.79	W 103 43 16.05
	18587.00	90.52	359.53	11974.13	6375.34	6291.04	-1098.63	2.43	6386.25	350.09	510674.70	730282.54	N 32 24 8.73	W 103 43 16.05
	18682.00	89.46	358.56	11974.15	6469.88	6386.02	-1100.21	1.51	6480.10	350.22	510769.68	730280.96	N 32 24 9.67	W 103 43 16.06
	18776.00	90.64	359.67	11974.06	6563.42	6480.01	-1101.66	1.72	6572.99	350.35	510863.66	730279.50	N 32 24 10.60	W 103 43 16.08
Enter Target Box	*18842.00*	*88.49*	*357.11*	*11974.56*	*6629.16*	*6545.97*	*-1103.52*	*5.07*	*6638.33*	*350.43*	*510929.62*	*730277.65*	*N 32 24 11.25*	*W 103 43 16.09*
	18871.00	87.55	355.98	11975.56	6658.10	6574.90	-1105.26	5.07	6667.15	350.46	510958.55	730275.90	N 32 24 11.54	W 103 43 16.11
	18966.00	88.80	356.91	11978.59	6752.92	6669.67	-1111.15	1.64	6761.59	350.54	511053.31	730270.02	N 32 24 12.48	W 103 43 16.17
	19061.00	88.46	357.55	11980.86	6847.69	6764.53	-1115.74	0.76	6855.92	350.63	511148.17	730265.43	N 32 24 13.42	W 103 43 16.22
	19155.00	89.14	357.17	11982.83	6941.45	6858.41	-1120.07	0.83	6949.27	350.72	511242.04	730261.10	N 32 24 14.35	W 103 43 16.26
	19250.00	91.03	358.74	11982.69	7036.14	6953.34	-1123.46	2.59	7043.51	350.82	511336.97	730257.71	N 32 24 15.29	W 103 43 16.30
	19345.00	89.69	355.29	11982.09	7130.94	7048.19	-1128.41	3.90	7137.95	350.90	511431.82	730252.76	N 32 24 16.23	W 103 43 16.35
	19439.00	90.63	355.22	11981.83	7224.89	7141.87	-1136.18	1.00	7231.68	350.96	511525.49	730244.99	N 32 24 17.15	W 103 43 16.43
	19533.00	88.42	354.32	11982.61	7318.86	7235.47	-1144.75	2.54	7325.46	351.01	511619.08	730236.42	N 32 24 18.08	W 103 43 16.53
	19628.00	88.82	356.94	11984.90	7413.75	7330.15	-1151.99	2.79	7420.12	351.07	511713.77	730229.18	N 32 24 19.02	W 103 43 16.61
	19723.00	91.00	358.53	11985.05	7508.48	7425.07	-1155.74	2.84	7514.48	351.15	511808.68	730225.43	N 32 24 19.96	W 103 43 16.64
	19817.00	91.11	359.18	11983.32	7602.04	7519.04	-1157.62	0.70	7607.63	351.25	511902.64	730223.55	N 32 24 20.89	W 103 43 16.66
	19912.00	90.23	358.31	11982.20	7696.63	7614.00	-1159.70	1.30	7701.82	351.34	511997.60	730221.47	N 32 24 21.83	W 103 43 16.68
	20101.00	90.56	356.75	11980.90	7885.14	7802.82	-1167.84	0.84	7889.73	351.49	512186.41	730213.33	N 32 24 23.69	W 103 43 16.76
	20196.00	89.68	355.78	11980.70	7980.02	7897.61	-1174.03	1.38	7984.40	351.54	512281.20	730207.14	N 32 24 24.63	W 103 43 16.82
	20291.00	90.52	358.18	11980.54	8074.83	7992.47	-1179.04	2.68	8078.97	351.61	512376.05	730202.14	N 32 24 25.57	W 103 43 16.88
	20385.00	89.75	355.10	11980.32	8168.67	8086.30	-1184.54	3.38	8172.60	351.67	512469.87	730196.63	N 32 24 26.50	W 103 43 16.93
	20480.00	90.59	359.34	11980.03	8263.44	8181.17	-1189.15	4.55	8267.14	351.73	512564.73	730192.02	N 32 24 27.44	W 103 43 16.98
	20575.00	90.14	359.83	11979.43	8357.89	8276.16	-1189.84	0.70	8361.25	351.82	512659.72	730191.33	N 32 24 28.38	W 103 43 16.98
	20669.00	89.30	356.54	11979.89	8451.56	8370.10	-1192.82	3.61	8454.67	351.89	512753.66	730188.36	N 32 24 29.31	W 103 43 17.01
	20764.00	89.22	359.20	11981.11	8546.26	8465.02	-1196.35	2.80	8549.14	351.96	512848.57	730184.83	N 32 24 30.25	W 103 43 17.05
	20859.00	90.29	0.23	11981.52	8640.69	8560.01	-1196.82	1.56	8643.27	352.04	512943.56	730184.35	N 32 24 31.19	W 103 43 17.05
	20954.00	90.79	0.82	11980.63	8734.96	8655.00	-1195.95	0.81	8737.24	352.13	513038.55	730185.22	N 32 24 32.13	W 103 43 17.03
	21048.00	90.14	0.01	11979.86	8828.26	8749.00	-1195.27	1.10	8830.27	352.22	513132.53	730185.90	N 32 24 33.06	W 103 43 17.02
	21143.00	89.65	358.75	11980.04	8922.74	8843.99	-1196.30	1.42	8924.53	352.30	513227.52	730184.88	N 32 24 34.00	W 103 43 17.02
	21238.00	89.82	357.96	11980.48	9017.39	8938.95	-1199.02	0.85	9019.00	352.36	513322.48	730182.15	N 32 24 34.94	W 103 43 17.05
	21332.00	91.44	1.84	11979.44	9110.77	9032.92	-1199.19	4.47	9112.17	352.44	513416.44	730181.99	N 32 24 35.87	W 103 43 17.04
	21427.00	91.86	3.26	11976.71	9204.53	9127.78	-1194.96	1.56	9205.67	352.54	513511.30	730186.21	N 32 24 36.81	W 103 43 16.99
	21522.00	91.63	3.39	11973.81	9298.08	9222.58	-1189.45	0.28	9298.97	352.65	513606.09	730191.72	N 32 24 37.74	W 103 43 16.92
	21617.00	90.71	1.70	11971.87	9391.86	9317.46	-1185.24	2.03	9392.54	352.75	513700.97	730195.93	N 32 24 38.68	W 103 43 16.86
	21711.00	91.90	3.37	11969.73	9484.65	9411.34	-1181.08	2.18	9485.16	352.85	513794.85	730200.09	N 32 24 39.61	W 103 43 16.81
	21806.00	90.04	1.10	11968.12	9578.51	9506.24	-1177.38	3.09	9578.88	352.94	513889.74	730203.79	N 32 24 40.55	W 103 43 16.76
	21901.00	90.59	0.83	11967.60	9672.69	9601.23	-1175.78	0.64	9672.96	353.02	513984.72	730205.39	N 32 24 41.49	W 103 43 16.73
	21993.00	91.66	1.37	11965.80	9763.85	9693.19	-1174.01	1.30	9764.03	353.09	514076.68	730207.16	N 32 24 42.40	W 103 43 16.70
	22088.00	91.96	1.87	11962.80	9857.84	9788.11	-1171.33	0.61	9857.94	353.18	514171.59	730209.84	N 32 24 43.34	W 103 43 16.67
	22182.00	90.53	2.00	11960.75	9950.78	9882.03	-1168.16	1.53	9950.83	353.26	514265.51	730213.02	N 32 24 44.27	W 103 43 16.62
	22277.00	90.09	2.33	11960.24	10044.68	9976.96	-1164.57	0.58	10044.70	353.34	514360.43	730216.60	N 32 24 45.21	W 103 43 16.58

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	22372.00	90.08	3.28	11960.10	10138.41	10071.84	-1159.92	1.00	10138.42	353.43	514455.31	730221.25	N 32 24 46.15	W 103 43 16.51
100' FNL Crossing	*22434.00*	*89.98*	*3.57*	*11960.07*	*10199.48*	*10133.73*	*-1156.21*	*0.50*	*10199.48*	*353.49*	*514517.20*	*730224.96*	*N 32 24 46.76*	*W 103 43 16.47*
	22467.00	89.92	3.73	11960.10	10231.95	10166.67	-1154.11	0.50	10231.96	353.52	514550.13	730227.06	N 32 24 47.08	W 103 43 16.44
Final MWD	22485.00	89.86	3.59	11960.13	10249.67	10184.63	-1152.96	0.85	10249.68	353.54	514568.09	730228.21	N 32 24 47.26	W 103 43 16.43
Proj to TD	22516.00	89.86	3.59	11960.21	10280.18	10215.57	-1151.02	0.00	10280.21	353.57	514599.03	730230.15	N 32 24 47.57	W 103 43 16.40

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	24.000	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD
	1	24.000	24.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD
	1	24.000	939.640	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H
	1	939.640	22516.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr,. Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-48160	98296	WC-025 G-09 S223219D; WOLFCAMP

[4] Property Code	Property Name	[6] Well Number
332928	DR PI FED UNIT 18_7 IPP	31H

[7] OGRID No.	[8] Operator Name	[9] Elevation
16696	OXY USA INC.	3623'

[10] Surface Location

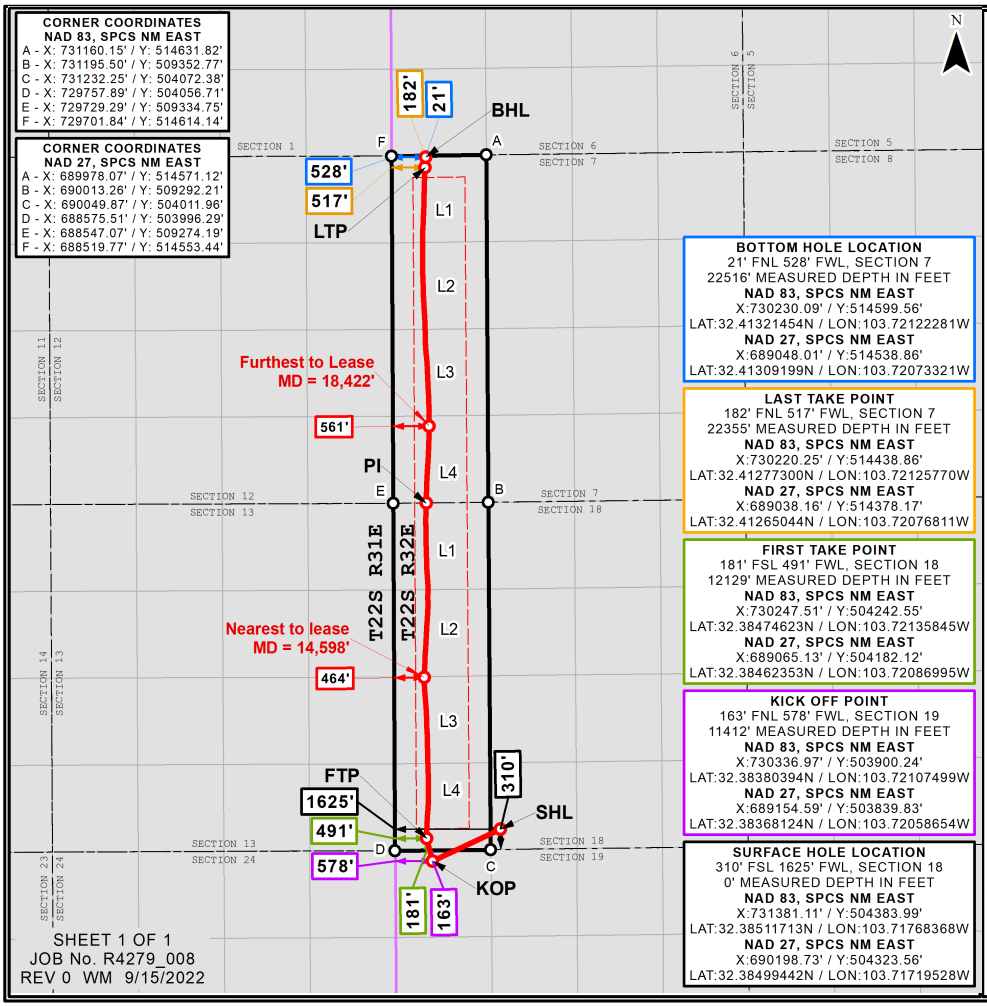
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	22S	32E		310	SOUTH	1625	WEST	LEA

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L 1	7	22S	32E		21	NORTH	528	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
355.4			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: 09/15/22 Date

JANA MENDIOLA
Printed Name

janalyn_mendiola@oxy.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global.

SEPTEMBER 15, 2022
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

Certificate Number
DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.999776382 Convergence Angle: 00°20'34.08"

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

07/08/2025

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
Well Type OIL WELL	**Well Status** Producing Oil Well	**Agreement Name** DR PI (DEEP)	**Agreement Number(s)** NMNM143828X
Allottee/Tribe Name	**Well Pad Name** I PREFER PI "18_7" FEDERAL COM	**Well Pad Number** 11H, 12H, 13H, 71H, 72H, 1H, 2H, 31H, 311H, 32H, 33H	**APD ID** 10400055944

Section 1 - General

Well Completion Report Id: 87497

Submission Date: 02-28-2023

BLM Office: Carlsbad Field Office

User: JANA MENDIOLA

Title: Regulatory Advisor

Federal/Indian: FEDERAL

Lease Number: NMNM90587

Lease Acres:

Agreement in place?: YES

Federal or Indian Agreement: FEDERAL

Agreement Number:

Agreement Name: DR PI (DEEP)

Additional Information

Keep this Well Completion Report confidential?: NO

APD Operator: OXY USA INCORPORATED

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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Section 2 - Well

Field/Pool or Exploratory: **Pool Name:** UPR WOLFCAMP **Field Name:** WC025 G09 S223216K

Well Type: OIL WELL

Spud Date: 02-10-2022

Date Total Measured Depth Reached: 08-08-2022

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER	ANHYDRITE, DOLOMITE, SHALE		3623	884	884	USEABLE WATER	
SALADO	ANHYDRITE, HALITE, SANDSTONE, SHALE		2465	1184	1184	OTHER	SALT
CASTILE	ANHYDRITE		744	3128	3128	OTHER	SALT
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		-961	4619	4619	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-1047	4665	4665	NATURAL GAS, OIL, OTHER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1870	5546	5547	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	SANDSTONE, SILTSTONE		-3113	6743	6783	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4860	8529	8605	NATURAL GAS, OIL	

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		-5953	9576	9660	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		-6582	10246	10344	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE, SILTSTONE		-7594	11239	11336	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE, SILTSTONE		-8078	11697	11870	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM143828X	NMNM090587Z	NEW		POW	09-16-2022	09-22-2022	WOLFCAMP	12129	22355	Y	.42	1230	OPEN

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	364077	25558390	Frac in 41 stages w/ 152864BBL Produced Water + 211213BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS) w/ 25558390# sand

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing PRessure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

Operator Name OXY USA INCORPORATED

Well Name DR PI FED UNIT 18_7 IPP

Well Number 31H

US Well Number 3002548160

SHL Lot 4 Sec 18 22S 32E

County LEA

State NM

Lease Number(s) NMNM090587Z

Well Type OIL WELL

Well Status Producing Oil Well

Agreement Name DR PI (DEEP)

Agreement Number(s) NMNM143828X

Allottee/Tribe Name

Well Pad Name I PREFER PI "18_7" FEDERAL COM

Well Pad Number 11H, 12H, 13H, 71H, 72H, 1H, 2H, 31H, 311H, 32H, 33H

APD ID 10400055944

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing PRessure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	10/16/2022	24	6091	10621	6315	1743				1771
00	S1	1	10/16/2022	24	6091	10621	6315	1743				1771

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3851171	-103.7176837	3623	N/A	N/A	FEDERAL	NMNM 32411				310	FSL	1625	FWL	22S	32E	18	Lot 4
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3838039	-103.7210749	-7661	11412	11284	FEDERAL	NMNM 90587				163	FNL	578	FWL	22S	32E	19	D

Operator Name OXY USA INCORPORATED

Well Name DR PI FED UNIT 18_7 IPP

Well Number 31H

US Well Number 3002548160

SHL Lot 4 Sec 18 22S 32E

County LEA

State NM

Lease Number(s) NMNM090587Z

Well Type OIL WELL

Well Status Producing Oil Well

Agreement Name DR PI (DEEP)

Agreement Number(s) NMNM143828X

Allottee/Tribe Name

Well Pad Name I PREFER PI "18_7" FEDERAL COM

Well Pad Number 11H, 12H, 13H, 71H, 72H, 1H, 2H, 31H, 311H, 32H, 33H

APD ID 10400055944

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3847462	-103.7213584	-8217	12129	11840	FEDERAL	NMNM90587				181	FSL	491	FWL	22S	32E	18	Lot 4
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.412773	-103.7212577	-8337	22355	11960	FEDERAL	NMNM137458				182	FNL	517	FWL	22S	32E	7	Lot 1
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4132145	-103.7212228	-8337	22516	11960	FEDERAL	NMNM137458				21	FNL	528	FWL	22S	32E	7	Lot 1

Casing, Liner and Tubing

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
Well Type OIL WELL	**Well Status** Producing Oil Well	**Agreement Name** DR PI (DEEP)	**Agreement Number(s)** NMNM143828X
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Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	954	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	11328	7.625	26.4	HCL-80	L-80 HC	BUTT		
00	PRODUCTION	6.75	0	22471	5.5	20	OTHER	P110 ICY	OTHER	WEDGE 461	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C Cement	1140	1.35	0					274.1
00	INTERMEDIATE		Class H	687	2.66	0	CLASS H	705	1.35	0	2253.8
00	INTERMEDIATE		CLASS C	1242	1.71	0	CLASS C	591	1.91	0	2253.8
00	PRODUCTION		Class H Cement	888	1.34	10670					211.9

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	Other		11881						

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fradulent statements or representations aas to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satifies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: OXY USA INCORPORATED

Signed By: JANA MENDIOLA **Title:** Regulatory Advisor **Signed on:** 02/28/2023

Street Address: 1600 GEHRIG DR

City: MIDLAND **State:** TX **Zip:** 79706

Phone: (432)685-5936

Email address: Janalyn_mendiola@oxy.com

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone: **Extension:**

Email address:

Attachments

DrPiFedUnit18_7IPP31H_CBL_20230228152429.pdf

DrPiFedUnit18_7IPP31H_FinalDirectionalSurvey_20230228152442.pdf

DrPiFedUnit18_7IPP31H_AsDrilledC102_20230228152454.pdf

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 31H	**US Well Number** 3002548160
SHL Lot 4 Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM090587Z
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DrPiFedUnit18_7IPP31H_WBD_20230228152534.pdf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 482759
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☑	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☑	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☑	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
☐	I hereby certify that no additives containing PFAS chemicals were added to the fluid used in the completion or recompletion of this well.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 482759

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 482759
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/15/2025