

District I
1625 N. French Dr., Hobbs, NM 88240State of New Mexico
Energy, Minerals & Natural ResourcesForm 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 - 015-47249	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: 172H

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
M	6	24S	31E		779	SOUTH	740	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 148' FNL 1379' FWL LTP- 395' FSL 1405' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	24S	31E		60	SOUTH	1419	WEST	EDDY

¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 7/30/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 04/19/22	²² Ready Date 07/22/2022	²³ TD 22123'M 11555'V	²⁴ PBTD 22079'M 11555'V	²⁵ Perforations 11727-21788'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	835'	1160		
9-7/8"	7-5/8"	11015'	2325		
6-3/4"	5-1/2"	22103'	842		
	2-3/8" x 1-2/3" tbg	11310'	na		

V. Well Test Data

³¹ Date New Oil 7/30/22	³² Gas Delivery Date 7/30/22	³³ Test Date 8/17/22	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2142
³⁷ Choke Size 128/128	³⁸ Oil 3931	³⁹ Water 10392	⁴⁰ Gas 8084		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:

432-695-5936

OIL CONSERVATION DIVISION

Approved by: Sarah McGrath

Title: Petroleum Specialist - A

Approval Date: 03/22/2023

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
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT

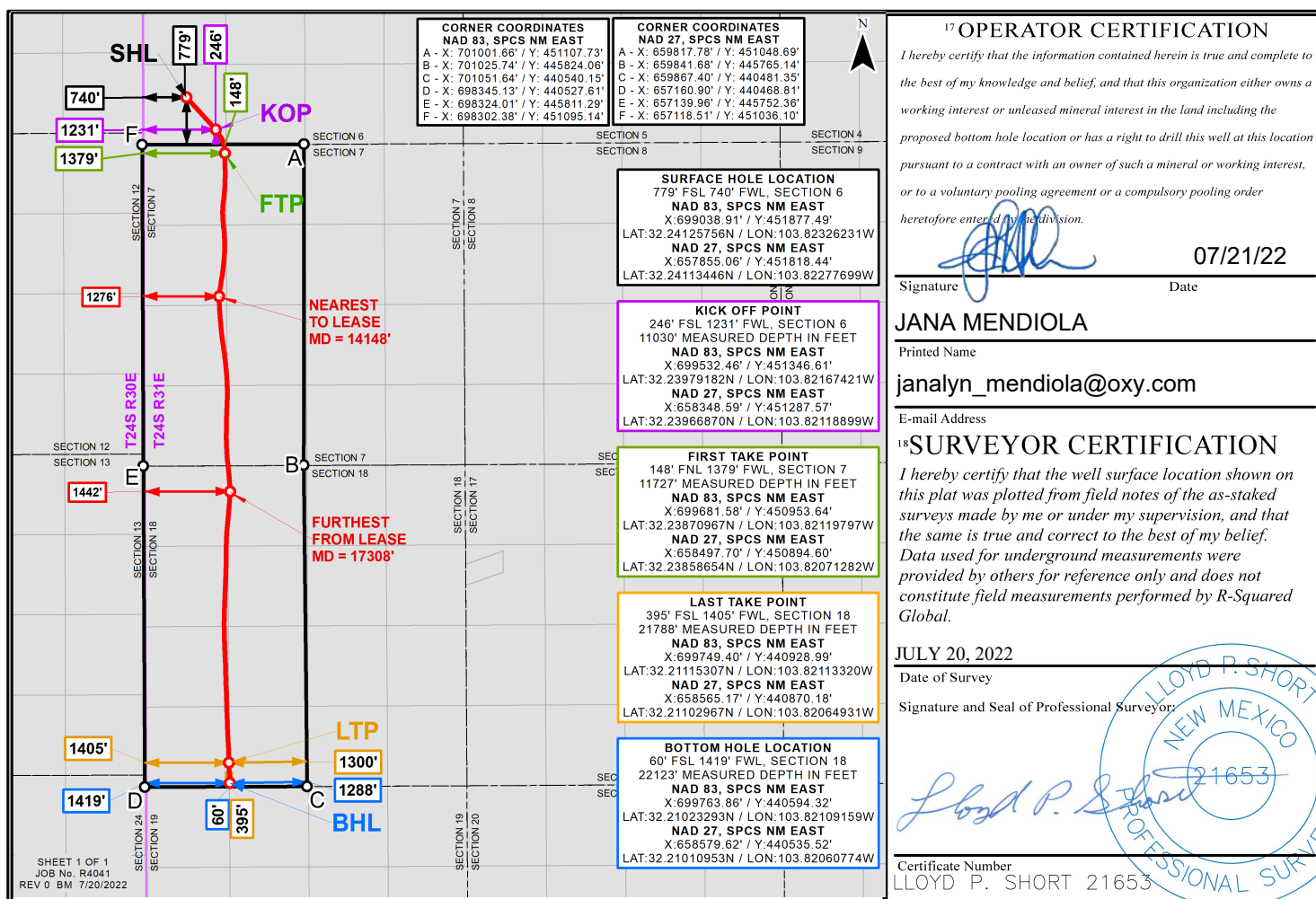
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-47249	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 328304	Property Name JEFF SMITH MDP1 7_18 FED COM	⁶ Well Number 172H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC	⁹ Elevation 3450'

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
M	6	24S	31E		779	SOUTH	740	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
N	18	24S	31E		60	SOUTH	1419	WEST	EDDY
¹² Dedicated Acres 655.04	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8343						

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.



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

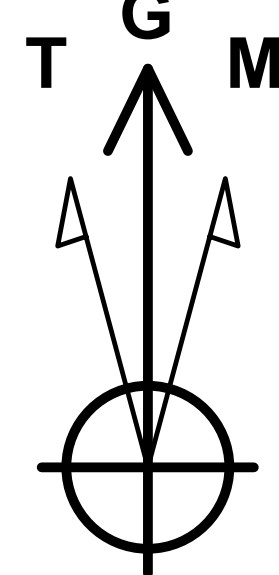
☐ Horizontal Spacing Unit



Project: Eddy County, NM (NAD83-NME)
Site: Jeff Smith MDP1 7_18
Well: Jeff Smith MDP1 7_18 FED COM 172H
Wellbore: OH / 69704
Design: Plan 3 06-06-22
Rig: H&P 479



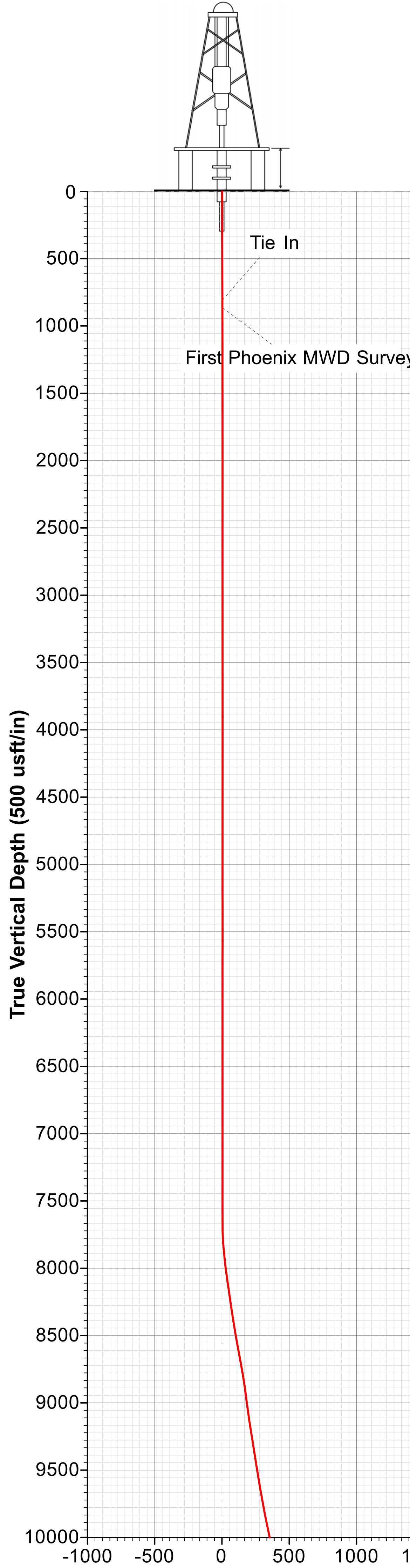
PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
True North: -0.27°
Magnetic North: 6.42°
Magnetic Field
Strength: 47638.3nT
Dip Angle: 59.91°
Date: 5/16/2022
Model: IFR

RKB @ 3475.00usft (H&P 479)

Ground Level: 3450.00



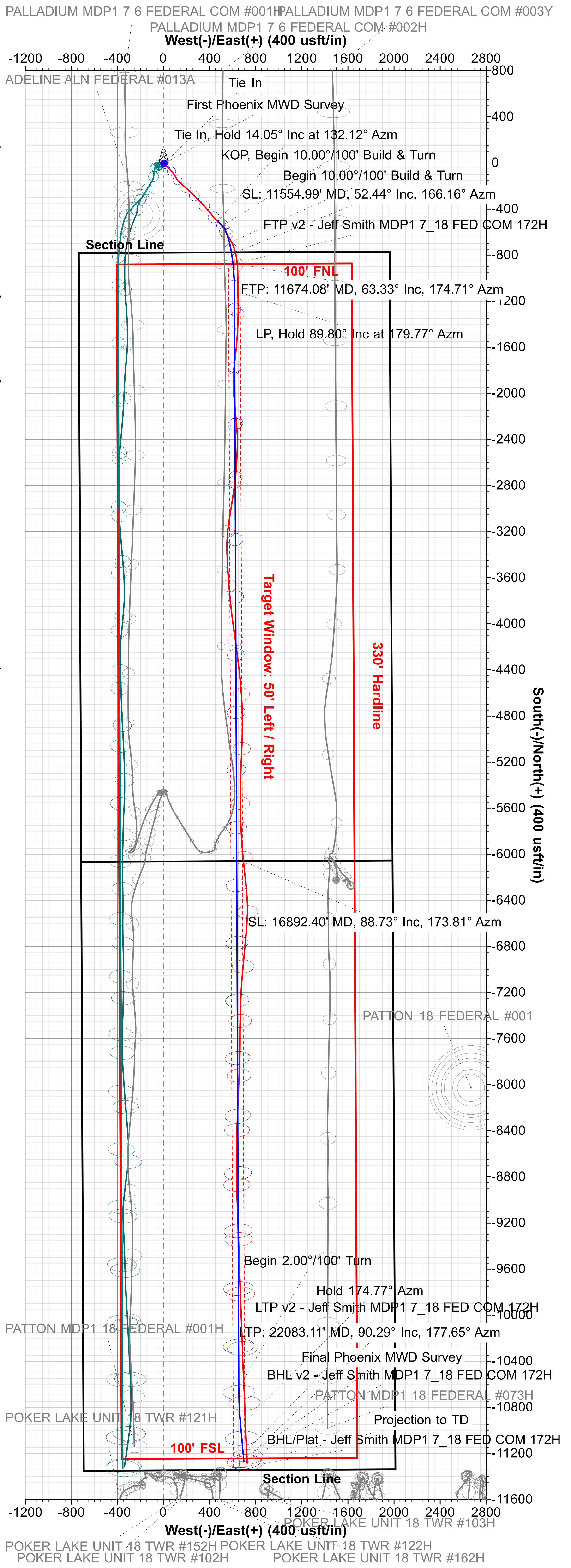
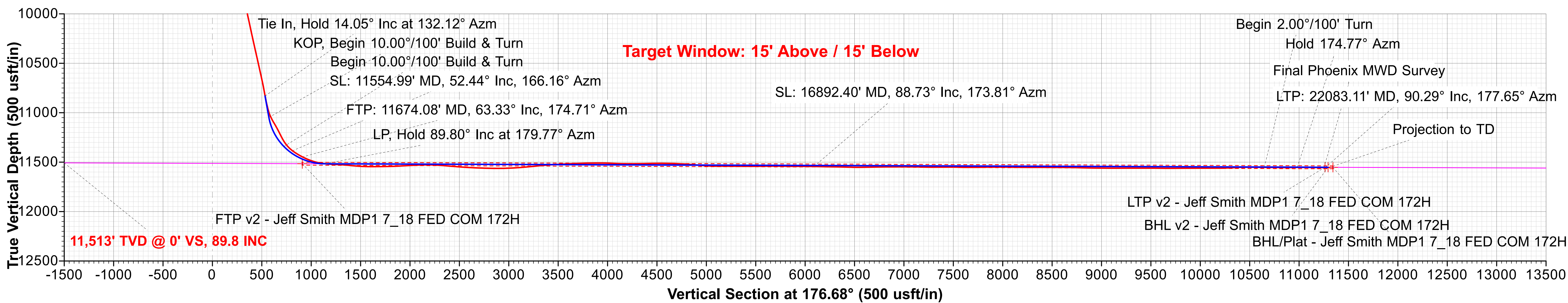
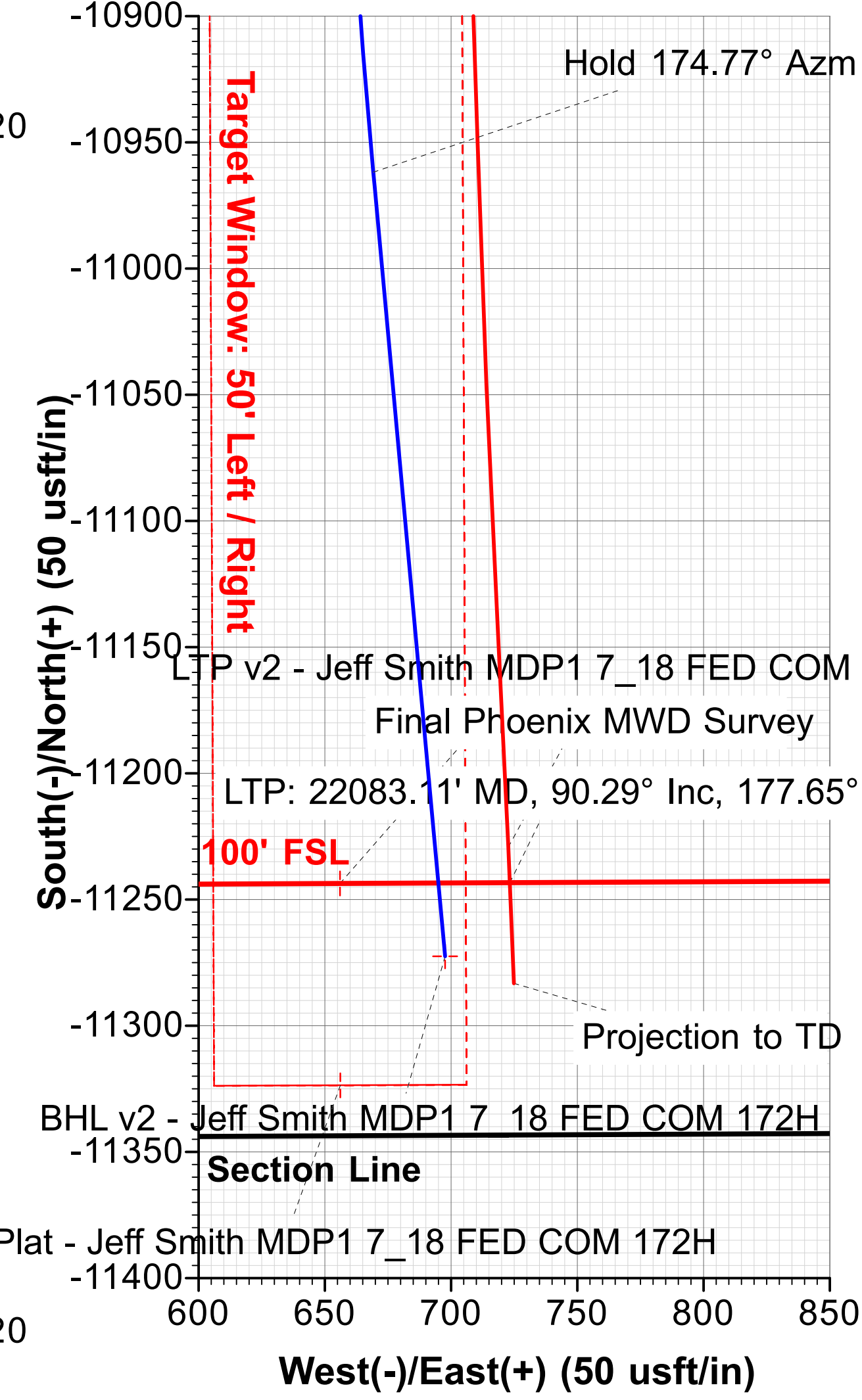
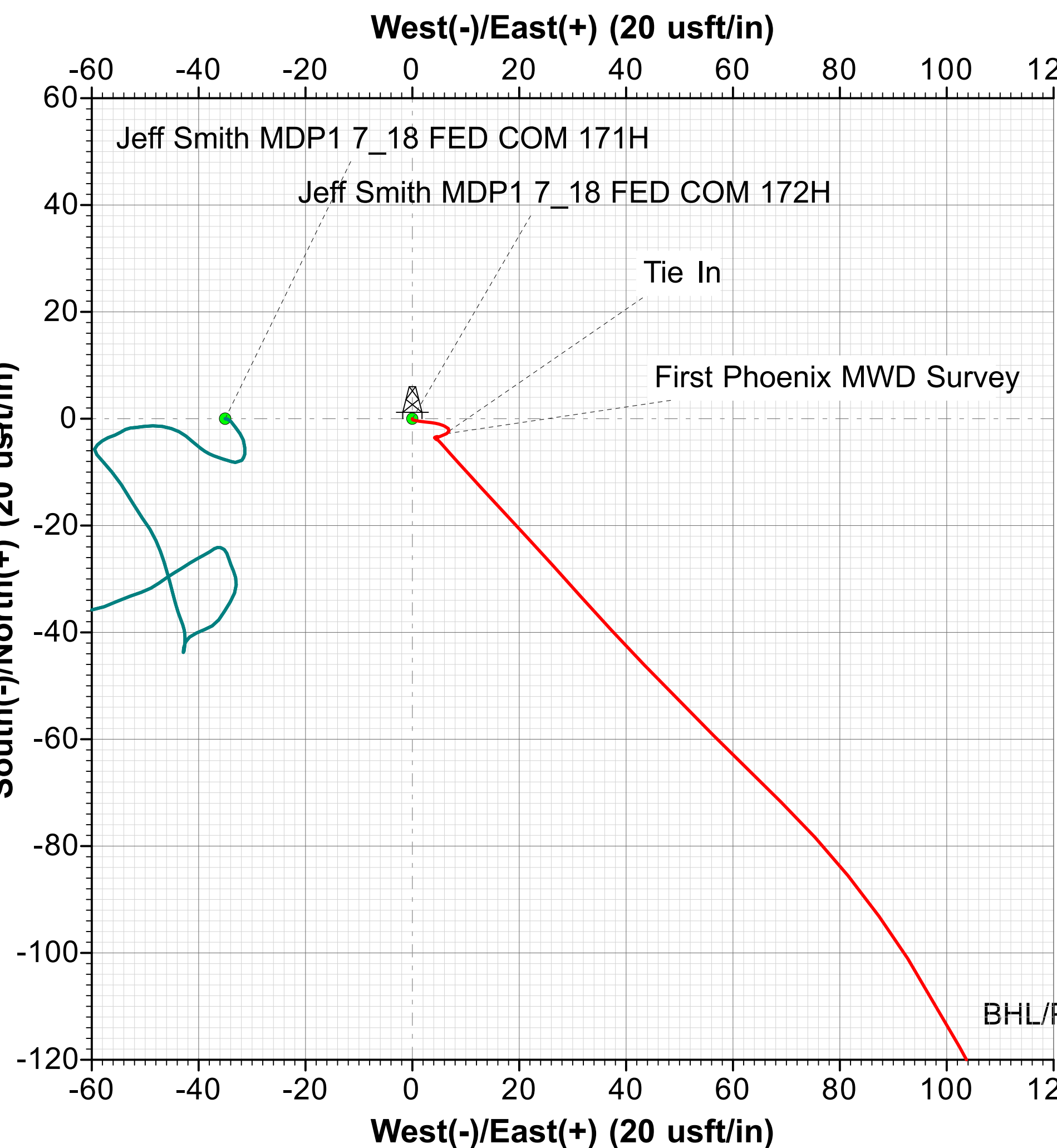
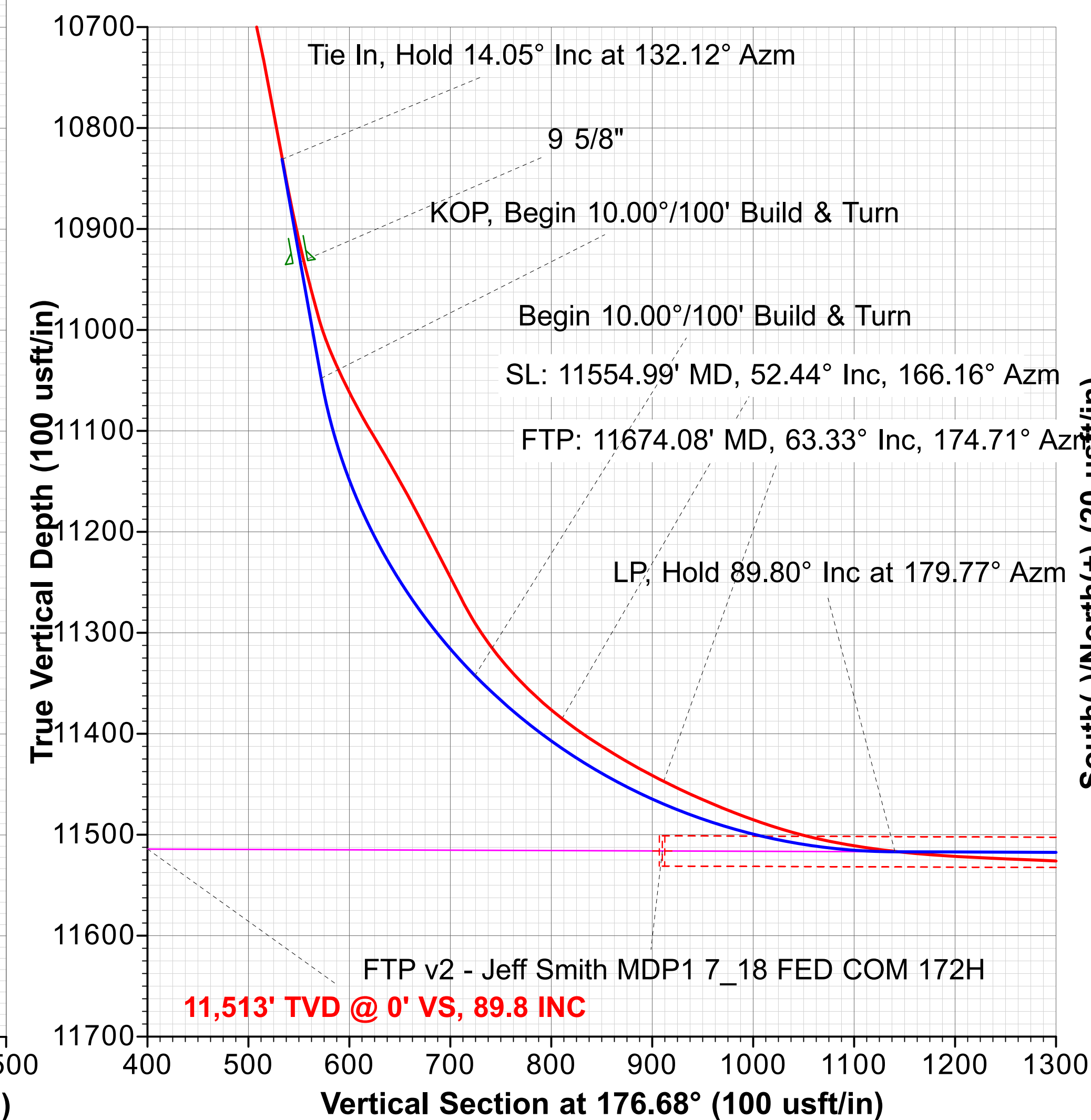
WELL DETAILS											
						Ground Level:	3450.00				
						+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
						0.00	0.00	451877.49	699038.91	32° 14' 28.527181 N	103° 49' 23.744330 W
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	10910.00	14.05	132.12	10831.04	-507.07	470.26	0.00	0.000	533.43		Tie In, Hold 14.05° Inc at 132.12° Azm
2	11133.64	14.05	132.12	11047.99	-543.49	510.53	0.00	0.000	572.11		KOP, Begin 10.00°/100' Build & Turn
3	11474.34	45.00	166.07	11342.43	-692.56	572.02	10.00	44.827	724.49		Begin 10.00°/100' Build & Turn
4	11938.47	89.80	179.77	11516.98	-1106.79	614.81	10.00	19.078	1140.50		LP, Hold 89.80° Inc at 179.77° Azm
5	21460.91	89.80	179.77	11550.17	-10629.09	653.36	0.00	0.000	10649.09		Begin 2.00°/100' Turn
6	21794.12	89.80	174.77	11551.34	-10961.82	669.23	1.50	-90.011	10982.18		Hold 174.77° Azm
7	22106.08	89.80	174.77	11552.42	-11272.48	697.67	0.00	0.000	11293.96	BHL v2 - Jeff Smith MDP1 7_18 FED COM 172H	

FORMATION TOP DETAILS	
No formation data is available	

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 172H, Grid North
Latitude: 32° 14' 28.527181 N
Longitude: 103° 49' 23.744330 W
Grid East: 699038.91
Grid North: 451877.49
Scale Factor: 1.000
Geomagnetic Model: IFR
Sample Date: 16-May-22
Magnetic Declination: 6.694°
Dip Angle from Horizontal: 59.906°
Magnetic Field Strength: 47638.3000000nT
To convert a Magnetic Direction to a Grid Direction, Add 6.422°
To convert a Magnetic Direction to a True Direction, Add 6.694° 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) \
- Jeff Smith MDP1 7_18 FED COM 171H, OH / 69703, Plan 2 05-23-22 V0
- PALLADIUM MDP1 7 6 FEDERAL COM #001H, OH, Surveys V0
- PALLADIUM MDP1 7 6 FEDERAL COM #003Y, OH, Surveys V0
- POKER LAKE UNIT 18 TWR #105H, OH, Surveys V0
- POKER LAKE UNIT 18 TWR #126H, OH, Surveys V0
- POKER LAKE UNIT CVX JV BS #035H, OH, Surveys (Latshaw 18) V0
- Jeff Smith MDP1 7_18 FED COM 172H, OH / 69704, Surveys (H&P 479) \
- ADELIN ALN FEDERAL #013A, OH, Surveys V0
- POKER LAKE UNIT 18 TWR #121H, OH, Surveys (Orion Polaris 14) 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 #104H, OH, Surveys V0
- PATTON 18 FEDERAL #001, 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 3 06-06-22



Date: 8:44, June 21 2022



OXY USA INC.

Eddy County, NM (NAD83-NME)

Jeff Smith MDP1 7_18

Jeff Smith MDP1 7_18 FED COM 172H

OH / 69704

Design: Surveys (H&P 479)

Standard Survey Report

21 June, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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 172H		
Well Position	+N/-S	0.00 usft	Northing: 451,877.49 usft
	+E/-W	0.00 usft	Easting: 699,038.91 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 14' 28.527181 N
		Longitude:	103° 49' 23.744330 W
		Ground Level:	3,450.00 usft

Wellbore	OH / 69704				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	5/16/2022	6.694	59.906	47,638.30000000

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	176.68	

Survey Program	Date	6/21/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	808.41	Gyrodata Gyro Surveys (OH / 69704)	GYD_G003_GC+DROP+I	Gyrodata Stationary Tool drop on BHA on open h	
864.00	10,910.00	Phoenix MWD Surveys - SQC R6 1 (OH /	SQC_C705a_MWD+IFR1	OWSG MWD + IFR1 + Sag + FDIR Correction	
11,072.00	11,301.00	Phoenix MWD Surveys - SQC R6 2 (OH /	A009Mb_MWD+IFR1+SA	OWSG MWD + IFR1 + Sag Correction	
11,395.00	22,123.00	Phoenix MWD Surveys - SQC R6 3 (OH /	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	
97.78	0.12	186.06	97.78	-0.08	-0.01	0.08	0.16	0.16	0.00	
185.06	0.23	109.77	185.06	-0.23	0.15	0.23	0.27	0.13	-87.41	
274.04	0.92	100.34	274.03	-0.41	1.02	0.47	0.78	0.78	-10.60	
368.27	1.01	94.99	368.25	-0.62	2.59	0.77	0.14	0.10	-5.68	
462.40	0.86	98.80	462.37	-0.80	4.11	1.04	0.17	-0.16	4.05	
556.71	0.56	110.19	556.67	-1.07	5.25	1.37	0.35	-0.32	12.08	



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
651.08	0.55	112.94	651.04	-1.41	6.10	1.76	0.03	-0.01	2.91
745.48	0.43	138.87	745.43	-1.85	6.75	2.24	0.26	-0.13	27.47
808.41	0.56	186.76	808.36	-2.33	6.87	2.73	0.67	0.21	76.10
Tie In									
864.00	0.94	246.03	863.95	-2.79	6.42	3.15	1.46	0.68	106.62
First Phoenix MWD Survey									
958.00	0.73	247.18	957.94	-3.33	5.16	3.63	0.22	-0.22	1.22
1,053.00	0.09	286.92	1,052.93	-3.55	4.53	3.80	0.70	-0.67	41.83
1,148.00	0.07	8.39	1,147.93	-3.47	4.47	3.72	0.11	-0.02	85.76
1,242.00	0.09	288.28	1,241.93	-3.39	4.41	3.64	0.11	0.02	-85.22
1,337.00	0.07	182.98	1,336.93	-3.42	4.33	3.67	0.13	-0.02	-110.84
1,431.00	0.05	163.02	1,430.93	-3.52	4.34	3.76	0.03	-0.02	-21.23
1,526.00	0.05	73.13	1,525.93	-3.55	4.39	3.79	0.07	0.00	-94.62
1,621.00	0.06	106.21	1,620.93	-3.55	4.48	3.80	0.03	0.01	34.82
1,715.00	0.05	36.66	1,714.93	-3.53	4.55	3.79	0.07	-0.01	-73.99
1,810.00	0.08	92.50	1,809.93	-3.50	4.64	3.76	0.07	0.03	58.78
1,905.00	0.02	296.51	1,904.93	-3.49	4.69	3.76	0.10	-0.06	-164.20
1,999.00	0.06	15.57	1,998.93	-3.44	4.69	3.70	0.06	0.04	84.11
2,094.00	0.06	340.94	2,093.93	-3.34	4.69	3.61	0.04	0.00	-36.45
2,189.00	0.05	209.97	2,188.93	-3.33	4.65	3.60	0.11	-0.01	-137.86
2,284.00	0.04	184.13	2,283.93	-3.40	4.63	3.66	0.02	-0.01	-27.20
2,378.00	0.07	237.44	2,377.93	-3.47	4.58	3.72	0.06	0.03	56.71
2,473.00	0.03	167.06	2,472.93	-3.52	4.54	3.78	0.07	-0.04	-74.08
2,597.00	0.05	351.99	2,596.93	-3.50	4.54	3.76	0.06	0.02	-141.19
2,662.00	0.05	291.81	2,661.93	-3.46	4.51	3.72	0.08	0.00	-92.58
2,757.00	0.05	138.87	2,756.93	-3.48	4.49	3.73	0.10	0.00	-160.99
2,852.00	0.05	14.53	2,851.93	-3.47	4.53	3.72	0.09	0.00	-130.88
2,947.00	0.05	28.92	2,946.93	-3.39	4.56	3.65	0.01	0.00	15.15
3,042.00	0.06	190.07	3,041.93	-3.40	4.57	3.66	0.11	0.01	169.63
3,136.00	0.07	132.72	3,135.93	-3.49	4.61	3.75	0.07	0.01	-61.01
3,231.00	0.08	230.10	3,230.93	-3.57	4.60	3.83	0.12	0.01	102.51
3,326.00	0.10	204.37	3,325.93	-3.69	4.51	3.95	0.05	0.02	-27.08
3,420.00	0.06	192.27	3,419.93	-3.81	4.47	4.07	0.05	-0.04	-12.87
3,515.00	0.05	59.37	3,514.93	-3.84	4.50	4.09	0.11	-0.01	-139.89
3,610.00	0.05	278.31	3,609.93	-3.81	4.49	4.07	0.10	0.00	-148.48
3,704.00	0.06	58.12	3,703.93	-3.78	4.49	4.04	0.11	0.01	148.73
3,799.00	0.06	87.35	3,798.93	-3.75	4.58	4.01	0.03	0.00	30.77
3,894.00	0.01	46.66	3,893.93	-3.75	4.64	4.01	0.06	-0.05	-42.83
3,989.00	0.06	35.72	3,988.93	-3.70	4.67	3.96	0.05	0.05	-11.52
4,083.00	0.02	148.59	4,082.93	-3.67	4.71	3.94	0.07	-0.04	120.07
4,178.00	0.11	242.35	4,177.93	-3.73	4.64	3.99	0.12	0.09	98.69
4,273.00	0.06	204.88	4,272.93	-3.82	4.54	4.07	0.08	-0.05	-39.44
4,367.00	0.06	90.19	4,366.93	-3.86	4.57	4.12	0.11	0.00	-122.01
4,462.00	0.02	50.18	4,461.93	-3.85	4.63	4.11	0.05	-0.04	-42.12



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
4,557.00	0.06	176.16	4,556.93	-3.89	4.64	4.15	0.08	0.04	132.61
4,651.00	0.08	25.74	4,650.93	-3.88	4.68	4.14	0.14	0.02	-160.02
4,746.00	0.02	41.56	4,745.93	-3.81	4.72	4.08	0.06	-0.06	16.65
4,841.00	0.08	258.70	4,840.93	-3.81	4.66	4.07	0.10	0.06	-150.38
4,936.00	0.05	208.00	4,935.93	-3.86	4.58	4.12	0.07	-0.03	-53.37
5,030.00	0.03	347.75	5,029.93	-3.87	4.55	4.13	0.08	-0.02	148.67
5,125.00	0.05	344.67	5,124.93	-3.81	4.54	4.06	0.02	0.02	-3.24
5,220.00	0.05	306.30	5,219.93	-3.74	4.49	4.00	0.03	0.00	-40.39
5,315.00	0.06	224.04	5,314.93	-3.75	4.42	4.00	0.08	0.01	-86.59
5,409.00	0.03	138.19	5,408.93	-3.81	4.41	4.06	0.07	-0.03	-91.33
5,504.00	0.05	300.05	5,503.93	-3.80	4.39	4.05	0.08	0.02	170.38
5,599.00	0.03	70.66	5,598.93	-3.78	4.37	4.02	0.08	-0.02	137.48
5,694.00	0.04	20.09	5,693.93	-3.74	4.41	3.99	0.03	0.01	-53.23
5,788.00	0.03	247.52	5,787.93	-3.72	4.40	3.96	0.07	-0.01	-141.03
5,883.00	0.02	308.39	5,882.93	-3.71	4.36	3.96	0.03	-0.01	64.07
5,978.00	0.05	41.69	5,977.93	-3.67	4.38	3.92	0.06	0.03	98.21
6,072.00	0.08	300.50	6,071.93	-3.61	4.35	3.85	0.11	0.03	-107.65
6,167.00	0.04	348.91	6,166.93	-3.54	4.28	3.78	0.06	-0.04	50.96
6,262.00	0.03	15.55	6,261.93	-3.49	4.28	3.73	0.02	-0.01	28.04
6,357.00	0.02	96.74	6,356.93	-3.46	4.31	3.71	0.04	-0.01	85.46
6,451.00	0.07	194.05	6,450.93	-3.52	4.31	3.77	0.08	0.05	103.52
6,546.00	0.04	357.95	6,545.93	-3.55	4.29	3.79	0.11	-0.03	172.53
6,641.00	0.04	283.73	6,640.93	-3.50	4.26	3.74	0.05	0.00	-78.13
6,736.00	0.08	201.08	6,735.93	-3.56	4.20	3.80	0.09	0.04	-87.00
6,831.00	0.07	81.47	6,830.93	-3.61	4.24	3.85	0.14	-0.01	-125.91
6,926.00	0.08	330.35	6,925.93	-3.55	4.26	3.79	0.13	0.01	-116.97
7,020.00	0.00	46.30	7,019.93	-3.49	4.23	3.73	0.09	-0.09	0.00
7,115.00	0.04	213.49	7,114.93	-3.52	4.21	3.75	0.04	0.04	0.00
7,209.00	0.02	277.53	7,208.93	-3.54	4.18	3.78	0.04	-0.02	68.13
7,304.00	0.03	49.22	7,303.93	-3.52	4.18	3.76	0.05	0.01	138.62
7,399.00	0.03	111.78	7,398.93	-3.52	4.22	3.75	0.03	0.00	65.85
7,493.00	0.06	242.66	7,492.93	-3.55	4.20	3.78	0.09	0.03	139.23
7,588.00	0.05	67.22	7,587.93	-3.55	4.20	3.79	0.12	-0.01	-184.67
7,683.00	0.48	126.72	7,682.93	-3.78	4.55	4.03	0.48	0.45	62.63
7,778.00	3.86	138.44	7,777.85	-6.41	6.99	6.80	3.57	3.56	12.34
7,872.00	6.78	137.39	7,871.43	-12.86	12.85	13.58	3.11	3.11	-1.12
7,967.00	8.50	137.20	7,965.59	-22.14	21.42	23.34	1.81	1.81	-0.20
8,062.00	9.85	138.26	8,059.37	-33.35	31.60	35.13	1.43	1.42	1.12
8,157.00	11.30	136.13	8,152.75	-46.13	43.46	48.57	1.58	1.53	-2.24
8,252.00	10.89	134.95	8,245.98	-59.18	56.26	62.33	0.49	-0.43	-1.24
8,346.00	11.04	134.28	8,338.26	-71.74	68.99	75.61	0.21	0.16	-0.71
8,441.00	11.66	140.97	8,431.41	-85.54	81.55	90.12	1.53	0.65	7.04
8,536.00	11.59	147.60	8,524.46	-101.06	92.71	106.25	1.41	-0.07	6.98



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
8,631.00	11.64	151.53	8,617.52	-117.54	102.39	123.27	0.83	0.05	4.14
8,725.00	11.61	151.91	8,709.59	-134.22	111.36	140.44	0.09	-0.03	0.40
8,820.00	11.01	144.34	8,802.75	-150.03	121.15	156.78	1.68	-0.63	-7.97
8,914.00	10.67	131.87	8,895.09	-163.13	132.87	170.54	2.52	-0.36	-13.27
9,009.00	11.19	129.03	8,988.36	-174.81	146.58	182.99	0.79	0.55	-2.99
9,104.00	11.46	130.02	9,081.51	-186.68	160.96	195.68	0.35	0.28	1.04
9,198.00	12.48	132.71	9,173.47	-199.57	175.58	209.40	1.24	1.09	2.86
9,293.00	12.48	132.08	9,266.23	-213.42	190.74	224.09	0.14	0.00	-0.66
9,388.00	12.49	131.35	9,358.98	-227.08	206.07	238.62	0.17	0.01	-0.77
9,483.00	12.72	131.61	9,451.69	-240.81	221.60	253.23	0.25	0.24	0.27
9,577.00	12.68	133.74	9,543.39	-254.82	236.79	268.09	0.50	-0.04	2.27
9,672.00	13.02	134.76	9,636.01	-269.56	251.93	283.68	0.43	0.36	1.07
9,767.00	13.96	135.83	9,728.39	-285.32	267.51	300.31	1.02	0.99	1.13
9,861.00	14.08	134.62	9,819.59	-301.48	283.55	317.38	0.34	0.13	-1.29
9,956.00	15.66	135.16	9,911.40	-318.69	300.82	335.56	1.67	1.66	0.57
10,051.00	15.80	136.13	10,002.85	-337.11	318.82	354.98	0.31	0.15	1.02
10,146.00	15.50	137.22	10,094.33	-355.75	336.40	374.61	0.44	-0.32	1.15
10,241.00	15.64	137.87	10,185.84	-374.56	353.62	394.39	0.24	0.15	0.68
10,335.00	15.97	137.25	10,276.29	-393.45	370.89	414.25	0.39	0.35	-0.66
10,430.00	15.91	139.05	10,367.63	-412.88	388.30	434.66	0.52	-0.06	1.89
10,525.00	15.53	140.97	10,459.08	-432.60	404.84	455.29	0.68	-0.40	2.02
10,620.00	14.99	143.06	10,550.73	-452.30	420.23	475.85	0.81	-0.57	2.20
10,715.00	15.25	140.37	10,642.44	-471.74	435.59	496.15	0.79	0.27	-2.83
10,808.00	14.94	135.43	10,732.24	-489.70	451.80	515.02	1.42	-0.33	-5.31
10,910.00	14.06	132.14	10,830.99	-507.38	470.22	533.73	1.18	-0.86	-3.23
11,072.00	19.43	139.00	10,986.08	-540.95	502.51	569.11	3.53	3.31	4.23
11,111.00	25.98	146.79	11,022.05	-553.01	511.46	581.67	18.45	16.79	19.97
11,206.00	33.90	150.87	11,104.31	-593.63	535.79	623.63	8.60	8.34	4.29
11,301.00	30.57	149.56	11,184.66	-637.61	560.94	668.99	3.58	-3.51	-1.38
11,395.00	29.83	148.37	11,265.90	-678.13	585.31	710.85	1.01	-0.79	-1.27
11,490.00	44.03	160.25	11,341.74	-729.64	609.01	763.65	16.67	14.95	12.51
11,554.99	52.44	166.16	11,385.01	-776.02	622.83	810.75	14.59	12.93	9.09
SL: 11554.99' MD, 52.44° Inc, 166.16° Azm									
11,584.00	56.27	168.37	11,401.92	-799.01	628.02	834.00	14.59	13.22	7.62
11,674.08	63.33	174.71	11,447.24	-875.93	639.30	911.44	9.91	7.83	7.04
FTP: 11674.08' MD, 63.33° Inc, 174.71° Azm									
11,679.00	63.72	175.03	11,449.43	-880.31	639.70	915.84	9.91	8.00	6.54
11,774.00	70.49	179.07	11,486.38	-967.64	644.12	1,003.28	8.13	7.13	4.25
11,868.00	80.38	179.50	11,509.99	-1,058.50	645.24	1,094.06	10.53	10.52	0.46
11,963.00	86.55	178.64	11,520.80	-1,152.83	646.78	1,188.31	6.56	6.49	-0.91
12,058.00	88.01	180.20	11,525.31	-1,247.71	647.74	1,283.09	2.25	1.54	1.64
12,124.00	84.09	180.29	11,529.85	-1,313.54	647.46	1,348.79	5.94	-5.94	0.14
12,219.00	85.49	182.51	11,538.48	-1,408.11	645.15	1,443.07	2.75	1.47	2.34
12,314.00	87.80	184.25	11,544.04	-1,502.77	639.55	1,537.25	3.04	2.43	1.83



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
12,408.00	90.22	185.02	11,545.66	-1,596.44	631.96	1,630.33	2.70	2.57	0.82
12,503.00	90.74	187.88	11,544.87	-1,690.83	621.29	1,723.94	3.06	0.55	3.01
12,597.00	92.05	184.75	11,542.58	-1,784.22	610.95	1,816.57	3.61	1.39	-3.33
12,692.00	92.61	180.65	11,538.72	-1,879.01	606.48	1,910.95	4.35	0.59	-4.32
12,787.00	93.59	176.88	11,533.58	-1,973.83	608.52	2,005.73	4.09	1.03	-3.97
12,882.00	91.65	175.51	11,529.23	-2,068.52	614.82	2,100.62	2.50	-2.04	-1.44
12,977.00	89.64	174.40	11,528.16	-2,163.14	623.18	2,195.56	2.42	-2.12	-1.17
13,071.00	86.28	174.42	11,531.51	-2,256.62	632.32	2,289.42	3.57	-3.57	0.02
13,166.00	84.95	177.10	11,538.77	-2,351.07	639.33	2,384.11	3.14	-1.40	2.82
13,261.00	85.25	180.98	11,546.89	-2,445.69	640.91	2,478.67	4.08	0.32	4.08
13,355.00	86.90	182.64	11,553.33	-2,539.41	637.95	2,572.07	2.49	1.76	1.77
13,450.00	87.45	184.52	11,558.01	-2,634.11	632.03	2,666.26	2.06	0.58	1.98
13,545.00	88.20	185.82	11,561.62	-2,728.65	623.47	2,760.15	1.58	0.79	1.37
13,640.00	89.11	187.20	11,563.85	-2,823.01	612.70	2,853.73	1.74	0.96	1.45
13,735.00	91.54	189.30	11,563.31	-2,917.01	599.07	2,946.78	3.38	2.56	2.21
13,830.00	92.98	189.34	11,559.56	-3,010.68	583.70	3,039.41	1.52	1.52	0.04
13,924.00	94.20	189.28	11,553.67	-3,103.26	568.52	3,130.95	1.30	1.30	-0.06
14,019.00	96.02	185.64	11,545.21	-3,197.06	556.24	3,223.89	4.27	1.92	-3.83
14,114.00	95.64	181.11	11,535.56	-3,291.38	550.68	3,317.73	4.76	-0.40	-4.77
14,209.00	93.88	178.46	11,527.67	-3,386.04	551.03	3,412.25	3.34	-1.85	-2.79
14,304.00	93.21	177.18	11,521.80	-3,480.79	554.64	3,507.04	1.52	-0.71	-1.35
14,398.00	92.45	175.74	11,517.16	-3,574.49	560.44	3,600.93	1.73	-0.81	-1.53
14,493.00	91.93	175.19	11,513.53	-3,669.12	567.95	3,695.83	0.80	-0.55	-0.58
14,588.00	91.13	174.65	11,510.99	-3,763.72	576.35	3,790.75	1.02	-0.84	-0.57
14,683.00	90.46	174.20	11,509.67	-3,858.26	585.58	3,885.67	0.85	-0.71	-0.47
14,778.00	88.69	172.46	11,510.38	-3,952.60	596.62	3,980.50	2.61	-1.86	-1.83
14,872.00	87.39	171.44	11,513.59	-4,045.62	609.77	4,074.12	1.76	-1.38	-1.09
14,967.00	89.24	172.33	11,516.38	-4,139.62	623.17	4,168.74	2.16	1.95	0.94
15,062.00	90.40	172.88	11,516.68	-4,233.83	635.40	4,263.50	1.35	1.22	0.58
15,157.00	91.08	172.73	11,515.46	-4,328.07	647.30	4,358.27	0.73	0.72	-0.16
15,252.00	91.56	173.82	11,513.27	-4,422.39	658.42	4,453.08	1.25	0.51	1.15
15,347.00	89.48	174.86	11,512.40	-4,516.92	667.79	4,547.99	2.45	-2.19	1.09
15,441.00	88.92	176.06	11,513.72	-4,610.61	675.23	4,641.95	1.41	-0.60	1.28
15,536.00	87.08	177.65	11,517.03	-4,705.41	680.44	4,736.89	2.56	-1.94	1.67
15,631.00	85.85	178.85	11,522.89	-4,800.18	683.33	4,831.67	1.81	-1.29	1.26
15,726.00	84.17	180.46	11,531.15	-4,894.81	683.90	4,926.18	2.44	-1.77	1.69
15,820.00	86.83	181.77	11,538.53	-4,988.49	682.08	5,019.59	3.15	2.83	1.39
15,915.00	90.43	182.64	11,540.80	-5,083.38	678.43	5,114.11	3.90	3.79	0.92
16,010.00	89.32	182.31	11,541.01	-5,178.29	674.32	5,208.62	1.22	-1.17	-0.35
16,104.00	89.88	181.71	11,541.66	-5,272.23	671.03	5,302.21	0.87	0.60	-0.64
16,199.00	89.57	180.75	11,542.12	-5,367.20	668.99	5,396.91	1.06	-0.33	-1.01
16,294.00	90.04	180.30	11,542.44	-5,462.20	668.12	5,491.70	0.68	0.49	-0.47
16,389.00	91.50	180.50	11,541.17	-5,557.18	667.45	5,586.49	1.55	1.54	0.21



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
16,484.00	89.83	178.85	11,540.06	-5,652.17	667.99	5,681.35	2.47	-1.76	-1.74
16,578.00	89.28	177.60	11,540.79	-5,746.12	670.90	5,775.31	1.45	-0.59	-1.33
16,673.00	88.31	176.86	11,542.79	-5,840.98	675.49	5,870.28	1.28	-1.02	-0.78
16,768.00	91.09	175.46	11,543.29	-5,935.76	681.86	5,965.26	3.28	2.93	-1.47
16,863.00	88.72	173.79	11,543.45	-6,030.33	690.75	6,060.19	3.05	-2.49	-1.76
16,892.40	88.73	173.81	11,544.10	-6,059.55	693.93	6,089.55	0.07	0.02	0.06
SL: 16892.40' MD, 88.73° Inc, 173.81° Azm									
16,958.00	88.74	173.85	11,545.55	-6,124.76	700.98	6,155.05	0.07	0.02	0.06
17,052.00	88.95	174.21	11,547.45	-6,218.23	710.75	6,248.93	0.44	0.22	0.38
17,147.00	89.23	175.46	11,548.96	-6,312.83	719.30	6,343.87	1.35	0.29	1.32
17,242.00	88.27	176.17	11,551.03	-6,407.55	726.23	6,438.83	1.26	-1.01	0.75
17,336.00	89.75	181.42	11,552.65	-6,501.48	728.21	6,532.72	5.80	1.57	5.59
17,431.00	91.55	184.21	11,551.57	-6,596.34	723.55	6,627.15	3.49	1.89	2.94
17,526.00	90.56	184.74	11,549.83	-6,691.04	716.13	6,721.26	1.18	-1.04	0.56
17,621.00	90.74	185.22	11,548.75	-6,785.67	707.89	6,815.26	0.54	0.19	0.51
17,715.00	90.00	185.28	11,548.14	-6,879.28	699.29	6,908.21	0.79	-0.79	0.06
17,810.00	90.17	185.49	11,548.00	-6,973.86	690.37	7,002.11	0.28	0.18	0.22
17,905.00	89.51	185.47	11,548.27	-7,068.42	681.30	7,096.00	0.70	-0.69	-0.02
17,999.00	88.28	182.91	11,550.08	-7,162.14	674.43	7,189.16	3.02	-1.31	-2.72
18,094.00	89.51	182.04	11,551.91	-7,257.03	670.33	7,283.66	1.59	1.29	-0.92
18,189.00	91.10	181.79	11,551.40	-7,351.98	667.16	7,378.26	1.69	1.67	-0.26
18,284.00	89.84	181.38	11,550.63	-7,446.93	664.53	7,472.91	1.39	-1.33	-0.43
18,379.00	88.27	179.88	11,552.19	-7,541.91	663.48	7,567.66	2.29	-1.65	-1.58
18,474.00	90.20	180.26	11,553.46	-7,636.90	663.37	7,662.48	2.07	2.03	0.40
18,568.00	90.94	181.07	11,552.53	-7,730.88	662.28	7,756.25	1.17	0.79	0.86
18,663.00	90.34	181.82	11,551.46	-7,825.85	659.88	7,850.92	1.01	-0.63	0.79
18,758.00	90.33	182.80	11,550.91	-7,920.77	656.05	7,945.45	1.03	-0.01	1.03
18,853.00	89.17	182.36	11,551.32	-8,015.67	651.78	8,039.95	1.31	-1.22	-0.46
18,947.00	89.43	182.34	11,552.47	-8,109.58	647.92	8,133.48	0.28	0.28	-0.02
19,042.00	89.73	182.17	11,553.17	-8,204.51	644.19	8,228.03	0.36	0.32	-0.18
19,137.00	89.95	182.01	11,553.43	-8,299.44	640.72	8,322.61	0.29	0.23	-0.17
19,232.00	89.99	181.87	11,553.48	-8,394.39	637.50	8,417.21	0.15	0.04	-0.15
19,326.00	89.85	181.67	11,553.61	-8,488.34	634.60	8,510.84	0.26	-0.15	-0.21
19,421.00	89.83	180.86	11,553.88	-8,583.32	632.50	8,605.53	0.85	-0.02	-0.85
19,516.00	89.04	179.92	11,554.82	-8,678.31	631.86	8,700.33	1.29	-0.83	-0.99
19,610.00	87.69	178.77	11,557.50	-8,772.26	632.93	8,794.19	1.89	-1.44	-1.22
19,705.00	89.71	178.81	11,559.65	-8,867.21	634.94	8,889.09	2.13	2.13	0.04
19,800.00	89.53	178.30	11,560.28	-8,962.18	637.33	8,984.04	0.57	-0.19	-0.54
19,895.00	90.03	177.85	11,560.65	-9,057.12	640.52	9,079.01	0.71	0.53	-0.47
19,990.00	89.79	177.37	11,560.80	-9,152.04	644.48	9,174.00	0.56	-0.25	-0.51
20,085.00	89.80	178.34	11,561.14	-9,246.97	648.04	9,268.98	1.02	0.01	1.02
20,180.00	89.92	178.17	11,561.37	-9,341.93	650.93	9,363.94	0.22	0.13	-0.18
20,275.00	89.94	178.23	11,561.49	-9,436.88	653.92	9,458.91	0.07	0.02	0.06



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Jeff Smith MDP1 7_18 FED COM 172H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3475.00usft (H&P 479)
Site:	Jeff Smith MDP1 7_18	MD Reference:	RKB @ 3475.00usft (H&P 479)
Well:	Jeff Smith MDP1 7_18 FED COM 172H	North Reference:	Grid
Wellbore:	OH / 69704	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)
20,369.00	89.68	178.12	11,561.80	-9,530.83	656.91	9,552.87	0.30	-0.28	-0.12
20,464.00	89.80	177.97	11,562.23	-9,625.78	660.15	9,647.85	0.20	0.13	-0.16
20,559.00	90.31	177.95	11,562.14	-9,720.72	663.53	9,742.82	0.54	0.54	-0.02
20,654.00	89.93	178.00	11,561.94	-9,815.66	666.89	9,837.80	0.40	-0.40	0.05
20,748.00	90.60	178.06	11,561.50	-9,909.60	670.12	9,931.77	0.72	0.71	0.06
20,843.00	89.87	177.97	11,561.11	-10,004.54	673.41	10,026.74	0.77	-0.77	-0.09
20,938.00	90.03	177.77	11,561.20	-10,099.47	676.94	10,121.72	0.27	0.17	-0.21
21,033.00	89.90	177.57	11,561.26	-10,194.40	680.81	10,216.71	0.25	-0.14	-0.21
21,128.00	94.39	178.49	11,557.70	-10,289.25	684.07	10,311.59	4.82	4.73	0.97
21,223.00	91.70	177.97	11,552.65	-10,384.06	687.00	10,406.41	2.88	-2.83	-0.55
21,317.00	89.31	177.22	11,551.83	-10,477.97	690.94	10,500.39	2.66	-2.54	-0.80
21,412.00	89.28	177.10	11,552.99	-10,572.84	695.65	10,595.38	0.13	-0.03	-0.13
21,507.00	89.65	177.53	11,553.88	-10,667.73	700.10	10,690.37	0.60	0.39	0.45
21,602.00	88.52	177.58	11,555.40	-10,762.63	704.15	10,785.34	1.19	-1.19	0.05
21,696.00	91.33	178.30	11,555.52	-10,856.56	707.53	10,879.31	3.09	2.99	0.77
21,791.00	90.75	178.01	11,553.80	-10,951.50	710.59	10,974.26	0.68	-0.61	-0.31
21,886.00	89.69	177.82	11,553.43	-11,046.43	714.05	11,069.24	1.13	-1.12	-0.20
21,980.00	88.95	176.82	11,554.55	-11,140.32	718.44	11,163.23	1.32	-0.79	-1.06
22,069.00	90.29	177.65	11,555.14	-11,229.21	722.73	11,252.22	1.77	1.51	0.93
Final Phoenix MWD Survey									
22,083.11	90.29	177.65	11,555.07	-11,243.31	723.31	11,266.32	0.00	0.00	0.00
LTP: 22083.11' MD, 90.29° Inc, 177.65° Azm									
22,123.00	90.29	177.65	11,554.87	-11,283.17	724.95	11,306.21	0.00	0.00	0.00
Projection to TD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
808.41	808.36	-2.33	6.87	Tie In
864.00	863.95	-2.79	6.42	First Phoenix MWD Survey
11,554.99	11,385.01	-776.02	622.83	SL: 11554.99' MD, 52.44° Inc, 166.16° Azm
11,674.08	11,447.24	-875.93	639.30	FTP: 11674.08' MD, 63.33° Inc, 174.71° Azm
16,892.40	11,544.10	-6,059.55	693.93	SL: 16892.40' MD, 88.73° Inc, 173.81° Azm
22,069.00	11,555.14	-11,229.21	722.73	Final Phoenix MWD Survey
22,083.11	11,555.07	-11,243.31	723.31	LTP: 22083.11' MD, 90.29° Inc, 177.65° Azm
22,123.00	11,554.87	-11,283.17	724.95	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 / 32.2412575 / -103.8232623	County or Parish/State: EDDY / NM
Well Number: 172H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57273	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547249	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2699060

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/20/2022

Date Operation Actually Began: 06/29/2022

Type of Action: Workover Operations

Time Sundry Submitted: 10:18

Actual Procedure: RUPU 06/29/22, RIH & clean out to PBTD @ 22079', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 11727-21788' Total 1428 holes. Frac in 42 stages w/ 382035BBL Produced Water w/ 24953390# sand, RD Liberty 07/18/22. Well ready to produce 07/22/22. 10/10/22 RIH with 2-3/8" x 1-2/3" L80 tbg & gas lift set @ 11310', RD 10/11/22. Formation Tops for this completion are as follows: Rustler 519'M 519'V Salado 895'M 895'V Bell Canyon 4206'M 4206'V Cherry Canyon 5100'M 5100'V Brushy Canyon 6358'M 6358'V Bone Spring 8036'M 8034'V 1st Bone Spring 9051'M 9030'V 2nd Bone Spring 9754'M 9716'V 3rd Bone Spring 11959'M 10974'V Wolfcamp 11609'M 11416'V

Received by OCD: 1/10/2023 4:27:48 PM

Page 14 of 19

Well Name: JEFF SMITH MDP1 7-18 FEDERAL C	Well Location: T24S / R31E / SEC 6 / SWSW / 32.2412575 / -103.8232623	County or Parish/State: EDDY / NM
Well Number: 172H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57273	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547249	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 10:17 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. 30-015-47249			
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			
							3. State Oil & Gas Lease No.			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							5. Lease Name or Unit Agreement Name JEFF SMITH MDP1 7-18 FEDERAL COM			
8. Name of Operator: OXY USA INC.							6. Well Number: 172H			
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:	M	6	24S	31E		779	SOUTH	740	WEST	EDDY
BH:	N	18	24S	31E		60	SOUTH	1419	WEST	EDDY
13. Date Spudded 04/19/22	14. Date T.D. Reached 06/16/2022		15. Date Rig Released 06/20/2022		16. Date Completed (Ready to Produce) 07/22/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3450' GL			
18. Total Measured Depth of Well 22123'M 11555'V			19. Plug Back Measured Depth 22079'M 11555'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 11727-21788' 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		835'		14.75"		1160sx-surf circ		
7.625" HCL80		26.4		11015'		9.875"		2325sx-surf		
5.5" P110CY		20		22103'		6.75"		842sx-TOC@10515'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD		
								SIZE	DEPTH SET	PACKER SET
								2-3/8" x 1-2/3"	11310'	
26. Perforation record (interval, size, and number) 11727-21788' Total 1428 holes, Hole Size=0.42							27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
							DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
							11727-21788'		382035BBL Produced Water w/ 24953390# sand	
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)				
07/30/2022		Gas Lift				Prod.				
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
08/17/2022	24 hrs.	128/128	Test Period	3931	8084	10392	2056			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	2142		3931	8084	10392					
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) 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 519'	T. Bell Canyon 4206'	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 5100'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6358'	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 8036'	T. Todilto	
T. Abo	T. 1 st Bone Springs 9051'	T. Entrada	
T. Wolfcamp 11609'	T. 2 nd Bone Springs 9754'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 11059'	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.....

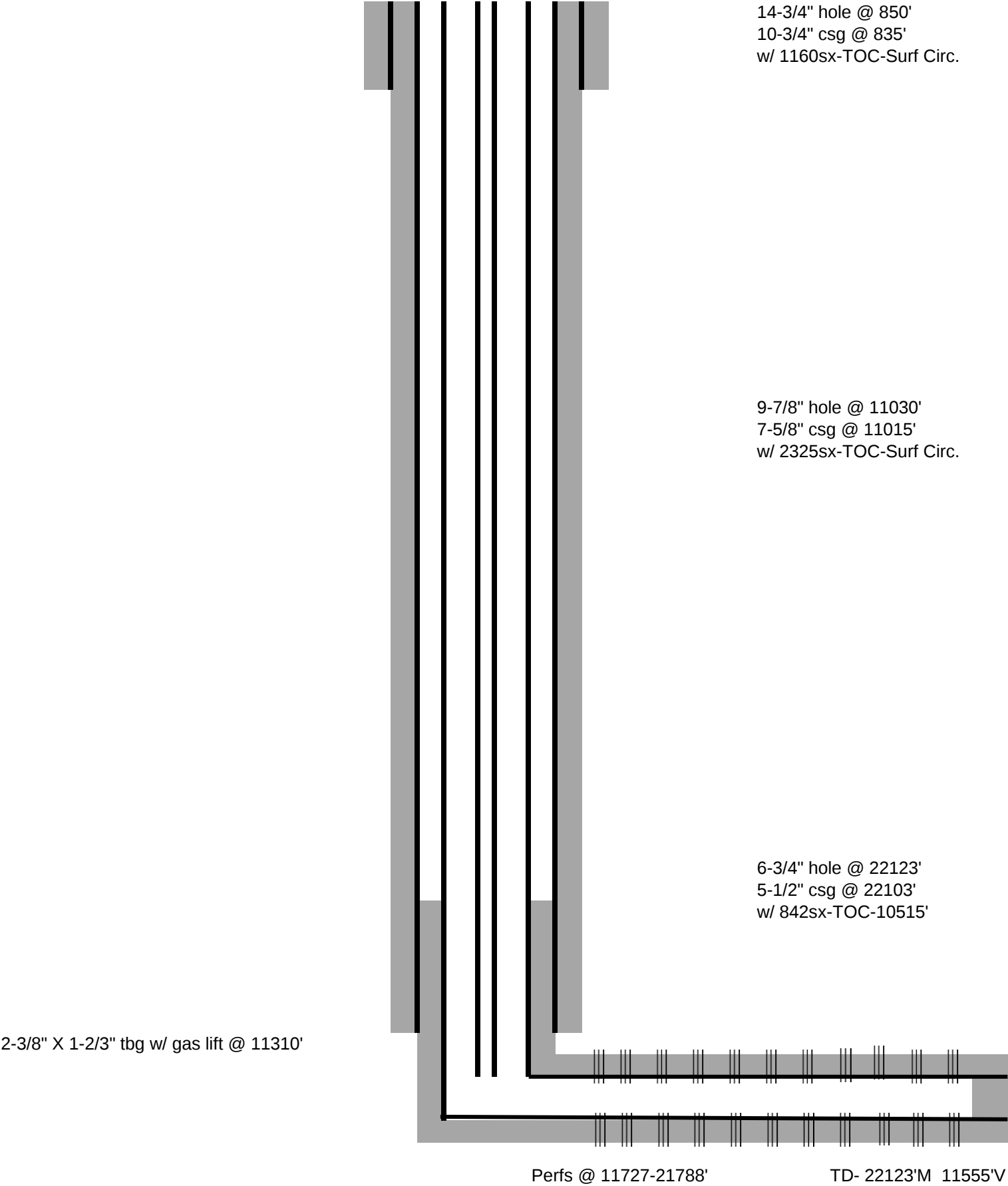
Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OXY USA Inc.
JEFF SMITH MDP1 7-18 FEDERAL COM 172H
API No. 30-015-47249



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 174861

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 174861
	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
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Phone:(575) 393-6161 Fax:(575) 393-0720
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 174861

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 174861
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval	3/22/2023
smcgrath	Upload CBL to OCD Permitting/Well Logs	3/22/2023