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.
NMNM32411

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
09/17/2022			→						
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).

Day-forward error for First Production. Lease was populated in AFMSS but showing void in WCR.

APPROVED
By Allison Morency at 7:27 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: SWSE / 170 FSL / 1460 FEL / TWSP: 22S / RNG: 32E / SEC: 18 / LAT: 32.3847667 / LONG: -103.7100697
KOP: NWNE / 107 FNL / 1973 FEL / TWSP: 22S / RNG: 32E / SEC: 19 / LAT: 32.3839981 / LONG: -103.7117289
PPP: SWSE / 206 FSL / 2204 FEL / TWSP: 22S / RNG: 32E / SEC: 18 / LAT: 32.3848547 / LONG: -103.7124795
EXIT: NWNE / 444 FNL / 2232 FEL / TWSP: 22S / RNG: 32E / SEC: 7 / LAT: 32.4120949 / LONG: -103.7126109
BHL: NWNE / 51 FNL / 2155 FEL / TWSP: 22S / RNG: 32E / SEC: 7 / LAT: 32.4131775 / LONG: -103.7123645

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): 11043

Cementing/Segment - Stage Cementer Depth: null, No of Sks: 700.0, Type of Cement: CL H, Slurry Vol BBL: 2073.7, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS H, Cement Tail Qty (sks): 650.0, Cement Tail Yield (cu.ft/sks): 1.36, Cement Tail Top (MD): 0.0

Cementing/Segment - Stage Cementer Depth: null, No of Sks: 1249.0, Type of Cement: CLASS C, Slurry Vol BBL: 2073.7, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS C, Cement Tail Qty (sks): 324.0, 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: 09-16-2022, Test Date: 10-04-2022, Hours Tested: 24, Oil BBL: 2963, Gas MCF: 4945, Water BBL: 12336, Oil Gravity Corr. API: null, Gas Gravity: null, Production Method: GAS LIFT, Choke Size: null, Tbg. Press. Flwg. SI: null, Csg. Press.: 1148, Oil BBL: 2963, Gas MCF: 4945, Water BBL: 12336, Gas/Oil Ratio: 1668

Interval: A Test: 3

Date First Produced: 09-16-2022, Test Date: 10-04-2022, Hours Tested: 24, Oil BBL: 2963, Gas MCF: 4945, Water BBL: 12336, Oil Gravity Corr. API: null, Gas Gravity: null, Production Method: GAS LIFT, Choke Size: null, Tbg. Press. Flwg. SI: null, Csg. Press.: 1148, Oil BBL: 2963, Gas MCF: 4945, Water BBL: 12336, Gas/Oil Ratio: 1668

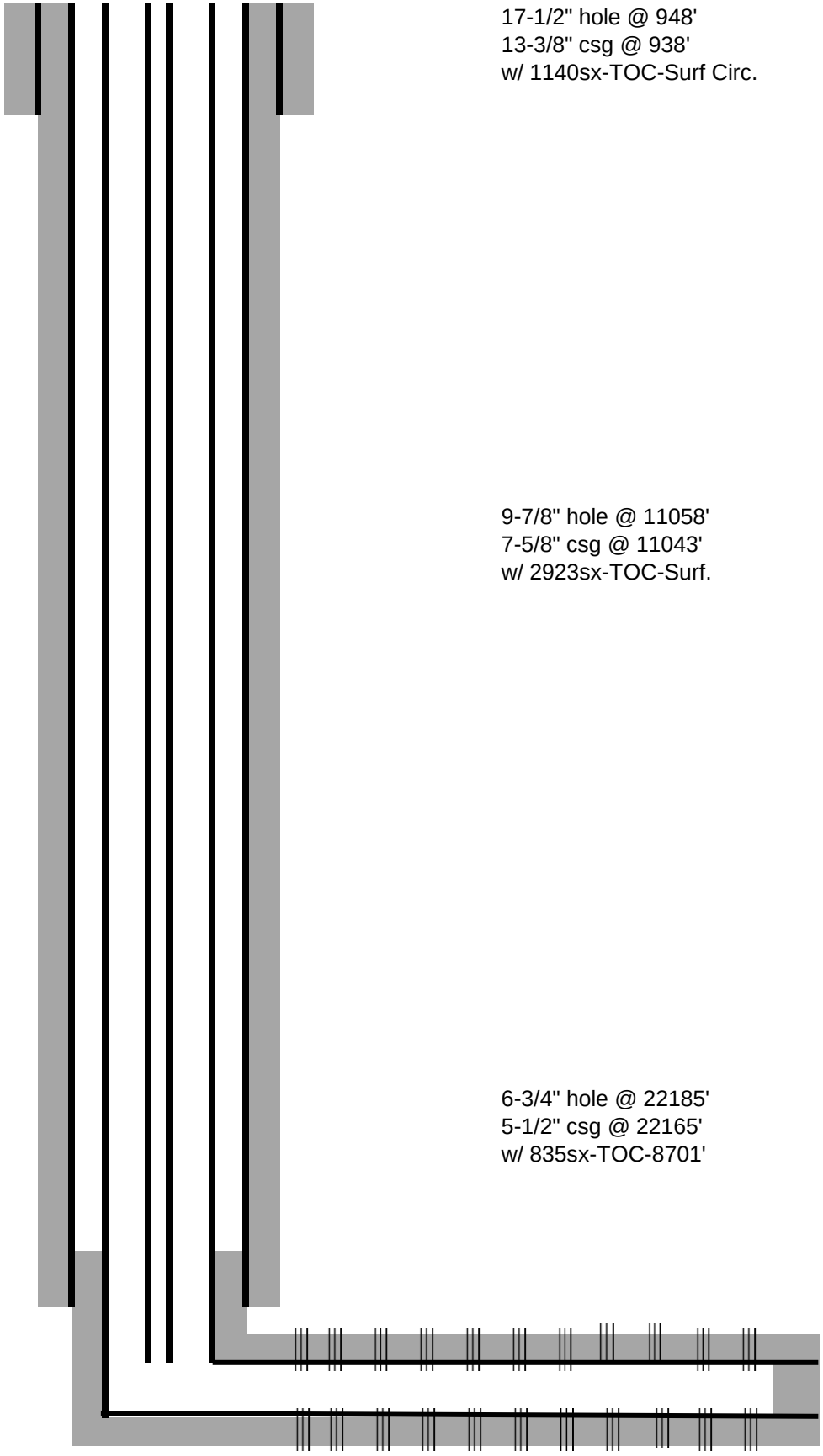
Summary of Porous Zones Information:

Formation: BRUSHY CANYON, Descriptions, Contents, etc: , Bottom: 6786
Formation: BONE SPRING, Descriptions, Contents, etc: , Bottom: 8591
Formation: BONE SPRING 1ST, Descriptions, Contents, etc: , Bottom: 9666
Formation: BONE SPRING 2ND, Descriptions, Contents, etc: , Bottom: 10350
Formation: BONE SPRING 3RD, Descriptions, Contents, etc: , Bottom: 11430

Attachments: 00S1

Log Attachments:
1) DrPiFedUnit18_7IPP312H_WBD_20230228132129.pdf
2) DrPiFedUnit18_7IPP312H_CBL_20230228132051.pdf
3) DrPiFedUnit18_7IPP312H_FinalDirectionalSurvey_20230228132107.pdf
4) DrPiFedUnit18_7IPP312H_AsDrilledC102_20230228132117.pdf

OXY USA Inc.
DR PI FEDERAL UNIT 18-7 IPP 312H
API No. 30-025-48167



Company	Petroleum Development Corporation		
Well	Ute Tribal 32-2-4-2		
Field	Bluebell		
County	Duchesne	State	Utah
Surface Location	1,980' FNL & 1,980' FEL		
Sec	2	Twp	4S
Rge	2W		
Elevation	KB 6,000'	GL 5,980'	
Date	10/2/2012		
Time	14:00		
Depth Driller	8,000'		
Depth Logger	8,000'		
Bottom Log Interval	7,990'		
Top Log Interval	3,500'		
Type Fluid in Hole	Water		
Salinity	5,000 PPM		
Density	8.4	Viscosity	27
Max Rec Temp	170 °F		
Equipment	7900		
Location	Roosevelt, Utah		
Recorded By	Jeff Hamilton		
Witnessed By	Mr. Jim Ross		

Bit Record					
Bit No.	Size	Type	Jets	Depth In	Depth Out
1	7 7/8"	Hughes	18	0'	8,000'

Casing Record			
	Size	Weight	Grade
Surface Casing	8 5/8"	24	J-55
Production Casing	5 1/2"	17	J-55

Rm @ Meas Temp		Rmf @ Meas Temp		Rmc @ Meas Temp	
0.08 @ 70 °F		0.06 @ 70 °F		0.10 @ 70 °F	
Source Rmf	Mud	Source Rmc	Mud		

Operator's Remarks:

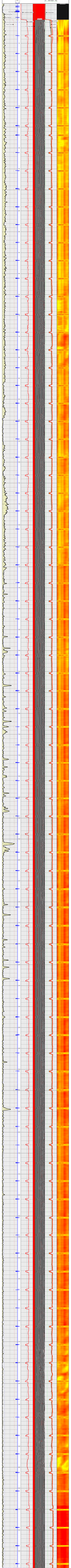
"Thank You for Choosing Renegade Services!"

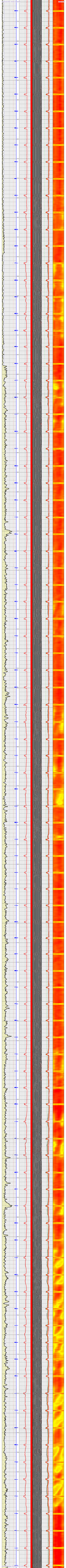
Log is Correlated to Gamma Ray on Neutron

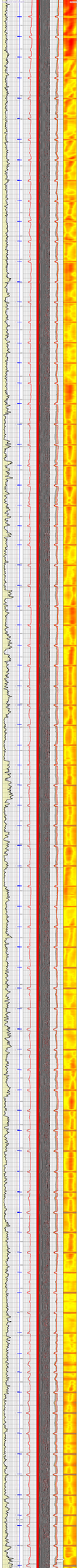
Main Pass

Scale 1:240

Logging Date: 10/2/2012
Run Number: One
Depth Driller: 8,000'
Depth Logger: 8,000'
Bottom Log Interval: 7,990'
Top Log Interval: 3,500'
Casing Size: 8 5/8" @ 0'
Casing Size: 5 1/2" @ 8,000'
Bit Size: 7 7/8"
Type Fluid in Hole: Water
Salinity: 5,000 PPM
Density: 8.4
Viscosity: 27
Max Rec Temp: 170 °F
Equipment: 7900
Location: Roosevelt, Utah
Recorded By: Jeff Hamilton
Witnessed By: Mr. Jim Ross







Depth Scale: 1:240
Logging Speed: 30 m/min
Gamma Ray Scale: 0 - 150 API
Caliper Scale: 6 - 16 in

Depth Shift: -0.5 m

Logged Interval: 1.5 - 1.5 m
Total Depth: 1.5 m

Equipment: Slim Hole Gamma Ray Caliper Tool

Operator: Jim Smith
Logging Company: Pioneer Wireline Services
Logging Date: 12-Jan-2024
Logging Time: 14:30 - 14:45
Weather: Clear, 18°C
Remarks: Hole dry, no water encountered. Tool stuck at 1.5 m, pulled free with minor tension.

Pioneer Wireline Services
Suite 1210
Calgary, AB T2P 3C5
Phone: (403) 555-0187
Fax: (403) 555-0188
Email: logging@pioneerwireline.ca
Web: www.pioneerwireline.ca

Operator: Jim Smith
Logging Company: Pioneer Wireline Services
Logging Date: 12-Jan-2024
Logging Time: 14:30 - 14:45
Weather: Clear, 18°C
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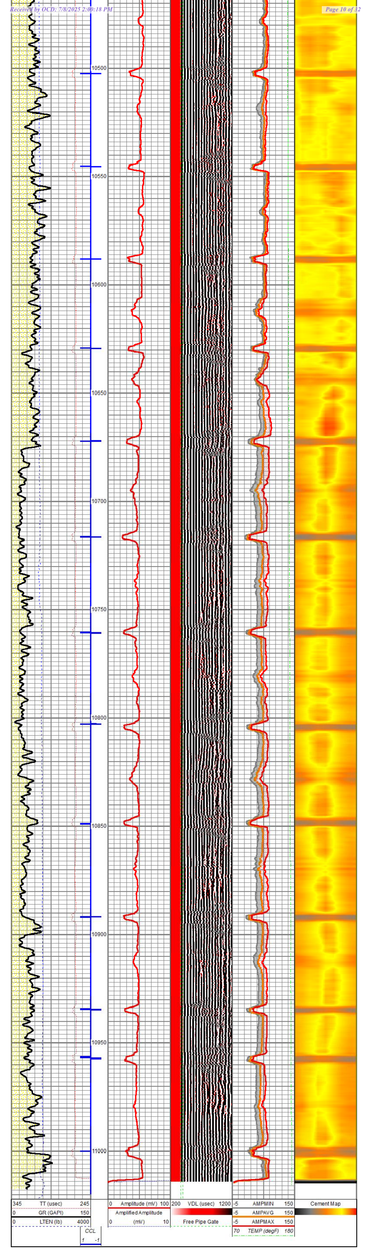


Log Variables

DatabaseC:\Program Data\Halliburton\Data\oxy dr pi fed unit 18 7 ipp 312h rcbl.db
Dataset: field/wellirun1/pass10/_vars_

Top - Bottom

BHTEMP_Src	BORE(ID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL	MINATTN
	in	degF	in	in	lb/ft	mV	mV	db/ft
TEMP	7.875	100	5.5	0.361	20	72	1	0.8

PERF3	PPT	SRFTEMP	TDEPTH
	usec	degF	ft
No	0	0	0

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
BORE(ID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERF3 : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report

Database File oxy dr pi fed unit 18 7 ipp 312h rcbl.db
Dataset Pathname pass10
Dataset Creation Sun Aug 14 04:10:33 2022

Gamma Ray Calibration Report

Serial Number: FW1212-38
Tool Model: GC275-0000
Performed: Thu Feb 13 10:00:10 2020

Calibrator Value: 1092.0 GAPI

Background Reading: 30.6 cps
Calibrator Reading: 1414.9 cps

Sensitivity: 0.7888 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1311-015
Tool Model: RADII-275T

Calibration Casing Diameter: 5.500 in
Calibration Depth: 4868.358 ft

Master Calibration, performed Sun Aug 14 00:20:26 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	1.421	1.000	71.921	49.997	0.865
CAL	0.003	1.232				
5'	0.002	1.166	1.000	71.921	60.975	0.849
SUM						
S1	0.002	1.398	0.000	100.000	71.643	-0.142
S2	0.002	1.312	0.000	100.000	76.332	-0.182
S3	0.003	1.395	0.000	100.000	76.727	-0.204
S4	0.003	1.341	0.000	100.000	74.436	-0.190
S5	0.003	1.346	0.000	100.000	74.257	-0.189
S6	0.003	1.342	0.000	100.000	74.674	-0.195
S7	0.003	1.370	0.000	100.000	73.123	-0.186
S8	0.003	1.422	0.000	100.000	70.459	-0.187

Internal Reference Calibration, performed Sat Aug 13 19:53:37 2022:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.003	1.232	1.000	0.000

Air Zero Calibration, performed Sat Aug 13 19:52:31 2022:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Inclinometer Calibration Report

Performed: (Not Performed)

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
EnCt	14.77		CHD-1 4375CHD *Tran Cable Head 1 7/16	1.00	1.44	5.40
RBT_HV	13.77					
RBT_ACC2	8.82		RBT8-RADII275T (FW1311-015) *Probe 2.75" RADII 8 Sector Bond Tool w/ Temperature	9.20	2.75	93.00
RBT_ACCY	8.82					
RBT_ACCX	8.82					
WVFSYNC	8.82					
WVFS8	8.82					
WVFS7	8.82					
WVFS6	8.82					
WVFS5	8.82					
WVFS4	8.82					
WVFS3	8.82					
WVFS2	8.82					
WVFS1	8.82					
WVFCAL	8.82					
WVF3FT	8.82					
WVF5FT	7.82					
Temp	4.57					
CCLS2	3.63					
CCLS1	3.63					
GR	2.38		GC-GC275-0000 (FW1212-38) *Probe 2.75" Gamma Ray/CCL	4.57	2.75	55.00
LOCTIM	0.00					
UTCTIM	0.00					

Dataset: oxy dr pi fed unit 18 7 ipp 312h rcbl.db: field/wellirun1/pass10
Total length: 14.77 ft
Total weight: 153.40 lb
O.D.: 2.75 in

RENEGADE SERVICES

Company	Occidental Permian LTD.
Well	DR PI Fed Unit 18_7 IPP 312H
Field	Tarck
County	Lea
State	New Mexico
Country	USA

Received by OCD: 7/8/2025 2:00:18 PM

RKB @ 3688.20usft (H&P 466)

Ground Level: 3663.20

Project: Lea County, NM (NAD83-NME)
Site: Dr Pi Fed Unit 18 7 IPP
Well: Dr Pi Fed Unit 18_7 IPP 312H
Wellbore: OH / 69895
Design: Plan 3 07-12-22
Rig: H&P 466

PHOENIX TECHNOLOGY SERVICES

T G M

Azimuths to Grid North
True North: -0.33°
Magnetic North: 6.39°

Magnetic Field
Strength: 47829.2nT
Dip Angle: 60.14°
Date: 7/23/2022
Model: IFR

First Phoenix MWD Survey

WELL DETAILS

Ground Level: 3663.20

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	504270.13	733732.25	32° 23' 5.160258 N	103° 42' 36.250764 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	10932.00	12.62	239.34	10882.13	-265.66	-469.79	0.00	0.000	-228.08		Plan Tie In
2	11108.00	12.62	239.34	11053.88	-285.27	-502.87	0.00	0.000	-245.04		KOP, Begin 11.00°/100' Build & Turn
3	11198.20	22.35	246.13	11139.82	-297.26	-527.08	11.00	15.116	-255.11		Begin 11.00°/100' Build & Turn
4	12095.57	90.00	359.60	11701.00	216.11	-742.28	11.00	111.882	273.53		LP, Hold 90.00° Inc at 359.60° Azm
5	22238.71	90.00	359.60	11701.00	10359.00	-813.09	0.00	0.000	10390.86	BHL v2 - Dr Pi Fed Unit 18 7 IPP 312H	TD at 22238.71

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
888.20	888.22	RUSTLER
1181.20	1181.22	SALADO
2872.20	2872.22	CASTILE
4682.20	4682.23	DELAWARE
4737.20	4737.23	BELL CANYON
5595.20	5595.23	CHERRY CANYON
6800.20	6800.23	BRUSHY CANYON
8564.20	8570.69	BONE SPRING
9644.20	9668.94	BONE SPRING 1ST
9870.20	9898.76	Second Bone Spring Limestone
10291.20	10327.38	BONE SPRING 2ND
10543.20	10584.31	Second Bone Spring Lower Sandstone
10663.20	10707.38	Third Bone Spring Limestone
11296.20	11366.07	BONE SPRING 3RD
11478.20	11576.28	Third Bone Spring Sandstone_C
11577.20	11715.97	Third Bone Spring Sandstone_B
11655.20	11867.95	Third Bone Spring Sandstone_A

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone

Local Origin: Well Dr Pi Fed Unit 18_7 IPP 312H, Grid North

Latitude: 32° 23' 5.160258 N
Longitude: 103° 42' 36.250764 W

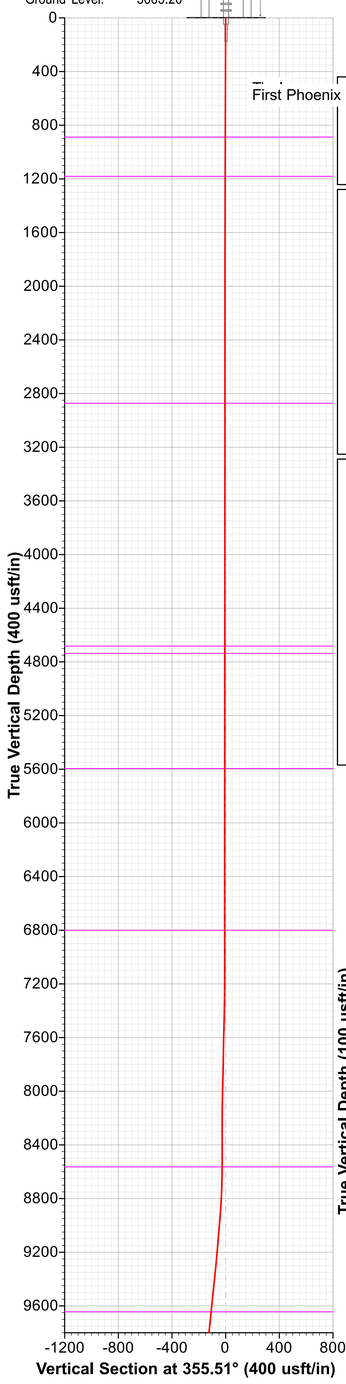
Grid East: 733732.25
Grid North: 504270.13
Scale Factor: 1.000

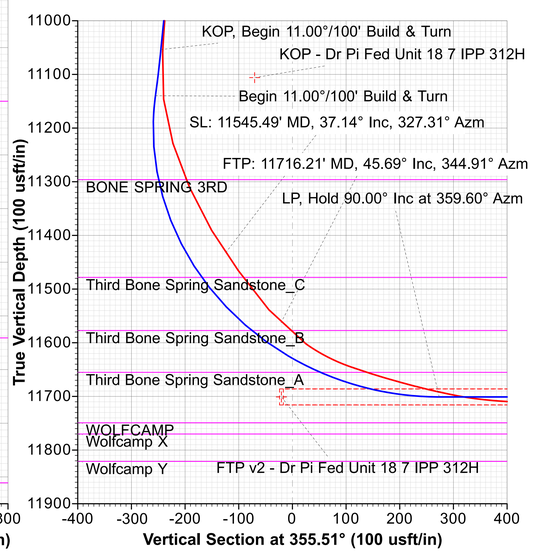
Geomagnetic Model: IFR
Sample Date: 23-Jul-22
Magnetic Declination: 6.720°
Dip Angle from Horizontal: 60.143°
Magnetic Field Strength: 47829.20000000nT

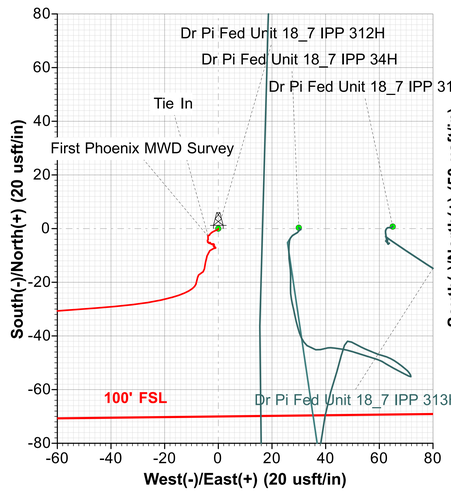
To convert a Magnetic Direction to a Grid Direction, Add 6.386°
To convert a Magnetic Direction to a True Direction, Add 6.720° East
To convert a True Direction to a Grid Direction, Subtract 0.334°

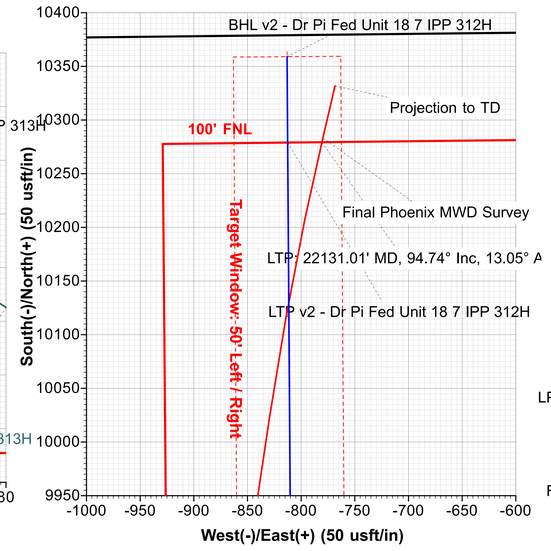
LEGEND

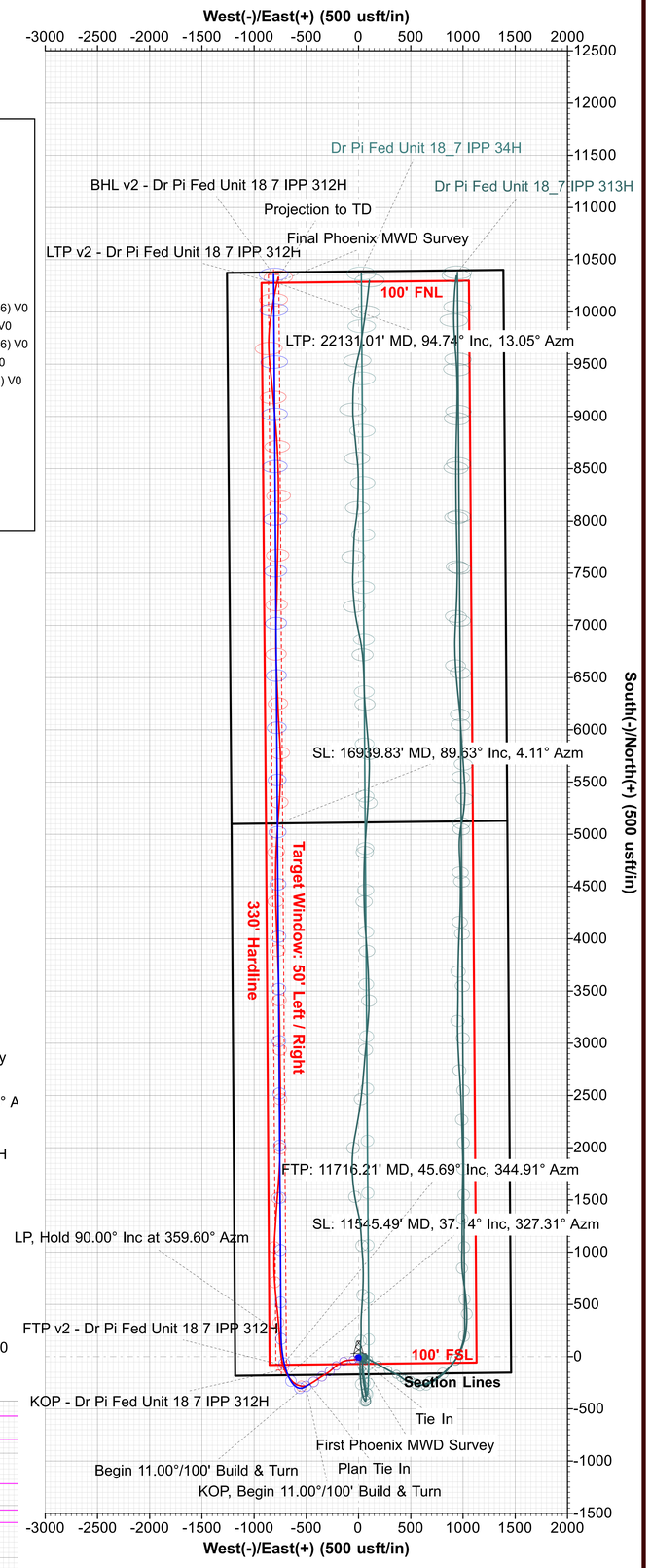
- Dr Pi Fed Unit 18_7 IPP 312H, OH / 69895, Surveys (H&P 466) V0
- Dr Pi Fed Unit 18_7 IPP 313H, OH / 69897, Plan 2 06-28-22 V0
- Dr Pi Fed Unit 18_7 IPP 313H, OH / 69897, Surveys (H&P 466) V0
- Dr Pi Fed Unit 18_7 IPP 34H, OH / 69896, Plan 1 05-25-22 V0
- Dr Pi Fed Unit 18_7 IPP 34H, OH / 69896, Surveys (H&P 466) V0
- Plan 3 07-12-22

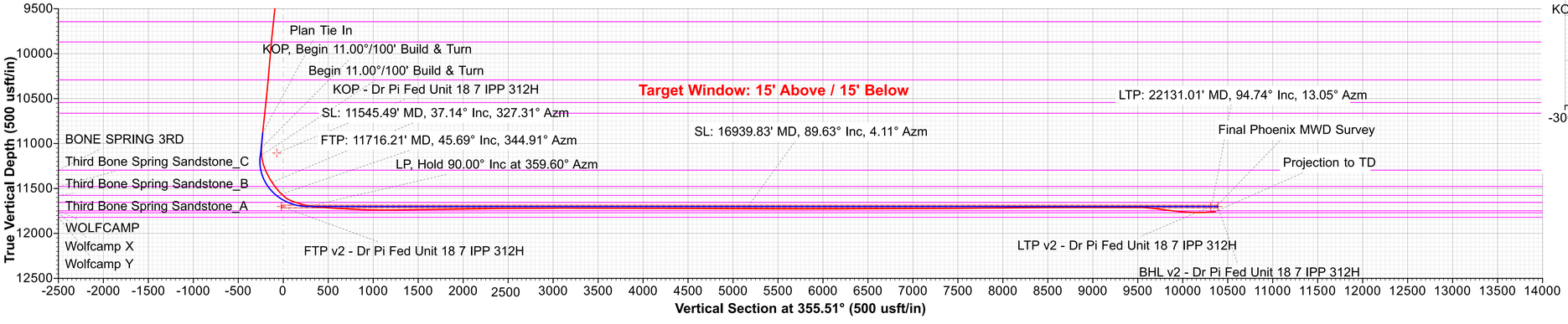












Date: 13:51, August 08 2022

Released to Imaging: 8/15/2025 10:49:53 AM

PHOENIX
TECHNOLOGY SERVICES

OXY USA INC.

Lea County, NM (NAD83-NME)
Dr Pi Fed Unit 18 7 IPP
Dr Pi Fed Unit 18_7 IPP 312H

OH / 69895

Design: Surveys (H&P 466)

Standard Survey Report

08 August, 2022

OXY

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Project Lea County, NM (NAD83-NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Dr Pi Fed Unit 18 7 IPP

Site Position:		**Northing:**	504,270.47 usft	**Latitude:**	32° 23' 5.161892 N
From:	Map	**Easting:**	733,762.25 usft	**Longitude:**	103° 42' 35.900893 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.334 °

Well Dr Pi Fed Unit 18_7 IPP 312H

Well Position	**+N/-S**	0.00 usft	**Northing:**	504,270.13 usft	**Latitude:**	32° 23' 5.160258 N
	+E/-W	0.00 usft	**Easting:**	733,732.25 usft	**Longitude:**	103° 42' 36.250764 W
Position Uncertainty		1.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,663.20 usft

Wellbore OH / 69895

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	7/23/2022	6.720	60.143	47,829.20000000

Design Surveys (H&P 466)

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	355.51

Survey Program **Date** 8/8/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
25.00	926.09	Gyrodata Gyro Survyes (OH / 69895)	GYD_G003_GC+DROP+	Gyrodata Stationary Tool drop on BHA on open h
978.00	22,185.00	Phoenix MWD Surveys - SQC R5 (OH / 69	SQC_C705a_MWD+IFR1	OWSG MWD + IFR1 + Sag + FDIR Correction

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00
97.25	0.27	182.05	97.25	-0.17	-0.01	-0.17	0.37	0.37	0.00
191.52	0.20	280.84	191.52	-0.36	-0.18	-0.35	0.38	-0.07	104.79
279.07	0.42	232.06	279.07	-0.53	-0.58	-0.48	0.37	0.25	-55.72
373.35	0.43	260.79	373.35	-0.80	-1.20	-0.70	0.22	0.01	30.47
467.48	0.32	224.68	467.47	-1.04	-1.73	-0.90	0.27	-0.12	-38.36
561.75	0.46	252.77	561.74	-1.34	-2.28	-1.16	0.25	0.15	29.80
656.10	0.69	215.60	656.09	-1.92	-2.97	-1.68	0.45	0.24	-39.40
750.43	0.21	205.44	750.41	-2.53	-3.38	-2.26	0.51	-0.51	-10.77

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
844.98	0.23	321.13	844.96	-2.54	-3.57	-2.26	0.39	0.02	122.36
926.09	0.33	214.91	926.07	-2.61	-3.81	-2.30	0.56	0.12	-130.96
Tie In									
978.00	0.24	155.15	977.98	-2.83	-3.85	-2.52	0.57	-0.17	-115.12
First Phoenix MWD Survey									
1,072.00	0.49	185.47	1,071.98	-3.41	-3.80	-3.10	0.33	0.27	32.26
1,167.00	0.11	155.70	1,166.98	-3.89	-3.80	-3.58	0.42	-0.40	-31.34
1,261.00	0.10	194.39	1,260.98	-4.06	-3.79	-3.75	0.07	-0.01	41.16
1,355.00	0.11	213.08	1,354.98	-4.21	-3.86	-3.90	0.04	0.01	19.88
1,450.00	0.14	237.20	1,449.98	-4.35	-4.00	-4.02	0.06	0.03	25.39
1,544.00	0.13	119.35	1,543.98	-4.47	-4.01	-4.14	0.25	-0.01	-125.37
1,639.00	0.13	209.05	1,638.98	-4.61	-3.97	-4.29	0.19	0.00	94.42
1,733.00	0.10	14.69	1,732.98	-4.63	-4.00	-4.30	0.24	-0.03	176.21
1,828.00	0.15	193.53	1,827.98	-4.67	-4.01	-4.34	0.26	0.05	188.25
1,923.00	0.12	96.26	1,922.98	-4.80	-3.94	-4.48	0.21	-0.03	-102.39
2,018.00	0.15	149.84	2,017.98	-4.92	-3.77	-4.61	0.13	0.03	56.40
2,112.00	0.10	331.36	2,111.98	-4.95	-3.75	-4.64	0.27	-0.05	-189.87
2,207.00	0.09	252.18	2,206.98	-4.90	-3.86	-4.58	0.13	-0.01	-83.35
2,302.00	0.12	201.52	2,301.98	-5.02	-3.97	-4.69	0.10	0.03	-53.33
2,397.00	0.17	101.71	2,396.98	-5.14	-3.87	-4.82	0.24	0.05	-105.06
2,491.00	0.12	153.90	2,490.98	-5.25	-3.69	-4.95	0.14	-0.05	55.52
2,586.00	0.19	125.90	2,585.98	-5.44	-3.52	-5.14	0.11	0.07	-29.47
2,681.00	0.13	343.87	2,680.98	-5.43	-3.42	-5.14	0.32	-0.06	-149.51
2,775.00	0.14	45.97	2,774.98	-5.24	-3.37	-4.96	0.15	0.01	66.06
2,870.00	0.13	140.27	2,869.98	-5.25	-3.21	-4.98	0.21	-0.01	99.26
2,965.00	0.11	138.66	2,964.98	-5.40	-3.09	-5.14	0.02	-0.02	-1.69
3,060.00	0.14	92.40	3,059.98	-5.47	-2.91	-5.23	0.11	0.03	-48.69
3,154.00	0.14	304.82	3,153.98	-5.41	-2.89	-5.17	0.29	0.00	-157.00
3,249.00	0.11	11.95	3,248.98	-5.25	-2.96	-5.01	0.15	-0.03	70.66
3,344.00	0.14	253.12	3,343.98	-5.20	-3.06	-4.94	0.23	0.03	-125.08
3,438.00	0.19	210.16	3,437.97	-5.37	-3.25	-5.10	0.14	0.05	-45.70
3,533.00	0.10	35.29	3,532.97	-5.43	-3.28	-5.16	0.30	-0.09	-184.07
3,628.00	0.19	137.56	3,627.97	-5.48	-3.12	-5.22	0.25	0.09	107.65
3,722.00	0.16	93.07	3,721.97	-5.61	-2.89	-5.36	0.14	-0.03	-47.33
3,817.00	0.26	110.43	3,816.97	-5.69	-2.55	-5.47	0.12	0.11	18.27
3,912.00	0.15	178.49	3,911.97	-5.89	-2.35	-5.69	0.26	-0.12	71.64
4,006.00	0.14	33.17	4,005.97	-5.91	-2.28	-5.72	0.29	-0.01	-154.60
4,101.00	0.08	313.18	4,100.97	-5.77	-2.27	-5.58	0.16	-0.06	-84.20
4,195.00	0.18	74.85	4,194.97	-5.69	-2.17	-5.50	0.25	0.11	129.44
4,290.00	0.21	104.02	4,289.97	-5.69	-1.86	-5.53	0.11	0.03	30.71
4,385.00	0.13	130.22	4,384.97	-5.80	-1.61	-5.66	0.12	-0.08	27.58
4,479.00	0.11	195.67	4,478.97	-5.96	-1.55	-5.82	0.14	-0.02	69.63
4,574.00	0.07	17.11	4,573.97	-5.99	-1.56	-5.85	0.19	-0.04	-187.96

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,668.00	0.21	224.43	4,667.97	-6.06	-1.66	-5.91	0.29	0.15	-162.43
4,763.00	0.16	190.35	4,762.97	-6.31	-1.81	-6.15	0.12	-0.05	-35.87
4,858.00	0.07	13.87	4,857.97	-6.39	-1.82	-6.23	0.24	-0.09	-185.77
4,952.00	0.11	199.01	4,951.97	-6.42	-1.83	-6.25	0.19	0.04	-186.02
5,047.00	0.06	46.88	5,046.97	-6.47	-1.83	-6.31	0.17	-0.05	-160.14
5,142.00	0.11	64.50	5,141.97	-6.40	-1.71	-6.24	0.06	0.05	18.55
5,236.00	0.13	186.37	5,235.97	-6.46	-1.64	-6.32	0.22	0.02	129.65
5,331.00	0.10	65.88	5,330.97	-6.54	-1.57	-6.39	0.21	-0.03	-126.83
5,426.00	0.14	117.96	5,425.97	-6.56	-1.39	-6.43	0.12	0.04	54.82
5,520.00	0.10	322.18	5,519.97	-6.55	-1.34	-6.42	0.25	-0.04	-165.72
5,615.00	0.17	208.09	5,614.97	-6.61	-1.46	-6.47	0.24	0.07	-120.09
5,710.00	0.18	190.26	5,709.97	-6.88	-1.55	-6.73	0.06	0.01	-18.77
5,804.00	0.17	115.76	5,803.97	-7.08	-1.45	-6.95	0.23	-0.01	-79.26
5,899.00	0.17	90.90	5,898.97	-7.15	-1.19	-7.03	0.08	0.00	-26.17
5,994.00	0.15	328.74	5,993.97	-7.04	-1.11	-6.93	0.30	-0.02	-128.59
6,089.00	0.11	160.50	6,088.97	-7.02	-1.14	-6.91	0.27	-0.04	-177.09
6,183.00	0.16	310.73	6,182.97	-7.02	-1.21	-6.90	0.28	0.05	159.82
6,278.00	0.10	133.67	6,277.97	-6.99	-1.25	-6.87	0.27	-0.06	-186.38
6,373.00	0.11	118.19	6,372.97	-7.09	-1.11	-6.98	0.03	0.01	-16.29
6,468.00	0.06	184.23	6,467.97	-7.18	-1.04	-7.08	0.11	-0.05	69.52
6,562.00	0.12	292.79	6,561.97	-7.20	-1.13	-7.08	0.16	0.06	115.49
6,657.00	0.12	102.63	6,656.97	-7.18	-1.13	-7.07	0.25	0.00	178.78
6,752.00	0.09	180.95	6,751.97	-7.28	-1.03	-7.17	0.14	-0.03	82.44
6,846.00	0.09	16.04	6,845.97	-7.28	-1.01	-7.18	0.19	0.00	-175.44
6,941.00	0.09	350.27	6,940.97	-7.13	-1.00	-7.03	0.04	0.00	-27.13
7,036.00	0.03	347.02	7,035.97	-7.03	-1.02	-6.93	0.06	-0.06	-3.42
7,130.00	0.31	212.89	7,129.97	-7.22	-1.17	-7.11	0.35	0.30	-142.69
7,225.00	0.75	263.55	7,224.96	-7.51	-1.92	-7.34	0.63	0.46	53.33
7,320.00	1.11	223.02	7,319.95	-8.25	-3.17	-7.98	0.77	0.38	-42.66
7,414.00	1.61	197.53	7,413.93	-10.18	-4.19	-9.82	0.82	0.53	-27.12
7,509.00	1.44	188.43	7,508.89	-12.63	-4.76	-12.22	0.31	-0.18	-9.58
7,603.00	1.54	191.70	7,602.86	-15.04	-5.19	-14.58	0.14	0.11	3.48
7,698.00	1.36	248.83	7,697.83	-16.69	-6.50	-16.13	1.47	-0.19	60.14
7,793.00	1.46	188.51	7,792.81	-18.30	-7.73	-17.64	1.49	0.11	-63.49
7,887.00	1.58	198.91	7,886.78	-20.71	-8.33	-19.99	0.32	0.13	11.06
7,982.00	3.01	240.24	7,981.70	-23.19	-10.92	-22.26	2.21	1.51	43.51
8,077.00	4.89	253.73	8,076.48	-25.56	-16.97	-24.15	2.19	1.98	14.20
8,171.00	6.68	260.91	8,170.00	-27.54	-26.22	-25.41	2.05	1.90	7.64
8,266.00	8.49	264.96	8,264.16	-29.03	-38.66	-25.92	1.99	1.91	4.26
8,361.00	9.50	266.10	8,357.99	-30.18	-53.47	-25.91	1.08	1.06	1.20
8,456.00	10.07	265.72	8,451.61	-31.34	-69.57	-25.80	0.60	0.60	-0.40
8,550.00	11.53	264.59	8,543.94	-32.84	-87.12	-25.92	1.57	1.55	-1.20
8,645.00	12.26	262.03	8,636.90	-35.13	-106.56	-26.68	0.95	0.77	-2.69
8,740.00	11.41	255.24	8,729.89	-38.92	-125.64	-28.97	1.72	-0.89	-7.15

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,835.00	10.53	247.93	8,823.15	-44.58	-142.77	-33.27	1.73	-0.93	-7.69
8,929.00	10.53	240.77	8,915.57	-52.00	-158.23	-39.46	1.39	0.00	-7.62
9,024.00	10.31	236.15	9,009.01	-60.97	-172.87	-47.26	0.91	-0.23	-4.86
9,119.00	10.13	238.47	9,102.50	-70.08	-187.05	-55.23	0.47	-0.19	2.44
9,214.00	10.17	236.04	9,196.02	-79.13	-201.12	-63.15	0.45	0.04	-2.56
9,308.00	9.95	233.65	9,288.57	-88.58	-214.55	-71.52	0.50	-0.23	-2.54
9,403.00	10.28	229.59	9,382.10	-98.94	-227.61	-80.83	0.83	0.35	-4.27
9,498.00	9.49	228.42	9,475.68	-109.63	-239.93	-90.52	0.86	-0.83	-1.23
9,593.00	9.63	228.00	9,569.37	-120.15	-251.69	-100.09	0.16	0.15	-0.44
9,687.00	9.88	228.06	9,662.01	-130.80	-263.53	-109.78	0.27	0.27	0.06
9,782.00	10.58	231.68	9,755.50	-141.66	-276.44	-119.59	1.00	0.74	3.81
9,876.00	10.82	235.29	9,847.86	-152.03	-290.46	-128.84	0.76	0.26	3.84
9,971.00	11.23	237.34	9,941.11	-162.10	-305.58	-137.69	0.60	0.43	2.16
10,066.00	10.74	239.44	10,034.37	-171.59	-320.99	-145.95	0.67	-0.52	2.21
10,160.00	10.59	240.08	10,126.75	-180.35	-336.02	-153.51	0.20	-0.16	0.68
10,255.00	10.76	239.71	10,220.10	-189.18	-351.24	-161.12	0.19	0.18	-0.39
10,350.00	10.54	236.05	10,313.47	-198.51	-366.11	-169.25	0.75	-0.23	-3.85
10,445.00	10.85	235.19	10,406.82	-208.46	-380.65	-178.04	0.37	0.33	-0.91
10,539.00	12.03	235.57	10,498.95	-219.05	-396.00	-187.39	1.26	1.26	0.40
10,634.00	12.82	236.27	10,591.72	-230.50	-412.93	-197.48	0.85	0.83	0.74
10,729.00	13.22	237.57	10,684.28	-242.18	-430.87	-207.72	0.52	0.42	1.37
10,824.00	12.90	239.37	10,776.82	-253.41	-449.16	-217.49	0.54	-0.34	1.89
10,918.00	12.66	239.21	10,868.49	-264.03	-467.04	-226.67	0.26	-0.26	-0.17
10,932.00	12.62	239.34	10,882.15	-265.59	-469.67	-228.03	0.35	-0.29	0.93
11,114.00	15.79	253.94	11,058.62	-282.59	-510.59	-241.77	2.62	1.74	8.02
11,209.00	29.39	276.39	11,146.28	-283.58	-546.41	-239.95	16.72	14.32	23.63
11,304.00	31.20	297.15	11,228.53	-269.72	-591.60	-222.60	11.14	1.91	21.85
11,399.00	29.92	314.70	11,310.50	-241.77	-630.41	-191.70	9.46	-1.35	18.47
11,494.00	35.17	323.93	11,390.60	-202.94	-663.41	-150.40	7.59	5.53	9.72
11,545.49	37.14	327.31	11,432.18	-177.86	-680.54	-124.06	5.45	3.83	6.57
SL: 11545.49' MD, 37.14° Inc, 327.31° Azm									
11,588.00	38.84	329.88	11,465.68	-155.53	-694.16	-100.73	5.45	3.99	6.04
11,683.00	40.84	341.76	11,538.73	-100.17	-718.87	-43.61	8.27	2.11	12.51
11,716.21	45.69	344.91	11,562.91	-78.37	-725.36	-21.37	15.99	14.61	9.48
FTP: 11716.21' MD, 45.69° Inc, 344.91° Azm									
11,777.00	54.75	349.51	11,601.77	-32.85	-735.57	24.81	15.99	14.90	7.57
11,872.00	70.89	354.11	11,645.04	50.52	-747.32	108.85	17.52	16.99	4.84
11,966.00	74.45	357.23	11,673.04	139.97	-754.07	198.55	4.94	3.79	3.32
12,061.00	78.09	356.06	11,695.59	232.08	-759.48	290.80	4.01	3.83	-1.23
12,156.00	86.09	354.68	11,708.65	325.79	-767.08	384.82	8.54	8.42	-1.45
12,215.00	86.82	354.86	11,712.30	384.44	-772.45	443.70	1.27	1.24	0.31
12,310.00	86.25	354.20	11,718.04	478.83	-781.49	538.51	0.92	-0.60	-0.69
12,405.00	86.53	354.57	11,724.02	573.19	-790.76	633.31	0.49	0.29	0.39

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,500.00	87.02	354.92	11,729.37	667.64	-799.45	728.15	0.63	0.52	0.37
12,545.00	87.09	356.10	11,731.68	712.44	-802.97	773.09	2.62	0.16	2.62
12,595.00	87.62	357.20	11,733.99	762.30	-805.89	823.02	2.44	1.06	2.20
12,640.00	88.05	358.32	11,735.69	807.23	-807.64	867.95	2.66	0.96	2.49
12,690.00	88.35	358.85	11,737.26	857.19	-808.88	917.86	1.22	0.60	1.06
12,785.00	89.11	0.46	11,739.36	952.16	-809.45	1,012.58	1.87	0.80	1.69
12,880.00	89.78	2.19	11,740.28	1,047.13	-807.25	1,107.09	1.95	0.71	1.82
12,974.00	90.36	2.78	11,740.17	1,141.04	-803.18	1,200.39	0.88	0.62	0.63
13,069.00	91.32	4.11	11,738.78	1,235.85	-797.47	1,294.47	1.73	1.01	1.40
13,164.00	90.70	3.68	11,737.10	1,330.62	-791.02	1,388.44	0.79	-0.65	-0.45
13,258.00	90.70	4.08	11,735.95	1,424.40	-784.66	1,481.43	0.43	0.00	0.43
13,353.00	90.76	4.36	11,734.74	1,519.13	-777.67	1,575.33	0.30	0.06	0.29
13,447.00	90.68	4.60	11,733.56	1,612.84	-770.33	1,668.17	0.27	-0.09	0.26
13,542.00	90.56	3.80	11,732.53	1,707.57	-763.37	1,762.07	0.85	-0.13	-0.84
13,637.00	90.70	3.01	11,731.49	1,802.40	-757.73	1,856.17	0.84	0.15	-0.83
13,732.00	90.86	2.58	11,730.20	1,897.28	-753.09	1,950.39	0.48	0.17	-0.45
13,827.00	90.86	1.12	11,728.77	1,992.22	-750.03	2,044.80	1.54	0.00	-1.54
13,921.00	90.91	0.46	11,727.32	2,086.20	-748.73	2,138.39	0.70	0.05	-0.70
14,016.00	90.99	0.21	11,725.74	2,181.18	-748.18	2,233.04	0.28	0.08	-0.26
14,110.00	90.93	0.23	11,724.17	2,275.17	-747.82	2,326.71	0.07	-0.06	0.02
14,205.00	90.56	0.26	11,722.93	2,370.16	-747.41	2,421.37	0.39	-0.39	0.03
14,299.00	90.34	359.29	11,722.19	2,464.15	-747.78	2,515.11	1.06	-0.23	-1.03
14,394.00	90.14	359.58	11,721.80	2,559.15	-748.72	2,609.89	0.37	-0.21	0.31
14,489.00	90.20	359.00	11,721.52	2,654.14	-749.89	2,704.68	0.61	0.06	-0.61
14,584.00	90.34	359.26	11,721.07	2,749.13	-751.33	2,799.49	0.31	0.15	0.27
14,678.00	90.29	359.51	11,720.55	2,843.12	-752.34	2,893.27	0.27	-0.05	0.27
14,773.00	90.34	359.62	11,720.03	2,938.12	-753.06	2,988.03	0.13	0.05	0.12
14,868.00	90.30	359.38	11,719.50	3,033.11	-753.89	3,082.80	0.26	-0.04	-0.25
14,963.00	89.72	359.13	11,719.48	3,128.10	-755.13	3,177.60	0.66	-0.61	-0.26
15,057.00	89.97	359.06	11,719.74	3,222.09	-756.61	3,271.42	0.28	0.27	-0.07
15,152.00	89.98	358.99	11,719.78	3,317.08	-758.23	3,366.24	0.07	0.01	-0.07
15,247.00	89.84	358.59	11,719.93	3,412.05	-760.24	3,461.08	0.45	-0.15	-0.42
15,342.00	90.01	358.66	11,720.05	3,507.03	-762.52	3,555.94	0.19	0.18	0.07
15,436.00	89.84	358.07	11,720.17	3,600.99	-765.20	3,649.82	0.65	-0.18	-0.63
15,531.00	89.76	357.92	11,720.51	3,695.93	-768.52	3,744.73	0.18	-0.08	-0.16
15,626.00	89.81	358.06	11,720.86	3,790.87	-771.85	3,839.64	0.16	0.05	0.15
15,720.00	89.53	357.98	11,721.40	3,884.81	-775.10	3,933.55	0.31	-0.30	-0.09
15,815.00	89.94	357.45	11,721.84	3,979.74	-778.89	4,028.48	0.71	0.43	-0.56
15,910.00	90.09	358.19	11,721.82	4,074.67	-782.50	4,123.40	0.79	0.16	0.78
16,005.00	89.92	357.81	11,721.81	4,169.61	-785.82	4,218.31	0.44	-0.18	-0.40
16,100.00	89.78	358.08	11,722.06	4,264.55	-789.22	4,313.23	0.32	-0.15	0.28
16,194.00	89.61	358.79	11,722.56	4,358.51	-791.79	4,407.10	0.78	-0.18	0.76
16,289.00	89.72	359.57	11,723.11	4,453.50	-793.15	4,501.91	0.83	0.12	0.82
16,384.00	89.74	0.06	11,723.56	4,548.50	-793.46	4,596.64	0.52	0.02	0.52

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,479.00	89.65	0.39	11,724.07	4,643.49	-793.09	4,691.31	0.36	-0.09	0.35
16,573.00	89.80	1.24	11,724.52	4,737.48	-791.75	4,784.91	0.92	0.16	0.90
16,668.00	89.78	2.66	11,724.87	4,832.42	-788.52	4,879.31	1.49	-0.02	1.49
16,763.00	89.48	2.95	11,725.48	4,927.31	-783.87	4,973.54	0.44	-0.32	0.31
16,858.00	89.54	3.81	11,726.29	5,022.14	-778.27	5,067.64	0.91	0.06	0.91
16,939.83	89.63	4.11	11,726.88	5,103.77	-772.61	5,148.58	0.39	0.12	0.37
SL: 16939.83' MD, 89.63° Inc, 4.11° Azm									
16,953.00	89.65	4.16	11,726.96	5,116.91	-771.66	5,161.60	0.39	0.12	0.37
17,047.00	89.87	4.19	11,727.36	5,210.66	-764.82	5,254.53	0.24	0.23	0.03
17,142.00	89.85	3.63	11,727.59	5,305.43	-758.34	5,348.51	0.59	-0.02	-0.59
17,237.00	89.73	2.88	11,727.94	5,400.28	-752.95	5,442.64	0.80	-0.13	-0.79
17,331.00	90.16	1.96	11,728.03	5,494.19	-748.98	5,535.96	1.08	0.46	-0.98
17,426.00	90.08	1.10	11,727.83	5,589.16	-746.44	5,630.43	0.91	-0.08	-0.91
17,520.00	90.21	359.24	11,727.59	5,683.15	-746.16	5,724.12	1.98	0.14	-1.98
17,615.00	89.81	357.89	11,727.57	5,778.12	-748.54	5,818.98	1.48	-0.42	-1.42
17,710.00	89.98	356.88	11,727.75	5,873.02	-752.88	5,913.93	1.08	0.18	-1.06
17,804.00	89.93	356.66	11,727.82	5,966.87	-758.17	6,007.90	0.24	-0.05	-0.23
17,899.00	89.88	356.91	11,727.98	6,061.72	-763.50	6,102.88	0.27	-0.05	0.26
17,993.00	90.11	357.40	11,727.99	6,155.61	-768.17	6,196.84	0.58	0.24	0.52
18,088.00	90.61	358.00	11,727.39	6,250.53	-771.98	6,291.77	0.82	0.53	0.63
18,183.00	90.39	357.83	11,726.56	6,345.46	-775.44	6,386.68	0.29	-0.23	-0.18
18,277.00	90.52	357.47	11,725.82	6,439.38	-779.29	6,480.61	0.41	0.14	-0.38
18,372.00	90.23	357.61	11,725.19	6,534.29	-783.37	6,575.55	0.34	-0.31	0.15
18,467.00	90.50	358.48	11,724.59	6,629.23	-786.61	6,670.46	0.96	0.28	0.92
18,561.00	89.97	358.43	11,724.20	6,723.20	-789.14	6,764.33	0.57	-0.56	-0.05
18,656.00	90.24	359.57	11,724.03	6,818.18	-790.80	6,859.15	1.23	0.28	1.20
18,751.00	89.98	0.27	11,723.85	6,913.18	-790.93	6,953.87	0.79	-0.27	0.74
18,846.00	89.86	1.04	11,723.98	7,008.17	-789.85	7,048.49	0.82	-0.13	0.81
18,940.00	90.06	1.96	11,724.05	7,102.14	-787.39	7,141.97	1.00	0.21	0.98
19,034.00	90.42	2.10	11,723.65	7,196.08	-784.06	7,235.37	0.41	0.38	0.15
19,129.00	90.88	1.58	11,722.57	7,291.02	-781.01	7,329.78	0.73	0.48	-0.55
19,224.00	90.41	0.57	11,721.50	7,386.00	-779.22	7,424.32	1.17	-0.49	-1.06
19,319.00	90.38	0.78	11,720.85	7,480.99	-778.11	7,518.94	0.22	-0.03	0.22
19,413.00	90.47	0.94	11,720.15	7,574.98	-776.69	7,612.53	0.20	0.10	0.17
19,509.00	90.73	1.57	11,719.15	7,670.95	-774.59	7,708.04	0.71	0.27	0.66
19,604.00	90.18	0.80	11,718.39	7,765.92	-772.63	7,802.57	1.00	-0.58	-0.81
19,698.00	90.38	1.30	11,717.93	7,859.91	-770.91	7,896.13	0.57	0.21	0.53
19,793.00	90.64	1.12	11,717.09	7,954.88	-768.90	7,990.65	0.33	0.27	-0.19
19,888.00	90.20	0.93	11,716.39	8,049.86	-767.20	8,085.21	0.50	-0.46	-0.20
20,077.00	90.61	359.77	11,715.06	8,238.85	-766.05	8,273.53	0.65	0.22	-0.61
20,172.00	90.38	359.27	11,714.23	8,333.84	-766.84	8,368.29	0.58	-0.24	-0.53
20,266.00	90.39	358.78	11,713.60	8,427.83	-768.44	8,462.12	0.52	0.01	-0.52
20,361.00	90.54	358.32	11,712.83	8,522.79	-770.84	8,556.98	0.51	0.16	-0.48

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

OXY

Company:	OXY USA INC.	**Local Co-ordinate Reference:**	Well Dr Pi Fed Unit 18_7 IPP 312H
Project:	Lea County, NM (NAD83-NME)	**TVD Reference:**	RKB @ 3688.20usft (H&P 466)
Site:	Dr Pi Fed Unit 18 7 IPP	**MD Reference:**	RKB @ 3688.20usft (H&P 466)
Well:	Dr Pi Fed Unit 18_7 IPP 312H	**North Reference:**	Grid
Wellbore:	OH / 69895	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (H&P 466)	**Database:**	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,455.00	90.60	357.69	11,711.90	8,616.73	-774.12	8,650.88	0.67	0.06	-0.67
20,550.00	90.09	356.93	11,711.32	8,711.62	-778.58	8,745.84	0.96	-0.54	-0.80
20,644.00	89.94	355.53	11,711.30	8,805.42	-784.76	8,839.83	1.50	-0.16	-1.49
20,739.00	90.38	355.12	11,711.03	8,900.10	-792.50	8,934.82	0.63	0.46	-0.43
20,833.00	89.98	354.87	11,710.74	8,993.74	-800.70	9,028.82	0.50	-0.43	-0.27
20,928.00	89.80	354.92	11,710.92	9,088.36	-809.15	9,123.81	0.20	-0.19	0.05
21,022.00	90.03	354.88	11,711.06	9,181.99	-817.51	9,217.81	0.25	0.24	-0.04
21,116.00	90.39	354.61	11,710.72	9,275.60	-826.12	9,311.80	0.48	0.38	-0.29
21,210.00	90.61	354.24	11,709.90	9,369.15	-835.25	9,405.78	0.46	0.23	-0.39
21,305.00	88.92	353.53	11,710.29	9,463.60	-845.37	9,500.74	1.93	-1.78	-0.75
21,399.00	85.73	355.56	11,714.67	9,557.06	-854.30	9,594.60	4.02	-3.39	2.16
21,493.00	83.06	357.83	11,723.85	9,650.44	-859.69	9,688.12	3.72	-2.84	2.41
21,588.00	82.43	1.94	11,735.86	9,744.66	-859.88	9,782.06	4.34	-0.66	4.33
21,682.00	83.19	5.22	11,747.62	9,837.72	-854.06	9,874.39	3.56	0.81	3.49
21,776.00	84.69	8.07	11,757.55	9,930.55	-843.24	9,966.09	3.41	1.60	3.03
21,870.00	86.83	8.92	11,764.50	10,023.26	-829.39	10,057.43	2.45	2.28	0.90
21,964.00	88.68	9.80	11,768.18	10,115.93	-814.12	10,148.62	2.18	1.97	0.94
22,058.00	92.57	11.94	11,767.16	10,208.22	-796.40	10,239.24	4.72	4.14	2.28
22,131.01	94.74	13.05	11,762.50	10,279.35	-780.63	10,308.92	3.34	2.97	1.52
LTP: 22131.01' MD, 94.74° Inc, 13.05° Azm									
22,135.00	94.86	13.11	11,762.17	10,283.22	-779.73	10,312.71	3.34	2.97	1.52
Final Phoenix MWD Survey									
22,185.00	94.86	13.11	11,757.93	10,331.74	-768.43	10,360.20	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
926.09	926.07	-2.61	-3.81	Tie In
978.00	977.98	-2.83	-3.85	First Phoenix MWD Survey
11,545.49	11,432.18	-177.86	-680.54	SL: 11545.49' MD, 37.14° Inc, 327.31° Azm
11,716.21	11,562.91	-78.37	-725.36	FTP: 11716.21' MD, 45.69° Inc, 344.91° Azm
16,939.83	11,726.88	5,103.77	-772.61	SL: 16939.83' MD, 89.63° Inc, 4.11° Azm
22,131.01	11,762.50	10,279.35	-780.63	LTP: 22131.01' MD, 94.74° Inc, 13.05° Azm
22,135.00	11,762.17	10,283.22	-779.73	Final Phoenix MWD Survey
22,185.00	11,757.93	10,331.74	-768.43	Projection to TD

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
30-025-48167	5695	BILBREY BASIN; BONE SPRING

[4] Property Code	Property Name	[6] Well Number
332928	DR PI FEDERAL UNIT 18-7 IPP	312H

[7] OGRID No.	[8] Operator Name	[9] Elevation
16696	OXY USA INC.	3663'

[10] Surface Location

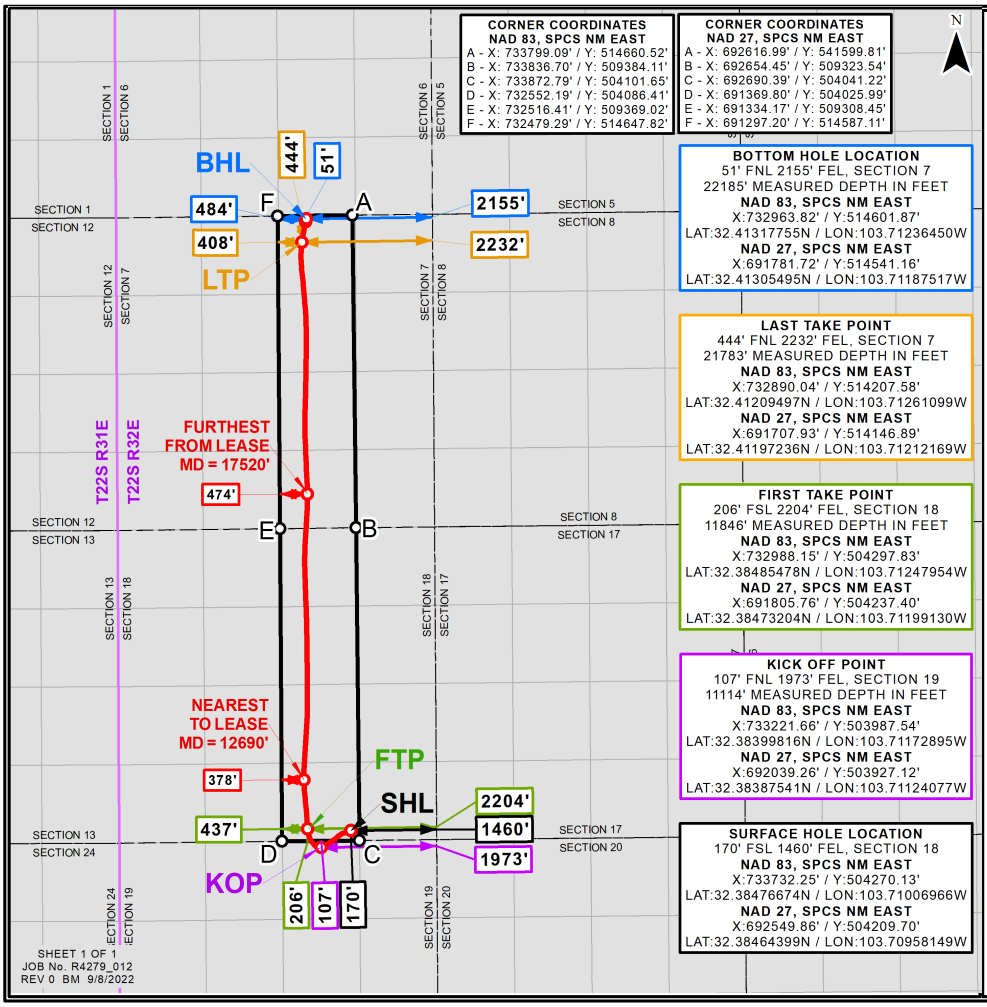
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	18	22S	32E		170	SOUTH	1460	EAST	LEA

[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
B	7	22S	32E		51	NORTH	2155	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0			

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.



BOTTOM HOLE LOCATION
51' FNL 2155' FEL, SECTION 7
22185' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:732963.82' / Y:514601.87'
LAT:32.41317755N / LON:103.71236450W
NAD 27, SPCS NM EAST
X:691781.72' / Y:514541.16'
LAT:32.41305495N / LON:103.71187517W

LAST TAKE POINT
444' FNL 2232' FEL, SECTION 7
21783' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:732890.04' / Y:514207.58'
LAT:32.41209497N / LON:103.71261099W
NAD 27, SPCS NM EAST
X:691707.93' / Y:514146.89'
LAT:32.41197236N / LON:103.71212169W

FIRST TAKE POINT
206' FSL 2204' FEL, SECTION 18
11846' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:732988.15' / Y:504297.83'
LAT:32.38485478N / LON:103.71247954W
NAD 27, SPCS NM EAST
X:691805.76' / Y:504237.40'
LAT:32.38473204N / LON:103.71199130W

KICK OFF POINT
107' FNL 1973' FEL, SECTION 19
11114' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:733221.66' / Y:503987.54'
LAT:32.38399816N / LON:103.71172895W
NAD 27, SPCS NM EAST
X:692039.26' / Y:503927.12'
LAT:32.38387541N / LON:103.71124077W

SURFACE HOLE LOCATION
170' FSL 1460' FEL, SECTION 18
NAD 83, SPCS NM EAST
X:733732.25' / Y:504270.13'
LAT:32.38476674N / LON:103.71006966W
NAD 27, SPCS NM EAST
X:692549.86' / Y:504209.70'
LAT:32.38464399N / LON:103.70958149W

[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: 09/11/22 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 8, 2022
Date of Survey

Signature and Seal of Professional Surveyor

DAVID W. MYERS
NEW MEXICO
11403
PROFESSIONAL SURVEYOR

Certificate Number
DAVID W. MYERS

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** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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** 24H, 25H, 26H, 34H, 35H, 43H, 44H, 73H, 74H, 312H, 313H	**APD ID** 10400054230

Section 1 - General

Well Completion Report Id: 87495

Submission Date: 02-28-2023

BLM Office: Carlsbad Field Office

User: JANA MENDIOLA

Title: Regulatory Advisor

Federal/Indian: FEDERAL

Lease Number: NMNM32411

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** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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Section 2 - Well

Field/Pool or Exploratory: **Pool Name:** Bilbrey Basin; Bone **Field Name:** BONE SPRING

Well Type: OIL WELL

Spud Date: 01-31-2022

Date Total Measured Depth Reached: 08-04-2022

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		3663	935	935	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		2478	1222	1222	OTHER	SALT
CASTILE	ANHYDRITE		783	3171	3171	OTHER	salt
LAMAR	SILTSTONE		-1014	4677	4677	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-1072	4721	4721	NATURAL GAS, OIL, OTHER, USEABLE WATER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1928	5602	5602	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		-3136	6786	6786	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4898	8585	8591	NATURAL GAS, OIL	

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BONE SPRING 1ST	SANDSTONE, SILTSTONE		-5979	9641	9666	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE, SILTSTONE		-6624	10314	10350	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE, SILTSTONE		-7630	11337	11430	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		NEW		POW	09-12-2022	09-16-2022	BONE SPRING 3RD	11846	21783	Y	.42	1200	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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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	389878	24994000	Frac in 40 stages w/ 233927BBL Produced Water + 155951BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS) w/ 24994000# 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 312H

US Well Number 3002548167

SHL SWSE Sec 18 22S 32E

County LEA

State NM

Lease Number(s) NMNM32411

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 24H, 25H, 26H, 34H, 35H, 43H, 44H, 73H, 74H, 312H, 313H

APD ID 10400054230

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	10/04/2022	24	2963	4945	12336	1668				1148
00	S1	1	10/04/2022	24	2963	4945	12336	1668				1148
00	S1	1	10/04/2022	24	2963	4945	12336	1668				1148

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	32.3847667	-103.7100697	3663	N/A	N/A	FEDERAL	NMNM 32411				170	FSL	1460	FEL	22S	32E	18	SWSE

Operator Name OXY USA INCORPORATED

Well Name DR PI FED UNIT 18_7 IPP

Well Number 312H

US Well Number 3002548167

SHL SWSE Sec 18 22S 32E

County LEA

State NM

Lease Number(s) NMNM32411

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 24H, 25H, 26H, 34H, 35H, 43H, 44H, 73H, 74H, 312H, 313H

APD ID 10400054230

	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
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3839981	-103.7117289	-7396	11114	11059	FEDERAL	NMNM090Z				107	FNL	1973	FEL	22S	32E	19	NWNE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3848547	-103.7124795	-7977	11846	11640	FEDERAL	NMNM32411				206	FSL	2204	FEL	22S	32E	18	SWSE
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4120949	-103.7126109	-8095	21783	11758	FEE	FEE				444	FNL	2232	FEL	22S	32E	7	NWNE
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4131775	-103.7123645	-8095	22185	11758	FEE	FEE				51	FNL	2155	FEL	22S	32E	7	NWNE

Casing, Liner and Tubing

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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** 24H, 25H, 26H, 34H, 35H, 43H, 44H, 73H, 74H, 312H, 313H	**APD ID** 10400054230

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	938	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	11043	7.625	26.4	HCL-80		BUTT		
00	PRODUCTION	6.75	0	22165	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		CLC	1140	1.35	0					274.1
00	INTERMEDIATE		CLASS C	1249	1.71	0	CLASS C	324	1.91	0	2073.7
00	INTERMEDIATE		CL H	700	2.63	0	CLASS H	650	1.36	0	2073.7
00	PRODUCTION		Cl H	835	1.39	8701					206.7

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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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	2.375		11715						

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** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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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_7IPP312H_CBL_20230228132051.pdf

DrPiFedUnit18_7IPP312H_FinalDirectionalSurvey_20230228132107.pdf

DrPiFedUnit18_7IPP312H_AsDrilledC102_20230228132117.pdf

Operator Name OXY USA INCORPORATED	**Well Name** DR PI FED UNIT 18_7 IPP	**Well Number** 312H	**US Well Number** 3002548167
SHL SWSE Sec 18 22S 32E	**County** LEA	**State** NM	**Lease Number(s)** NMNM32411
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DrPiFedUnit18_7IPP312H_WBD_20230228132129.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: 482757
	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

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

CONDITIONS

Action 482757

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 482757
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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