

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date: NW - 07/22/2022
⁴ API Number 30 - 015-47258	⁵ Pool Name PURPLE SAGE WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code: 328304	⁸ Property Name: JEFF SMITH MDP1 7-18 FEDERAL COM	⁹ Well Number: 171H

II. 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
L7	6	24S	31E		779	SOUTH	705	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 108' FNL 399' FWL LTP- 181' FSL 377' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L4	18	24S	31E		38	SOUTH	355	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 7/27/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 04/18/22	²² Ready Date 07/22/2022	²³ TD 22510'M 11666'V	²⁴ PBTD 22456'M 11665'V	²⁵ Perforations 12063-22364'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	845'	900		
9-7/8"	7-5/8"	10490'	2427		
6-3/4"	5-1/2"	22480'	961		
	2-3/8" TBG	11624'	NA		

V. Well Test Data

³¹ Date New Oil 7/27/22	³² Gas Delivery Date 7/27/22	³³ Test Date 8/13/22	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1696
³⁷ Choke Size 128/128	³⁸ Oil 4518	³⁹ Water 8488	⁴⁰ Gas 8182		⁴¹ Test Method F

⁴² 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.



Signature:

Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 10/23/2022 Phone: 432-685-5036

OIL CONSERVATION DIVISION

Approved by: Sarah McGrath

Title: Petroleum Specialist - A

Approval Date: 03/24/2023

File 3160-4 within 10 days of BLM Approval
Upload CBL to OCD Permitting/Well Logs

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

Revised August 1, 2011
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 District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-47258	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 328304	Property Name JEFF SMITH MDPI 7_18 FED COM	⁶ Well Number 171H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC	⁹ Elevation 3451'

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
L 7	6	24S	31E		779	SOUTH	705	WEST	EDDY
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 4	18	24S	31E		38	SOUTH	355	WEST	EDDY
¹² Dedicated Acres 655.04	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8340						

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 this division. Signature: Date: 7/21/22 Printed Name: JANA MENDIOLA E-mail Address: janalyn_mendiola@oxy.com
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. Date of Survey: JULY 20, 2022 Signature and Seal of Professional Surveyor: Certificate Number: LOYD P. SHORT 21653		

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977704 Convergence Angle: 00°16'56.57999"

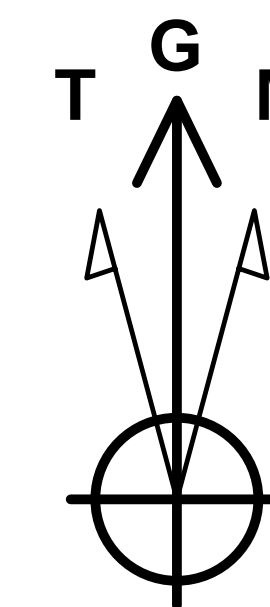
Horizontal Spacing Unit



Project: Eddy County, NM (NAD83-NME)
Site: Jeff Smith MDP1 7_18
Well: Jeff Smith MDP1 7_18 FED COM 171H
Wellbore: OH / 69703
Design: Plan 2 05-23-22
Rig: H&P 479



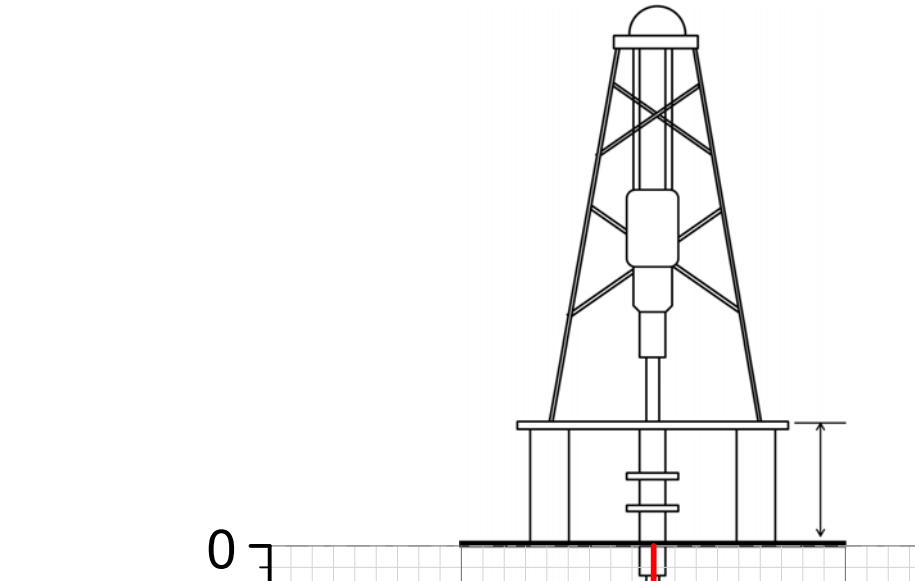
PHOENIX
TECHNOLOGY SERVICES



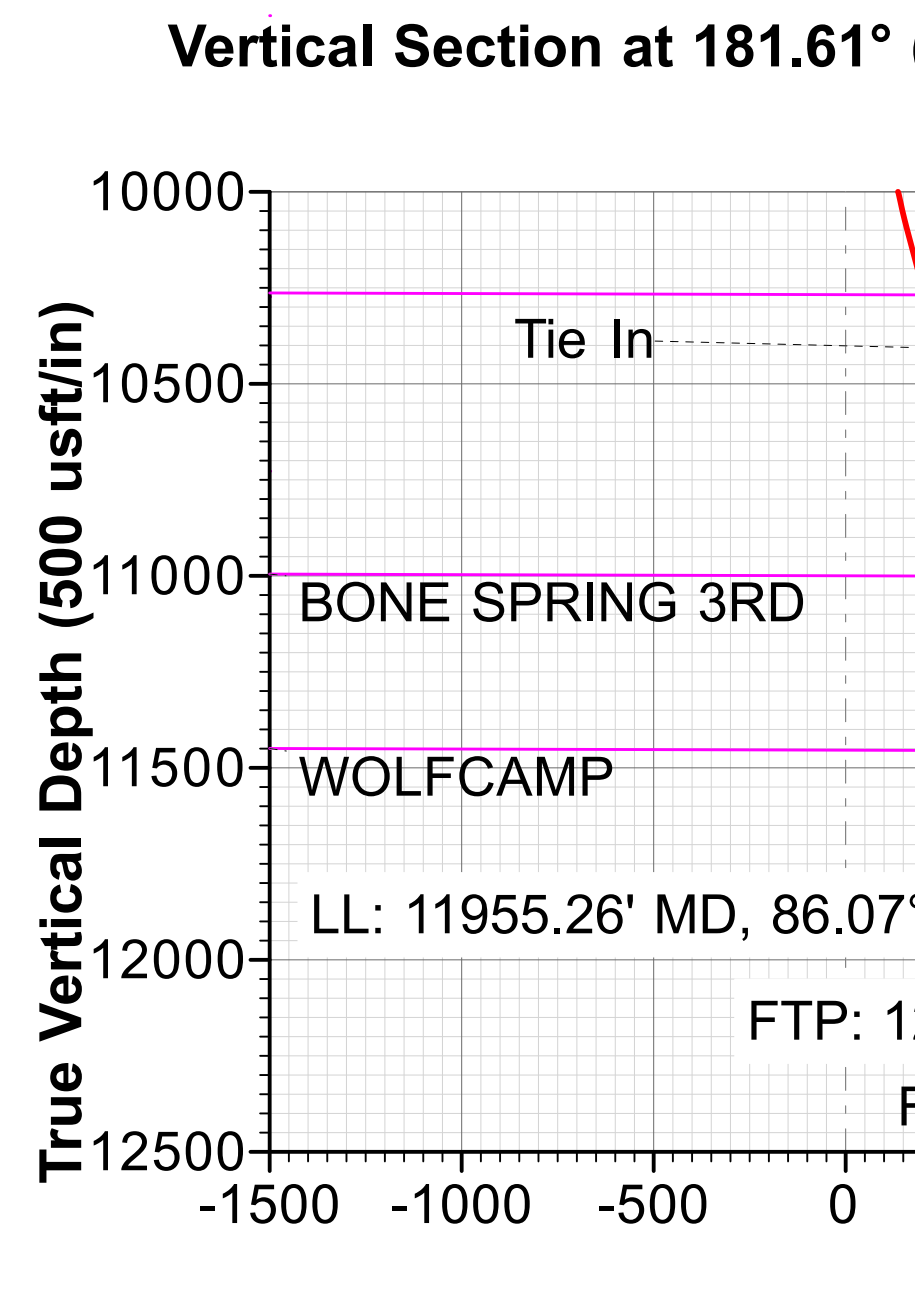
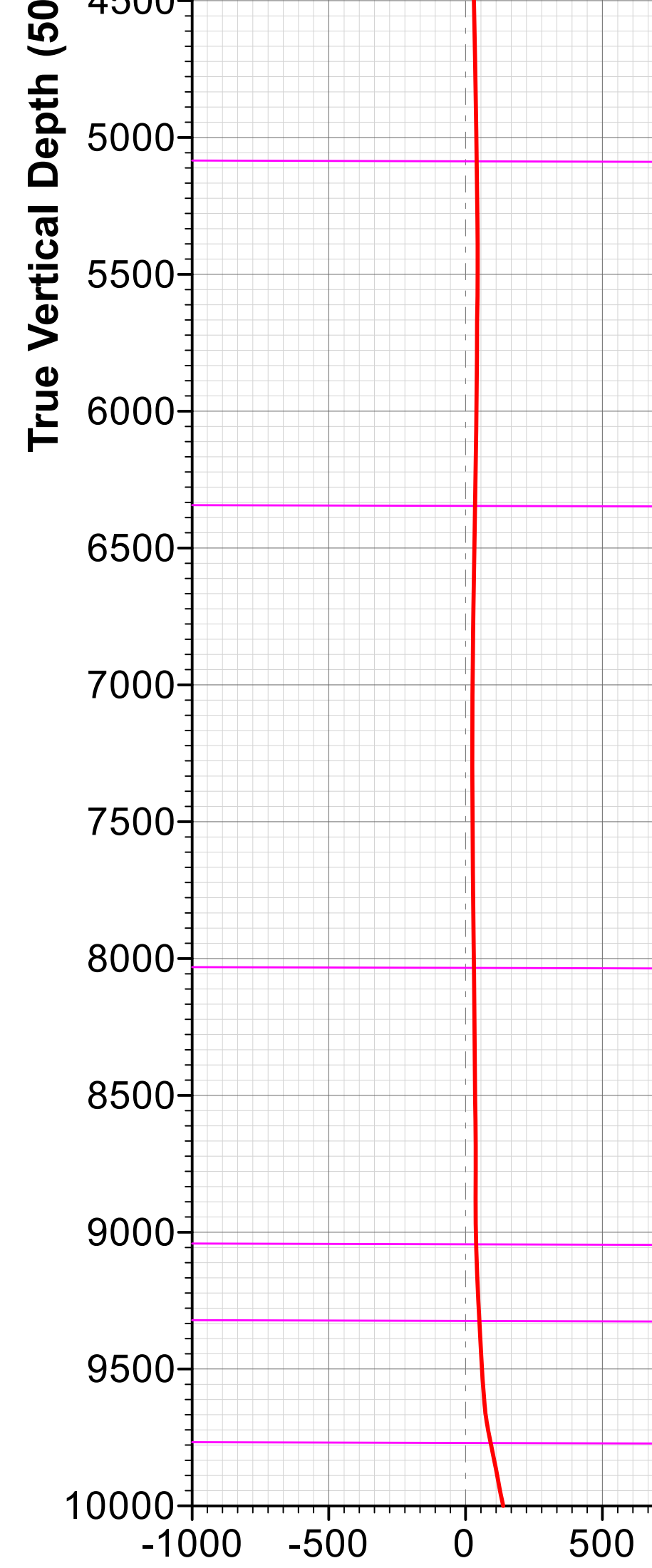
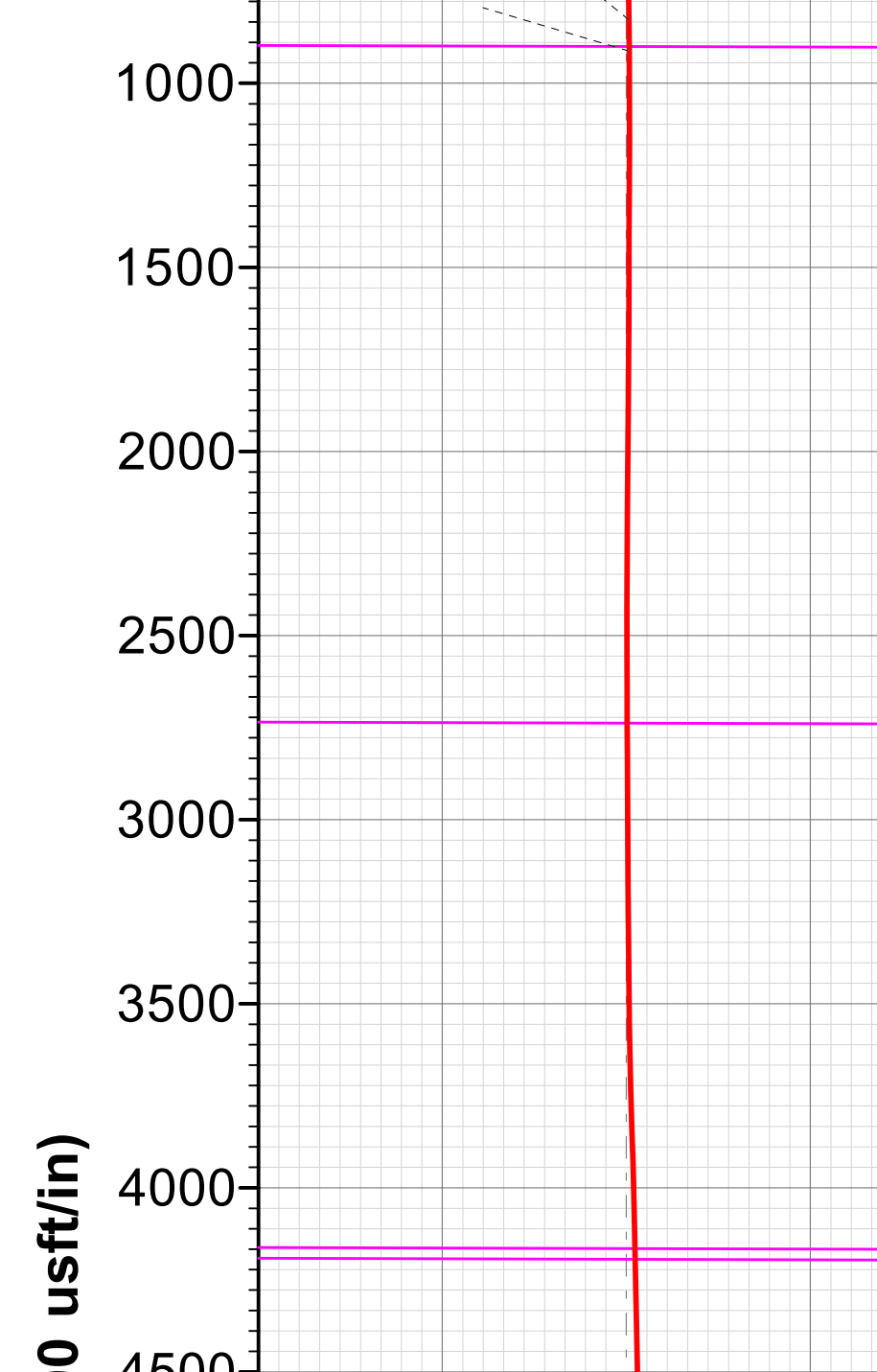
Azimuths to Grid North
True North: -0.27°
Magnetic North: 6.43°
Magnetic Field
Strength: 47638.6nT
Dip Angle: 59.91°
Date: 5/6/2022
Model: IFR

RKB @ 3476.00usft (H&P 479)

Ground Level: 3451.00



Tie In
First Phoenix MWD Survey



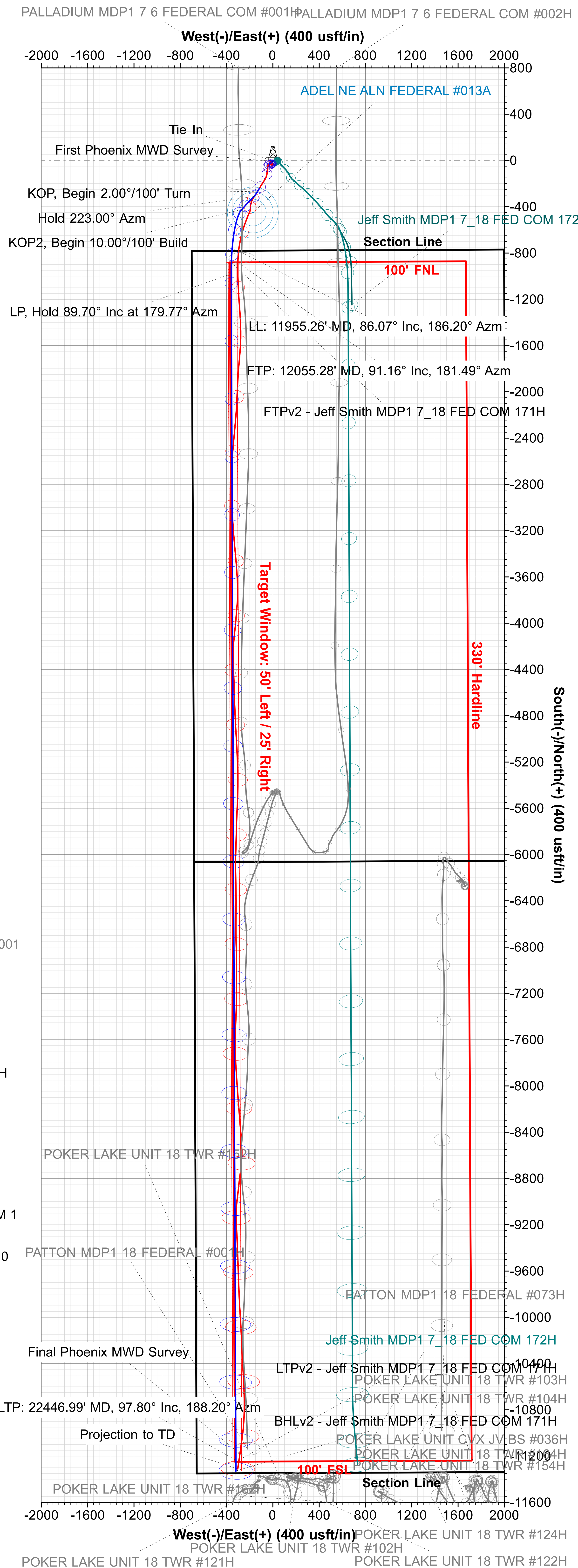
WELL DETAILS							
		Ground Level:		3451.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.00	0.00	451877.50	699003.91	32° 14' 28.528925 N	103° 49' 24.151851 W		

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace
1	10434.00	17.18	210.01	10407.24	-240.72	-116.05	0.00	0.000	243.89
2	10534.00	17.18	210.01	10502.77	-266.30	-130.82	0.00	0.000	269.87
3	10725.47	17.18	223.00	10685.77	-311.48	-164.26	2.00	96.208	315.98
4	11246.97	17.18	223.00	11184.00	-424.14	-269.32	0.00	0.000	431.54
5	12019.79	89.70	179.77	11623.98	-981.14	-359.78	10.00	-44.596	990.87
6	22367.19	89.70	179.77	11677.34	-11328.32	-318.82	0.00	0.000	11332.81
BHLv2 - Jeff Smith MDP1 7_18 FED COM 171HTD at 22367.29									
Annotation									
Tie In									
KOP, Begin 2.00°/100' Turn									
Hold 223.00° Azm									
KOP2, Begin 10.00°/100' Build									
LP, Hold 89.70° Inc at 179.77° Azm									

FORMATION TOP DETAILS									
TVDPath	MDPath	Formation							
524.01	524.04	RUSTLER							
900.02	900.08	SALADO							
2738.01	2738.22	CASTILE							
4165.07	4165.65	DELAWARE							
4194.07	4194.66	BELL CANYON							
5087.12	5087.88	CHERRY CANYON							
6346.10	6347.00	BRUSHY CANYON							
8034.09	8035.15	BONE SPRING							
9044.11	9045.57	BONE SPRING 1ST							
9324.15	9325.91	Second Bone Spring Limestone							
9770.27	9774.58	BONE SPRING 2ND							
10268.61	10288.80	Third Bone Spring Limestone							
11001.15	11055.58	BONE SPRING 3RD							
11455.73	11566.92	WOLFCAMP							

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone
Local Origin: Well Jeff Smith MDP1 7_18 FED COM 171H, Grid North
Latitude: 32° 14' 28.528925 N
Longitude: 103° 49' 24.151851 W
Grid East: 699003.91
Grid North: 451877.50
Scale Factor: 1.000
Geomagnetic Model: IFR
Sample Date: 06-May-22
Magnetic Declination: 6.698°
Dip Angle from Horizontal: 59.909°
Magnetic Field Strength: 47638.60000000nT
To convert a Magnetic Direction to a Grid Direction, Add 6.426°
To convert a Magnetic Direction to a True Direction, Add 6.698° East
To convert a True Direction to a Grid Direction, Subtract 0.272°

LEGEND	
—	POKER LAKE UNIT 18 TWR #152H, OH, Surveys V0
—	Jeff Smith MDP1 7_18 FED COM 171H, OH / 69703, Surveys (H&P 479) V0
—	POKER LAKE UNIT 18 TWR #127H, OH, Surveys V0
—	PALLADIUM MDP1 7 6 FEDERAL COM #001H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #105H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #126H, OH, Surveys V0
—	Jeff Smith MDP1 7_18 FED COM 172H, OH / 69704, Surveys (H&P 479) V0
—	Jeff Smith MDP1 7_18 FED COM 172H, OH / 69704, Plan 3 06-06-22 V0
—	ADELIN ALN FEDERAL #013A, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #121H, OH, Surveys (Orion Polaris 14) V0
—	POKER LAKE UNIT 18 TWR #157H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #164H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #103H, OH, Surveys (Ensign 762) V0
—	POKER LAKE UNIT CVX JV BS #036H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #155H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #122H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #124H, OH, Surveys V0
—	PATTON MDP1 18 FEDERAL #001H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #102H, OH, Surveys V0
—	PALLADIUM MDP1 7 6 FEDERAL COM #002H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #158H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #104H, OH, Surveys V0
—	PATTON MDP1 18 FEDERAL #073H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #154H, OH, Surveys V0
—	POKER LAKE UNIT 18 TWR #162H, OH, Surveys (Nabors X15) V0
—	Plan 2 05-23-22



Date: 15:59, June 10 2022



OXY USA INC.

Eddy County, NM (NAD83-NME)

Jeff Smith MDP1 7_18

Jeff Smith MDP1 7_18 FED COM 171H

OH / 69703

Design: Surveys (H&P 479)

Standard Survey Report

10 June, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Project	Eddy 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	Jeff Smith MDP1 7_18		
Site Position:		Northing:	451,877.49 usft
From:	Map	Easting:	699,038.91 usft
Position Uncertainty:	1.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 28.527181 N
		Longitude:	103° 49' 23.744330 W
		Grid Convergence:	0.272 °

Well	Jeff Smith MDP1 7_18 FED COM 171H		
Well Position	+N/-S	0.00 usft	Northing: 451,877.50 usft
	+E/-W	0.00 usft	Easting: 699,003.91 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 14' 28.528925 N
		Longitude:	103° 49' 24.151851 W
		Ground Level:	3,451.00 usft

Wellbore	OH / 69703				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	5/6/2022	6.698	59.909	47,638.60000000

Design	Surveys (H&P 479)				
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	181.61	

Survey Program	Date	6/10/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	827.99	Gyrodata Gyro Surveys (OH / 69703)	GYD_G003_GC+DROP+I	Gyrodata Stationary Tool drop on BHA on open h	
913.00	22,510.00	Phoenix MWD Surveys (OH / 69703)	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	
69.18	0.05	160.58	69.18	-0.02	0.01	0.02	0.11	0.11	0.00	
185.06	0.32	87.48	185.06	-0.05	0.35	0.04	0.27	0.23	-63.08	
274.04	0.85	137.00	274.03	-0.52	1.04	0.49	0.77	0.60	55.65	
368.27	0.91	147.51	368.25	-1.67	1.92	1.61	0.18	0.06	11.15	
462.40	0.87	140.03	462.37	-2.84	2.78	2.76	0.13	-0.04	-7.95	
556.71	0.78	167.13	556.67	-4.02	3.39	3.92	0.42	-0.10	28.74	
651.08	0.99	171.11	651.03	-5.45	3.66	5.35	0.23	0.22	4.22	
745.48	0.51	198.97	745.42	-6.65	3.65	6.55	0.62	-0.51	29.51	



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)
827.99	0.45	199.47	827.93	-7.31	3.42	7.21	0.07	-0.07	0.61
Tie In									
913.00	0.39	231.34	912.94	-7.80	3.08	7.71	0.28	-0.07	37.49
First Phoenix MWD Survey									
1,101.00	0.42	271.47	1,100.93	-8.18	1.89	8.13	0.15	0.02	21.35
1,195.00	0.49	290.12	1,194.93	-8.04	1.17	8.00	0.17	0.07	19.84
1,289.00	0.53	284.18	1,288.93	-7.79	0.37	7.78	0.07	0.04	-6.32
1,414.00	0.53	290.57	1,413.92	-7.45	-0.73	7.46	0.05	0.00	5.11
1,509.00	0.57	288.92	1,508.92	-7.14	-1.59	7.18	0.05	0.04	-1.74
1,604.00	0.55	290.38	1,603.91	-6.83	-2.46	6.89	0.03	-0.02	1.54
1,698.00	0.65	298.75	1,697.91	-6.41	-3.35	6.51	0.14	0.11	8.90
1,793.00	0.70	306.96	1,792.90	-5.81	-4.29	5.92	0.11	0.05	8.64
1,888.00	0.74	312.93	1,887.89	-5.04	-5.20	5.18	0.09	0.04	6.28
1,982.00	0.88	309.04	1,981.88	-4.17	-6.21	4.34	0.16	0.15	-4.14
2,077.00	0.94	307.87	2,076.87	-3.23	-7.39	3.44	0.07	0.06	-1.23
2,172.00	0.88	296.12	2,171.86	-2.43	-8.66	2.68	0.21	-0.06	-12.37
2,266.00	1.00	288.02	2,265.85	-1.86	-10.09	2.14	0.19	0.13	-8.62
2,361.00	1.09	279.11	2,360.83	-1.46	-11.77	1.79	0.20	0.09	-9.38
2,456.00	1.07	268.68	2,455.82	-1.34	-13.55	1.72	0.21	-0.02	-10.98
2,550.00	0.98	262.82	2,549.80	-1.46	-15.22	1.89	0.15	-0.10	-6.23
2,645.00	0.76	263.36	2,644.79	-1.63	-16.65	2.10	0.23	-0.23	0.57
2,740.00	0.59	262.71	2,739.78	-1.77	-17.76	2.27	0.18	-0.18	-0.68
2,834.00	0.59	246.87	2,833.78	-2.02	-18.69	2.55	0.17	0.00	-16.85
2,929.00	0.67	234.40	2,928.77	-2.54	-19.59	3.09	0.17	0.08	-13.13
3,024.00	0.80	250.74	3,023.76	-3.08	-20.67	3.66	0.26	0.14	17.20
3,119.00	0.83	247.96	3,118.76	-3.56	-21.93	4.17	0.05	0.03	-2.93
3,213.00	0.69	232.77	3,212.75	-4.15	-23.01	4.80	0.26	-0.15	-16.16
3,308.00	0.73	228.05	3,307.74	-4.90	-23.92	5.58	0.07	0.04	-4.97
3,403.00	0.51	192.76	3,402.73	-5.72	-24.46	6.41	0.45	-0.23	-37.15
3,498.00	0.96	138.71	3,497.73	-6.73	-24.03	7.40	0.82	0.47	-56.89
3,592.00	1.43	138.98	3,591.71	-8.21	-22.74	8.84	0.50	0.50	0.29
3,687.00	1.40	139.22	3,686.68	-9.98	-21.21	10.57	0.03	-0.03	0.25
3,782.00	2.09	146.16	3,781.63	-12.30	-19.48	12.84	0.76	0.73	7.31
3,877.00	2.77	149.95	3,876.55	-15.72	-17.37	16.21	0.74	0.72	3.99
3,971.00	1.44	142.41	3,970.48	-18.63	-15.51	19.06	1.44	-1.41	-8.02
4,066.00	1.54	148.63	4,065.45	-20.66	-14.12	21.05	0.20	0.11	6.55
4,161.00	1.38	155.87	4,160.42	-22.80	-12.99	23.15	0.26	-0.17	7.62
4,255.00	1.26	159.38	4,254.39	-24.80	-12.16	25.13	0.15	-0.13	3.73
4,350.00	1.22	162.67	4,349.37	-26.74	-11.49	27.05	0.09	-0.04	3.46
4,445.00	1.19	163.58	4,444.35	-28.65	-10.91	28.95	0.04	-0.03	0.96
4,539.00	1.19	165.34	4,538.33	-30.53	-10.39	30.81	0.04	0.00	1.87
4,634.00	1.30	166.12	4,633.31	-32.53	-9.88	32.80	0.12	0.12	0.82
4,729.00	1.13	163.74	4,728.29	-34.48	-9.36	34.73	0.19	-0.18	-2.51



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
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Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)
4,824.00	0.98	162.47	4,823.27	-36.15	-8.85	36.39	0.16	-0.16	-1.34
4,918.00	0.94	157.55	4,917.26	-37.63	-8.32	37.85	0.10	-0.04	-5.23
5,013.00	0.84	163.44	5,012.25	-39.02	-7.82	39.22	0.14	-0.11	6.20
5,108.00	0.67	176.05	5,107.24	-40.24	-7.58	40.44	0.25	-0.18	13.27
5,202.00	0.68	180.71	5,201.23	-41.35	-7.55	41.54	0.06	0.01	4.96
5,297.00	0.61	183.59	5,296.23	-42.41	-7.59	42.61	0.08	-0.07	3.03
5,392.00	0.69	189.54	5,391.22	-43.48	-7.72	43.68	0.11	0.08	6.26
5,487.00	0.35	353.08	5,486.22	-43.76	-7.85	43.96	1.08	-0.36	172.15
5,581.00	0.73	8.80	5,580.21	-42.88	-7.79	43.09	0.43	0.40	16.72
5,676.00	0.66	28.13	5,675.21	-41.80	-7.44	42.00	0.26	-0.07	20.35
5,771.00	0.79	48.08	5,770.20	-40.88	-6.69	41.05	0.30	0.14	21.00
5,866.00	1.06	67.71	5,865.19	-40.11	-5.39	40.25	0.43	0.28	20.66
5,960.00	1.00	66.43	5,959.17	-39.45	-3.84	39.55	0.07	-0.06	-1.36
6,055.00	0.87	61.25	6,054.16	-38.78	-2.44	38.83	0.16	-0.14	-5.45
6,150.00	1.18	37.45	6,149.14	-37.65	-1.22	37.67	0.55	0.33	-25.05
6,244.00	1.19	30.92	6,243.12	-36.05	-0.13	36.04	0.14	0.01	-6.95
6,339.00	1.23	30.97	6,338.10	-34.33	0.90	34.29	0.04	0.04	0.05
6,434.00	1.03	20.81	6,433.08	-32.65	1.73	32.59	0.30	-0.21	-10.69
6,529.00	0.90	1.60	6,528.07	-31.11	2.06	31.04	0.36	-0.14	-20.22
6,623.00	0.79	347.37	6,622.06	-29.74	1.94	29.67	0.25	-0.12	-15.14
6,718.00	0.78	336.36	6,717.05	-28.51	1.53	28.45	0.16	-0.01	-11.59
6,813.00	0.69	339.73	6,812.04	-27.38	1.08	27.34	0.11	-0.09	3.55
6,908.00	0.77	341.85	6,907.04	-26.24	0.68	26.21	0.09	0.08	2.23
7,003.00	0.58	337.15	7,002.03	-25.19	0.29	25.17	0.21	-0.20	-4.95
7,097.00	0.46	309.10	7,096.03	-24.51	-0.18	24.50	0.30	-0.13	-29.84
7,192.00	0.43	286.28	7,191.02	-24.17	-0.82	24.18	0.19	-0.03	-24.02
7,287.00	0.33	264.38	7,286.02	-24.10	-1.44	24.13	0.18	-0.11	-23.05
7,382.00	0.51	236.47	7,381.02	-24.36	-2.06	24.40	0.28	0.19	-29.38
7,476.00	0.69	237.14	7,475.01	-24.89	-2.89	24.97	0.19	0.19	0.71
7,571.00	0.82	241.68	7,570.01	-25.53	-3.97	25.63	0.15	0.14	4.78
7,665.00	0.96	241.81	7,663.99	-26.22	-5.25	26.36	0.15	0.15	0.14
7,760.00	0.94	237.45	7,758.98	-27.01	-6.61	27.19	0.08	-0.02	-4.59
7,855.00	1.04	237.75	7,853.97	-27.89	-8.00	28.11	0.11	0.11	0.32
7,950.00	1.05	238.55	7,948.95	-28.81	-9.47	29.06	0.02	0.01	0.84
8,045.00	1.08	235.68	8,043.93	-29.77	-10.95	30.06	0.06	0.03	-3.02
8,139.00	1.03	234.47	8,137.92	-30.76	-12.37	31.09	0.06	-0.05	-1.29
8,234.00	1.13	241.09	8,232.90	-31.71	-13.88	32.08	0.17	0.11	6.97
8,329.00	1.27	251.55	8,327.88	-32.49	-15.70	32.92	0.27	0.15	11.01
8,423.00	1.36	250.07	8,421.86	-33.20	-17.74	33.69	0.10	0.10	-1.57
8,518.00	2.04	247.05	8,516.81	-34.24	-20.36	34.80	0.72	0.72	-3.18
8,591.00	1.89	248.27	8,589.77	-35.20	-22.67	35.82	0.21	-0.21	1.67
8,685.00	1.60	265.17	8,683.73	-35.88	-25.42	36.58	0.63	-0.31	17.98
8,780.00	1.87	278.98	8,778.68	-35.75	-28.27	36.53	0.52	0.28	14.54
8,875.00	1.72	279.13	8,873.64	-35.28	-31.21	36.15	0.16	-0.16	0.16



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)
8,970.00	1.71	247.19	8,968.60	-35.61	-33.92	36.55	0.99	-0.01	-33.62
9,064.00	2.67	220.08	9,062.53	-37.83	-36.63	38.84	1.48	1.02	-28.84
9,159.00	2.60	215.62	9,157.43	-41.27	-39.31	42.36	0.23	-0.07	-4.69
9,253.00	2.69	206.70	9,251.33	-44.97	-41.54	46.12	0.45	0.10	-9.49
9,348.00	3.45	183.43	9,346.20	-49.82	-42.71	51.00	1.52	0.80	-24.49
9,443.00	3.02	183.97	9,441.04	-55.17	-43.06	56.36	0.45	-0.45	0.57
9,538.00	3.58	193.66	9,535.89	-60.55	-43.93	61.76	0.83	0.59	10.20
9,633.00	5.39	190.52	9,630.59	-67.82	-45.44	69.07	1.92	1.91	-3.31
9,727.00	11.04	187.93	9,723.59	-81.08	-47.49	82.39	6.02	6.01	-2.76
9,822.00	11.52	185.63	9,816.76	-99.53	-49.68	100.89	0.69	0.51	-2.42
9,917.00	10.51	184.40	9,910.00	-117.61	-51.28	119.01	1.09	-1.06	-1.29
10,012.00	12.81	200.19	10,003.06	-136.14	-55.58	137.65	4.12	2.42	16.62
10,106.00	16.13	208.20	10,094.08	-157.44	-65.35	159.22	4.12	3.53	8.52
10,201.00	17.89	212.85	10,184.92	-181.33	-79.50	183.50	2.34	1.85	4.89
10,296.00	17.28	212.40	10,275.48	-205.50	-94.98	208.09	0.66	-0.64	-0.47
10,390.00	17.36	210.16	10,365.22	-229.41	-109.50	232.40	0.71	0.09	-2.38
10,434.00	17.18	210.01	10,407.24	-240.72	-116.05	243.89	0.42	-0.41	-0.34
10,548.00	15.51	209.98	10,516.63	-268.50	-132.09	272.11	1.46	-1.46	-0.03
10,643.00	14.48	214.86	10,608.39	-289.25	-145.22	293.22	1.71	-1.08	5.14
10,738.00	13.25	213.44	10,700.62	-308.08	-158.01	312.41	1.34	-1.29	-1.49
10,833.00	13.65	212.91	10,793.02	-326.58	-170.10	331.23	0.44	0.42	-0.56
10,928.00	12.94	202.95	10,885.48	-345.79	-180.34	350.72	2.52	-0.75	-10.48
11,023.00	11.48	194.59	10,978.34	-364.73	-186.87	369.84	2.41	-1.54	-8.80
11,117.00	9.87	194.41	11,070.71	-381.59	-191.23	386.82	1.71	-1.71	-0.19
11,212.00	6.95	191.75	11,164.68	-395.10	-194.43	400.42	3.10	-3.07	-2.80
11,307.00	7.21	164.82	11,258.98	-406.49	-194.04	411.79	3.47	0.27	-28.35
11,401.00	13.52	188.67	11,351.44	-423.07	-194.15	428.36	7.98	6.71	25.37
11,496.00	20.56	204.94	11,442.26	-449.22	-202.88	454.75	8.88	7.41	17.13
11,591.00	33.98	200.85	11,526.52	-489.34	-219.44	495.32	14.26	14.13	-4.31
11,685.00	47.93	200.45	11,597.33	-546.86	-241.08	553.43	14.84	14.84	-0.43
11,780.00	59.14	195.28	11,653.73	-619.50	-264.23	626.69	12.58	11.80	-5.44
11,875.00	72.11	191.25	11,692.86	-703.56	-283.89	711.26	14.19	13.65	-4.24
11,955.26	86.07	186.20	11,708.03	-781.25	-295.73	789.26	18.45	17.39	-6.29
LL: 11955.26' MD, 86.07° Inc, 186.20° Azm									
11,970.00	88.64	185.31	11,708.71	-795.90	-297.21	803.94	18.45	17.44	-6.05
12,055.28	91.16	181.49	11,708.85	-881.00	-302.26	889.16	5.37	2.96	-4.48
FTP: 12055.28' MD, 91.16° Inc, 181.49° Azm									
12,064.00	91.42	181.10	11,708.66	-889.72	-302.46	897.87	5.37	2.96	-4.48
12,176.00	91.27	178.88	11,706.03	-1,001.68	-302.44	1,009.79	1.99	-0.13	-1.98
12,271.00	91.44	177.05	11,703.78	-1,096.59	-299.07	1,104.57	1.93	0.18	-1.93
12,366.00	91.44	175.97	11,701.39	-1,191.38	-293.29	1,199.16	1.14	0.00	-1.14
12,461.00	91.99	175.96	11,698.55	-1,286.10	-286.60	1,293.66	0.58	0.58	-0.01
12,555.00	92.19	176.72	11,695.12	-1,379.85	-280.61	1,387.20	0.84	0.21	0.81



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)
12,650.00	92.48	179.45	11,691.25	-1,474.71	-277.44	1,481.93	2.89	0.31	2.87
12,745.00	93.19	182.18	11,686.55	-1,569.57	-278.78	1,576.79	2.97	0.75	2.87
12,839.00	93.14	184.73	11,681.36	-1,663.25	-284.44	1,670.59	2.71	-0.05	2.71
12,934.00	93.01	185.34	11,676.27	-1,757.75	-292.77	1,765.29	0.66	-0.14	0.64
13,029.00	91.74	183.36	11,672.33	-1,852.39	-299.96	1,860.09	2.47	-1.34	-2.08
13,124.00	91.30	182.58	11,669.81	-1,947.22	-304.88	1,955.03	0.94	-0.46	-0.82
13,218.00	90.43	182.52	11,668.39	-2,041.12	-309.07	2,049.01	0.93	-0.93	-0.06
13,313.00	90.40	183.71	11,667.70	-2,135.97	-314.23	2,143.97	1.25	-0.03	1.25
13,408.00	90.23	184.53	11,667.18	-2,230.73	-321.05	2,238.88	0.88	-0.18	0.86
13,503.00	90.20	185.42	11,666.82	-2,325.37	-329.29	2,333.71	0.94	-0.03	0.94
13,597.00	89.65	185.51	11,666.95	-2,418.94	-338.24	2,427.50	0.59	-0.59	0.10
13,692.00	89.20	184.64	11,667.90	-2,513.56	-346.65	2,522.32	1.03	-0.47	-0.92
13,787.00	89.93	183.12	11,668.62	-2,608.34	-353.08	2,617.24	1.77	0.77	-1.60
13,882.00	89.58	181.15	11,669.03	-2,703.27	-356.61	2,712.23	2.11	-0.37	-2.07
13,977.00	89.32	179.61	11,669.94	-2,798.26	-357.24	2,807.20	1.64	-0.27	-1.62
14,072.00	89.68	179.15	11,670.77	-2,893.25	-356.22	2,902.12	0.61	0.38	-0.48
14,167.00	89.33	176.98	11,671.59	-2,988.18	-353.01	2,996.93	2.31	-0.37	-2.28
14,262.00	89.77	177.00	11,672.33	-3,083.05	-348.02	3,091.62	0.46	0.46	0.02
14,356.00	89.81	176.21	11,672.68	-3,176.88	-342.45	3,185.26	0.84	0.04	-0.84
14,451.00	89.36	175.14	11,673.37	-3,271.61	-335.29	3,279.75	1.22	-0.47	-1.13
14,546.00	89.33	174.76	11,674.45	-3,366.23	-326.93	3,374.10	0.40	-0.03	-0.40
14,641.00	89.73	174.95	11,675.23	-3,460.85	-318.41	3,468.43	0.47	0.42	0.20
14,736.00	89.09	176.14	11,676.42	-3,575.49	-309.48	3,582.78	1.17	-0.56	1.03
14,830.00	89.25	178.20	11,677.49	-3,649.39	-305.82	3,656.55	2.79	0.22	2.78
14,925.00	89.23	179.99	11,678.75	-3,744.36	-304.32	3,751.44	1.88	-0.02	1.88
15,020.00	88.98	185.31	11,680.23	-3,839.22	-308.71	3,846.38	5.61	-0.26	5.60
15,115.00	89.47	183.86	11,681.52	-3,933.90	-316.31	3,941.24	1.61	0.52	-1.53
15,209.00	89.71	186.51	11,682.19	-4,027.51	-324.80	4,035.05	2.83	0.26	2.82
15,304.00	89.66	185.27	11,682.71	-4,122.00	-334.55	4,129.78	1.31	-0.05	-1.31
15,399.00	89.72	182.47	11,683.23	-4,216.77	-340.96	4,224.70	2.95	0.06	-2.95
15,494.00	89.98	179.60	11,683.48	-4,311.75	-342.68	4,319.68	3.03	0.27	-3.02
15,589.00	89.33	177.00	11,684.05	-4,406.70	-339.86	4,414.51	2.82	-0.68	-2.74
15,684.00	89.49	178.53	11,685.03	-4,501.62	-336.15	4,509.29	1.62	0.17	1.61
15,778.00	89.77	179.10	11,685.63	-4,595.59	-334.21	4,603.18	0.68	0.30	0.61
15,873.00	89.65	176.77	11,686.12	-4,690.52	-330.79	4,697.97	2.46	-0.13	-2.45
15,968.00	90.02	178.17	11,686.39	-4,785.43	-326.59	4,792.72	1.52	0.39	1.47
16,062.00	89.80	177.17	11,686.54	-4,879.35	-322.77	4,886.50	1.09	-0.23	-1.06
16,157.00	89.65	175.25	11,686.99	-4,974.14	-316.49	4,981.07	2.03	-0.16	-2.02
16,252.00	89.97	178.68	11,687.31	-5,068.99	-311.46	5,075.74	3.63	0.34	3.61
16,347.00	90.35	176.66	11,687.04	-5,163.90	-307.60	5,170.51	2.16	0.40	-2.13
16,441.00	90.02	178.83	11,686.74	-5,257.82	-303.90	5,264.29	2.34	-0.35	2.31
16,536.00	89.83	179.82	11,686.86	-5,352.82	-302.78	5,359.22	1.06	-0.20	1.04
16,631.00	90.21	180.40	11,686.83	-5,447.82	-302.97	5,454.18	0.73	0.40	0.61
16,726.00	90.31	182.22	11,686.40	-5,542.79	-305.14	5,549.18	1.92	0.11	1.92



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)
16,821.00	91.22	183.41	11,685.13	-5,637.66	-309.80	5,644.14	1.58	0.96	1.25
16,915.00	90.56	181.67	11,683.67	-5,731.55	-313.97	5,738.12	1.98	-0.70	-1.85
17,010.00	90.53	181.12	11,682.77	-5,826.52	-316.28	5,833.11	0.58	-0.03	-0.58
17,105.00	90.82	181.56	11,681.65	-5,921.49	-318.50	5,928.10	0.55	0.31	0.46
17,200.00	90.37	182.12	11,680.66	-6,016.43	-321.55	6,023.10	0.76	-0.47	0.59
17,294.00	90.66	178.89	11,679.82	-6,110.41	-322.38	6,117.06	3.45	0.31	-3.44
17,389.00	90.85	179.10	11,678.56	-6,205.39	-320.72	6,211.96	0.30	0.20	0.22
17,484.00	90.77	178.91	11,677.22	-6,300.37	-319.07	6,306.85	0.22	-0.08	-0.20
17,579.00	90.71	179.75	11,675.99	-6,395.35	-317.95	6,401.76	0.89	-0.06	0.88
17,673.00	90.99	180.37	11,674.60	-6,489.34	-318.05	6,495.72	0.72	0.30	0.66
17,768.00	91.11	180.97	11,672.86	-6,584.32	-319.16	6,590.69	0.64	0.13	0.63
17,863.00	90.89	178.77	11,671.20	-6,679.30	-318.95	6,685.62	2.33	-0.23	-2.32
17,958.00	92.14	178.71	11,668.69	-6,774.24	-316.86	6,780.47	1.32	1.32	-0.06
18,053.00	90.60	177.81	11,666.42	-6,869.16	-313.98	6,875.28	1.88	-1.62	-0.95
18,147.00	92.05	181.16	11,664.24	-6,963.12	-313.13	6,969.17	3.88	1.54	3.56
18,242.00	91.25	180.61	11,661.51	-7,058.07	-314.60	7,064.12	1.02	-0.84	-0.58
18,337.00	91.03	179.34	11,659.62	-7,153.05	-314.56	7,159.06	1.36	-0.23	-1.34
18,432.00	90.46	180.95	11,658.38	-7,248.03	-314.80	7,254.02	1.80	-0.60	1.69
18,526.00	89.80	181.44	11,658.17	-7,342.01	-316.76	7,348.02	0.87	-0.70	0.52
18,621.00	91.25	182.55	11,657.30	-7,436.95	-320.06	7,443.01	1.92	1.53	1.17
18,716.00	88.97	180.54	11,657.12	-7,531.90	-322.62	7,538.00	3.20	-2.40	-2.12
18,811.00	89.67	181.02	11,658.24	-7,626.88	-323.92	7,632.98	0.89	0.74	0.51
18,906.00	88.12	178.41	11,660.08	-7,721.85	-323.45	7,727.90	3.19	-1.63	-2.75
19,000.00	89.24	177.57	11,662.24	-7,815.77	-320.15	7,821.68	1.49	1.19	-0.89
19,095.00	88.83	175.14	11,663.84	-7,910.56	-314.11	7,916.26	2.59	-0.43	-2.56
19,190.00	89.57	176.57	11,665.17	-8,005.30	-307.25	8,010.77	1.69	0.78	1.51
19,284.00	89.27	176.04	11,666.12	-8,099.09	-301.19	8,104.36	0.65	-0.32	-0.56
19,379.00	88.92	175.52	11,667.62	-8,193.82	-294.20	8,198.86	0.66	-0.37	-0.55
19,474.00	89.10	175.11	11,669.26	-8,288.49	-286.44	8,293.27	0.47	0.19	-0.43
19,569.00	88.83	175.04	11,670.98	-8,383.13	-278.29	8,387.64	0.29	-0.28	-0.07
19,663.00	89.01	176.22	11,672.75	-8,476.84	-271.12	8,481.11	1.27	0.19	1.26
19,758.00	89.26	179.93	11,674.18	-8,571.75	-267.93	8,575.90	3.91	0.26	3.91
19,853.00	89.78	184.55	11,674.98	-8,666.65	-271.65	8,670.86	4.89	0.55	4.86
19,948.00	90.80	188.27	11,674.50	-8,761.04	-282.25	8,765.51	4.06	1.07	3.92
20,043.00	90.38	185.87	11,673.52	-8,855.30	-293.94	8,860.07	2.56	-0.44	-2.53
20,138.00	90.71	187.22	11,672.62	-8,949.68	-304.77	8,954.71	1.46	0.35	1.42
20,233.00	90.97	184.61	11,671.22	-9,044.15	-314.56	9,049.42	2.76	0.27	-2.75
20,328.00	92.12	178.81	11,668.66	-9,139.04	-317.39	9,144.35	6.22	1.21	-6.11
20,422.00	93.03	176.51	11,664.44	-9,232.86	-313.56	9,238.02	2.63	0.97	-2.45
20,517.00	92.97	177.64	11,659.47	-9,327.60	-308.72	9,332.59	1.19	-0.06	1.19
20,612.00	92.43	178.19	11,654.99	-9,422.43	-305.27	9,427.29	0.81	-0.57	0.58
20,707.00	91.75	177.91	11,651.53	-9,517.31	-302.03	9,522.04	0.77	-0.72	-0.29
20,801.00	92.19	177.73	11,648.29	-9,611.19	-298.46	9,615.78	0.51	0.47	-0.19



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3476.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3476.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 171H	North Reference:	Grid
Wellbore:	OH / 69703	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	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)	
20,896.00	92.15	178.35	11,644.70	-9,706.06	-295.21	9,710.53	0.65	-0.04	0.65	
20,991.00	90.34	177.52	11,642.63	-9,800.98	-291.79	9,805.30	2.10	-1.91	-0.87	
21,086.00	86.62	176.86	11,645.15	-9,895.81	-287.14	9,899.97	3.98	-3.92	-0.69	
21,181.00	84.15	176.30	11,652.80	-9,990.33	-281.49	9,994.29	2.67	-2.60	-0.59	
21,276.00	85.60	177.06	11,661.28	-10,084.78	-276.01	10,088.56	1.72	1.53	0.80	
21,370.00	85.39	177.03	11,668.67	-10,178.37	-271.18	10,181.97	0.23	-0.22	-0.03	
21,465.00	85.51	177.67	11,676.20	-10,272.97	-266.80	10,276.41	0.68	0.13	0.67	
21,560.00	85.31	177.04	11,683.80	-10,367.56	-262.43	10,370.84	0.69	-0.21	-0.66	
21,654.00	86.21	176.73	11,690.75	-10,461.17	-257.34	10,464.26	1.01	0.96	-0.33	
21,749.00	86.14	177.24	11,697.09	-10,555.82	-252.35	10,558.74	0.54	-0.07	0.54	
21,844.00	86.42	178.45	11,703.26	-10,650.55	-248.79	10,653.34	1.30	0.29	1.27	
21,939.00	87.27	179.56	11,708.48	-10,745.39	-247.14	10,748.09	1.47	0.89	1.17	
22,033.00	88.63	181.46	11,711.85	-10,839.32	-247.98	10,842.01	2.48	1.45	2.02	
22,128.00	93.25	185.02	11,710.29	-10,934.12	-253.34	10,936.92	6.14	4.86	3.75	
22,223.00	95.57	187.39	11,702.98	-11,028.27	-263.58	11,031.32	3.49	2.44	2.49	
22,317.00	97.77	188.24	11,692.06	-11,120.76	-276.27	11,124.13	2.51	2.34	0.90	
22,377.00	97.80	188.20	11,683.94	-11,179.59	-284.77	11,183.18	0.08	0.05	-0.07	
Final Phoenix MWD Survey										
22,446.99	97.80	188.20	11,674.44	-11,248.23	-294.66	11,252.06	0.00	0.00	0.00	
LTP: 22446.99' MD, 97.80° Inc, 188.20° Azm										
22,510.00	97.80	188.20	11,665.89	-11,310.02	-303.56	11,314.08	0.00	0.00	0.00	
Projection to TD										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
827.99	827.93	-7.31	3.42	Tie In	
913.00	912.94	-7.80	3.08	First Phoenix MWD Survey	
11,955.26	11,708.03	-781.25	-295.73	LL: 11955.26' MD, 86.07° Inc, 186.20° Azm	
12,055.28	11,708.85	-881.00	-302.26	FTP: 12055.28' MD, 91.16° Inc, 181.49° Azm	
22,377.00	11,683.94	-11,179.59	-284.77	Final Phoenix MWD Survey	
22,446.99	11,674.44	-11,248.23	-294.66	LTP: 22446.99' MD, 97.80° Inc, 188.20° Azm	
22,510.00	11,665.89	-11,310.02	-303.56	Projection to TD	

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Well Name: JEFF SMITH MDP1 7-18 FEDERAL C	Well Location: T24S / R31E / SEC 6 / SWSW / 32.241258 / -103.8233755	County or Parish/State: EDDY / NM
Well Number: 171H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57273	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547258	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2699059

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 10/20/2022	Time Sundry Submitted: 10:14
Date Operation Actually Began: 06/25/2022	

Actual Procedure: RUPU 06/25/22, RIH & clean out to PBTD @ 22456', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 12063-22364' Total 1462 holes. Frac in 43 stages w/ 389910BBL Produced Water w/ 25625760# sand, RD Liberty 07/18/22. Well ready to produce 07/22/22. 09/12/22 RIH with 2-3/8" L80 tbg & gas lift set @ 11624', RD 09/13/22. Formation Tops for this completion are as follows: Rustler 520'M 520'V Salado 895'M 895'V Bell Canyon 4200'M 4200'V Cherry Canyon 5104'M 5104'V Brushy Canyon 6368'M 6367'V Bone Spring 8040'M 8039'V 1st Bone Spring 9024'M 9022'V 2nd Bone Spring 9717'M 9714'V 3rd Bone Spring 11017'M 10972'V Wolfcamp 11467'M 11415'V

Received by OCD: 2/27/2023 9:19:40 AM

Page 14 of 19

Well Name: JEFF SMITH MDP1 7-18 FEDERAL C	Well Location: T24S / R31E / SEC 6 / SWSW / 32.241258 / -103.8233755	County or Parish/State: EDDY / NM
Well Number: 171H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57273	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547258	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

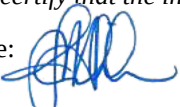
Operator Electronic Signature: JANA MENDIOLA	Signed on: OCT 20, 2022 10:13 PM
Name: OXY USA INCORPORATED	
Title: Regulatory Coordinator	
Street Address: PO BOX 50250	
City: Midland	State: TX
Phone: (432) 685-5936	
Email address: Janalyn_mendiola@oxy.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 11/09/2022
Signature: Jonathon Shepard	

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017													
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-015-47258											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN											
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							3. State Oil & Gas Lease No.											
8. Name of Operator: OXY USA INC.						9. OGRID: 16696												
10. Address of Operator: P.O. BOX 50250 MIDLAND, TX 79710						11. Pool name or Wildcat PURPLE SAGE WOLFCAMP												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	L7	6	24S	31E		779	SOUTH	705	WEST	EDDY								
BH:	L4	18	24S	31E		38	SOUTH	355	WEST	EDDY								
13. Date Spudded 04/18/22	14. Date T.D. Reached 06/05/2022	15. Date Rig Released 06/07/2022			16. Date Completed (Ready to Produce) 07/22/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3451' GL										
18. Total Measured Depth of Well 22510'M 11666'V			19. Plug Back Measured Depth 22456'M 11665'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 12063-22364' Wolfcamp																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
10.75" J55		45.5		845'		14.75"		900sx-surf circ										
7.625" HCL80		26.4		10490'		9.875"		2427sx-surf										
5.5" P110CY		20		22480'		6.75"		961sx-TOC@9490'										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET									
						2.375"	11624'											
26. Perforation record (interval, size, and number) 12063-22364' Total 1462 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>12063-22364'</td> <td>389910BBL Produced Water w/ 25625760# sand</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	12063-22364'	389910BBL Produced Water w/ 25625760# sand				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
12063-22364'	389910BBL Produced Water w/ 25625760# sand																	
28. PRODUCTION																		
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)												
07/27/2022		Gas Lift				Prod.												
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio											
08/13/2022	24 hrs.	128/128	Test Period	4518	8182	8488	1811											
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)												
	1696		4518	8182	8488													
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By											
31. List Attachments WBD																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:											
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude _____ Longitude _____ NAD83																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature: 			Name: <u>Jana Mendiola</u>			Title: <u>Sr. Regulatory Analyst</u>			Date: <u>10/23/2022</u>									
E-mail Address: <u>janalyn_mendiola@oxy.com</u>																		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 520'	T. Bell Canyon 4200'	T. Ojo Alamo	T. Penn A"
T. Salado 895'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5104'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6368'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8040'	T. Todilto	
T. Abo	T. 1 st Bone Springs 9024'	T. Entrada	
T. Wolfcamp 11467'	T. 2 nd Bone Springs 9717'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 11017'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

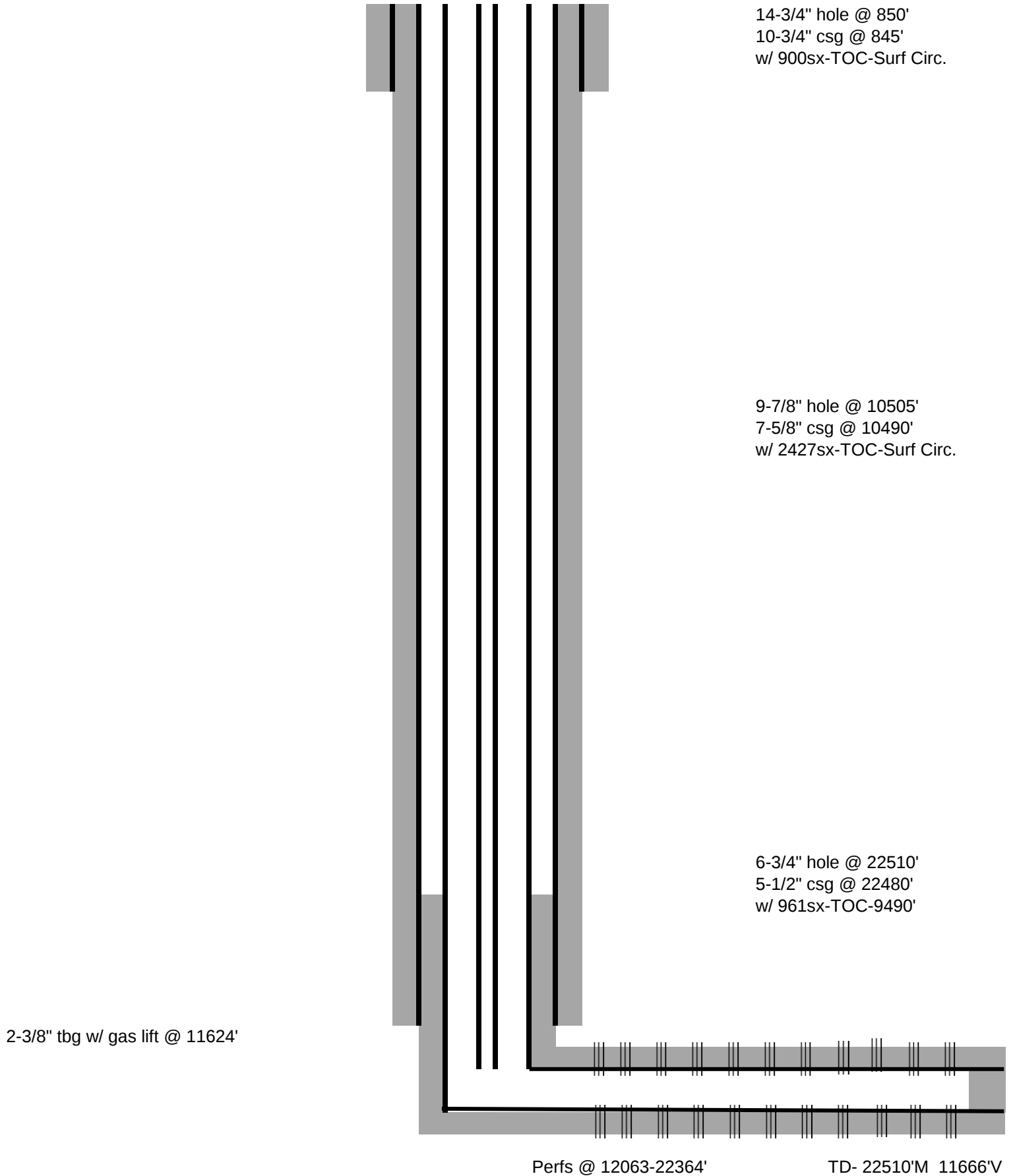
No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

OXY USA Inc.
JEFF SMITH MDP1 7-18 FEDERAL COM 171H
API No. 30-015-47258



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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 190798

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 190798
	Action Type: [C-104] Completion Packet (C-104C)

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.

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 190798

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 190798
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval	3/24/2023
smcgrath	Upload CBL to OCD Permitting/Well Logs	3/24/2023