

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011District I

811 S. First St., Artesia, NM 88210

District II

1000 Rio Brazos Rd., Aztec, NM 87410

District III

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

District IVOil 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 - 07/31/2023
⁴ API Number 30 - 015-48590	⁵ Pool Name PURPLE SAGE WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code: 331061	⁸ Property Name: NIMITZ MDP1 13-1 FEDERAL COM	⁹ Well Number: 312H

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
O	13	24S	30E		179	SOUTH	2475	EAST	EDDY

¹¹ Bottom Hole Location

FTP- 498' FSL 2327' FWL LTP- 208' FNL 2339' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
CX3	1	24S	30E		48	NORTH	2337	WEST	EDDY

¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 8/3/23	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 01/13/23	²² Ready Date 07/31/2023	²³ TD 26920'M 11503'V	²⁴ PBTD 26875'M 11503'V	²⁵ Perforations 11600-26760'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	787'	760		
9-7/8"	7-5/8"	10747'	2693		
6-3/4"	5-1/2"	26900'	1237		

V. Well Test Data

³¹ Date New Oil 8/4/23	³² Gas Delivery Date 8/3/23	³³ Test Date 8/24/23	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2376
³⁷ Choke Size 76/128	³⁸ Oil 3124	³⁹ Water 8635	⁴⁰ Gas 5669		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.comDate: 09/11/2023
Phone: 432-695-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 10/4/2023

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 ACERAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-48590	² Pool Code 98220	³ Pool Name PURPLE SAGE, WOLFCAMP (GAS)
⁴ Property Code 331061	⁵ Property Name NIMITZ MDPI 13_1 FED COM	⁶ Well Number 312H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3475'

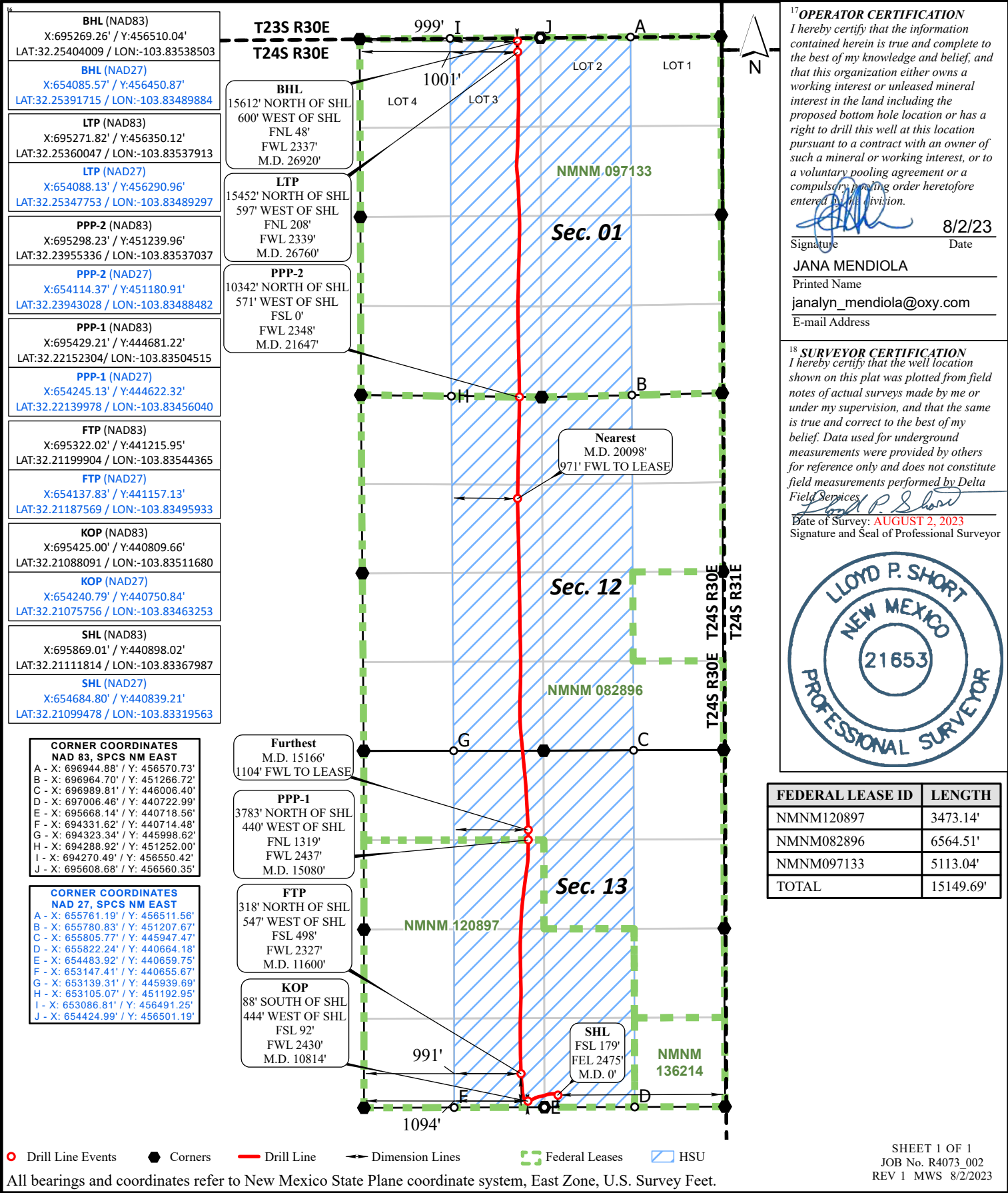
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	13	24S	30E		179	SOUTH	2475	EAST	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 3	1	24S	30E		48	NORTH	2337	WEST	EDDY
¹² Dedicated Acres 959.90	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

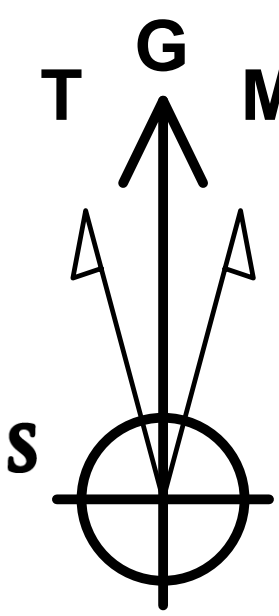




Project: Eddy County, NM (NAD83-NME)
Site: Nimitz MDP1 13_1
Well: Nimitz MDP1 13_1 Fed Com 312H
Wellbore: OH / 72234
Design: Plan 1 05-26-23
Rig: H&P 479

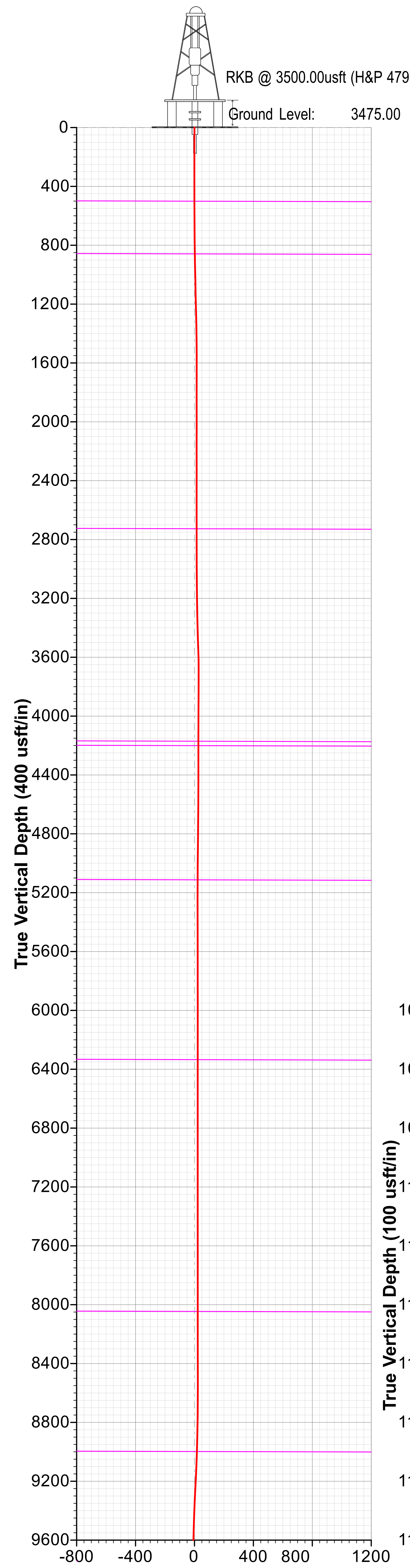


PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
True North: -0.27°
Magnetic North: 6.36°

Magnetic Field
Strength: 47511.4nT
Dip Angle: 59.87°
Date: 5/30/2023
Model: IFR



WELL DETAILS						
		Ground Level:		3475.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	440898.02	695869.01	32° 12' 40.025300 N	103° 50' 1.247551 W	

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	10728.00	10.61	247.29	10695.27	-83.41	-428.56	0.00	0.000	-67.01		Plan Tie In
2	10814.62	10.61	247.29	10780.41	-89.56	-443.28	0.00	0.000	-72.60		KOP, Begin 9.00°/100' Build
3	11357.21	45.00	353.69	11268.83	93.01	-514.82	9.00	115.698	112.57		Begin 9.00°/100' Build & Turn
4	11859.01	89.84	359.77	11456.77	543.84	-536.45	9.00	8.591	563.90		LP, Hold 89.84° Inc at 359.77° Azm
5	26955.18	89.84	359.77	11498.91	15639.83	-596.68	0.00	0.000	15651.21	BHL - (Target Suffix)	TD at 26955.18

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
501.00	501.01	RUSTLER	
859.01	859.03	SALADO	
2727.04	2727.21	CASTILE	
4171.08	4171.62	DELAWARE	
4201.08	4201.62	BELL CANYON	
5113.06	5116.12	CHERRY CANYON	
6335.06	6338.62	BRUSHY CANYON	
8046.06	8049.62	BONE SPRING	
8998.05	9004.85	BONE SPRING 1ST	
9743.97	9760.96	BONE SPRING 2ND	
10927.82	10964.55	BONE SPRING 3RD	
11383.75	11552.00	WOLFCAMP	
11456.53	11843.00		11455.2' TVD @ 0° VS 89.84° INC

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

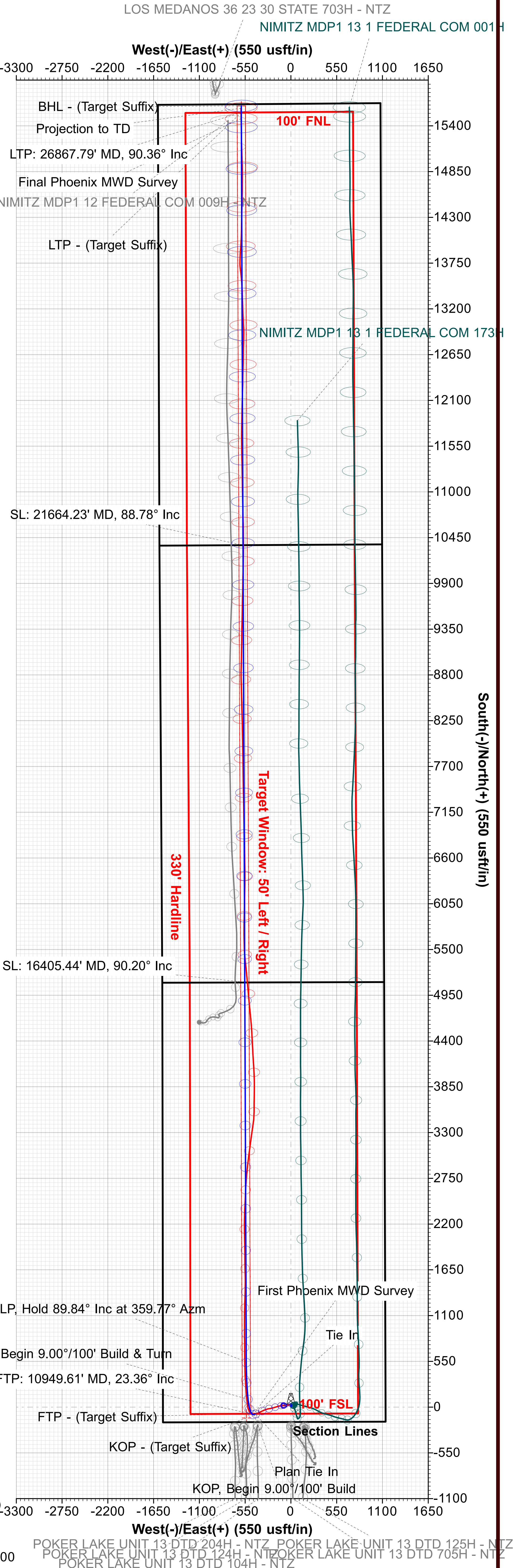
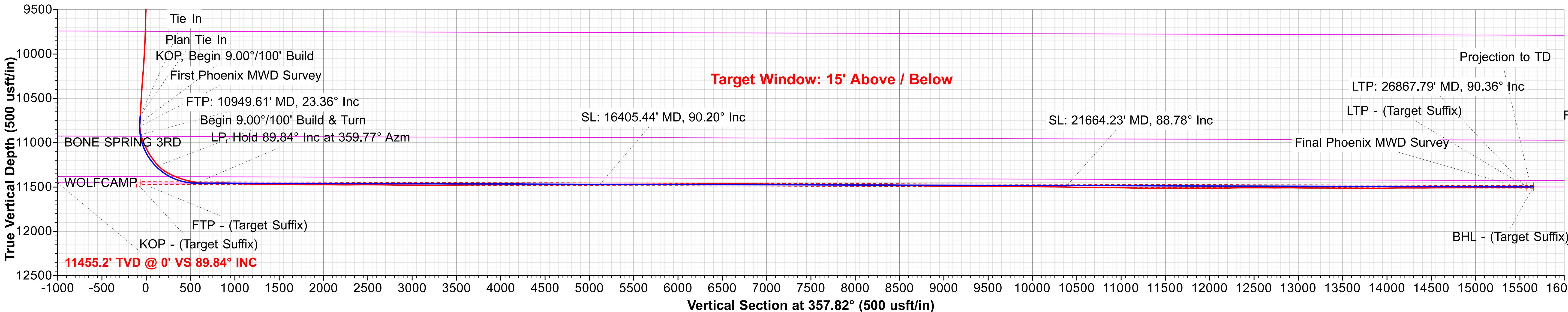
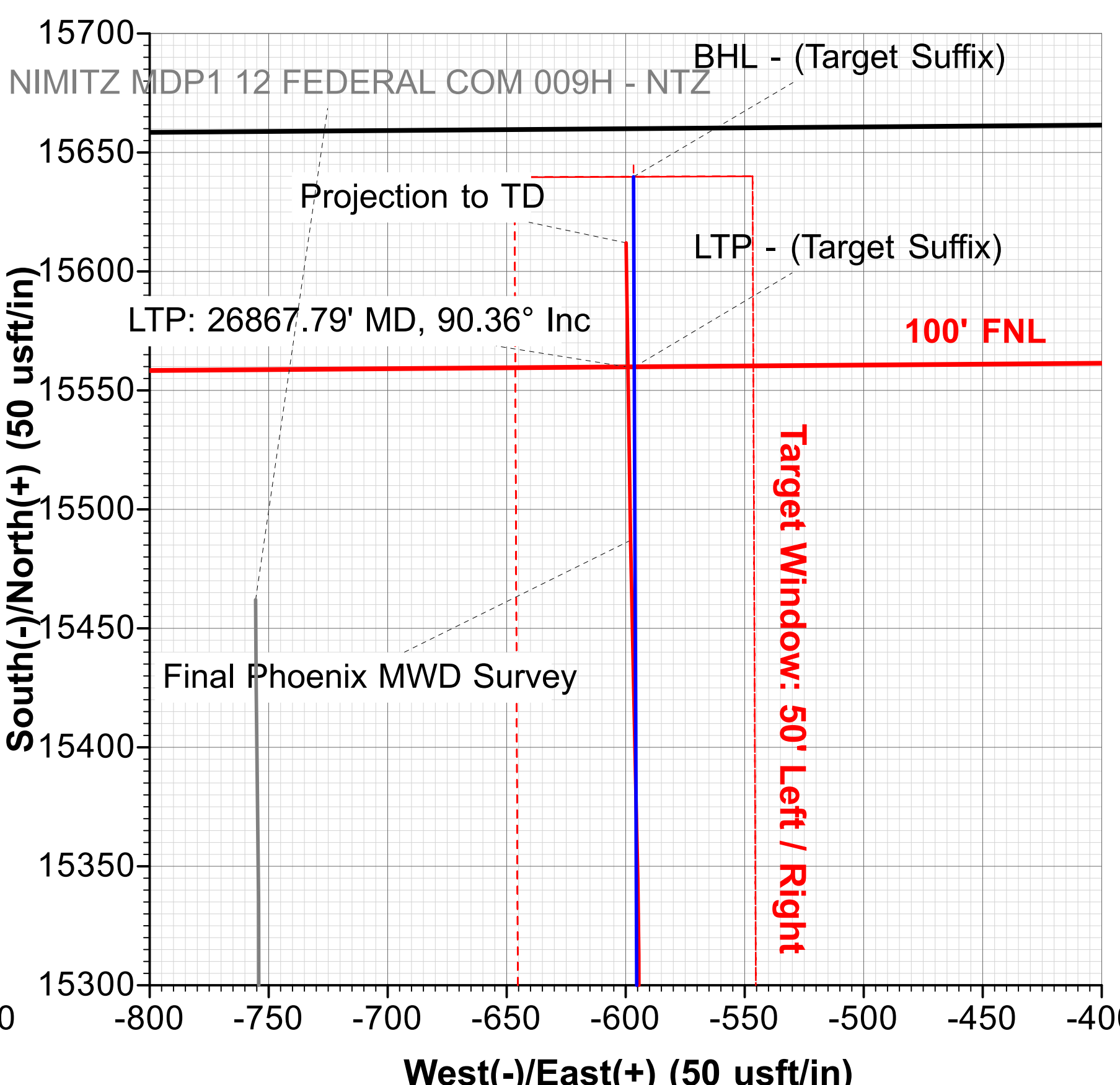
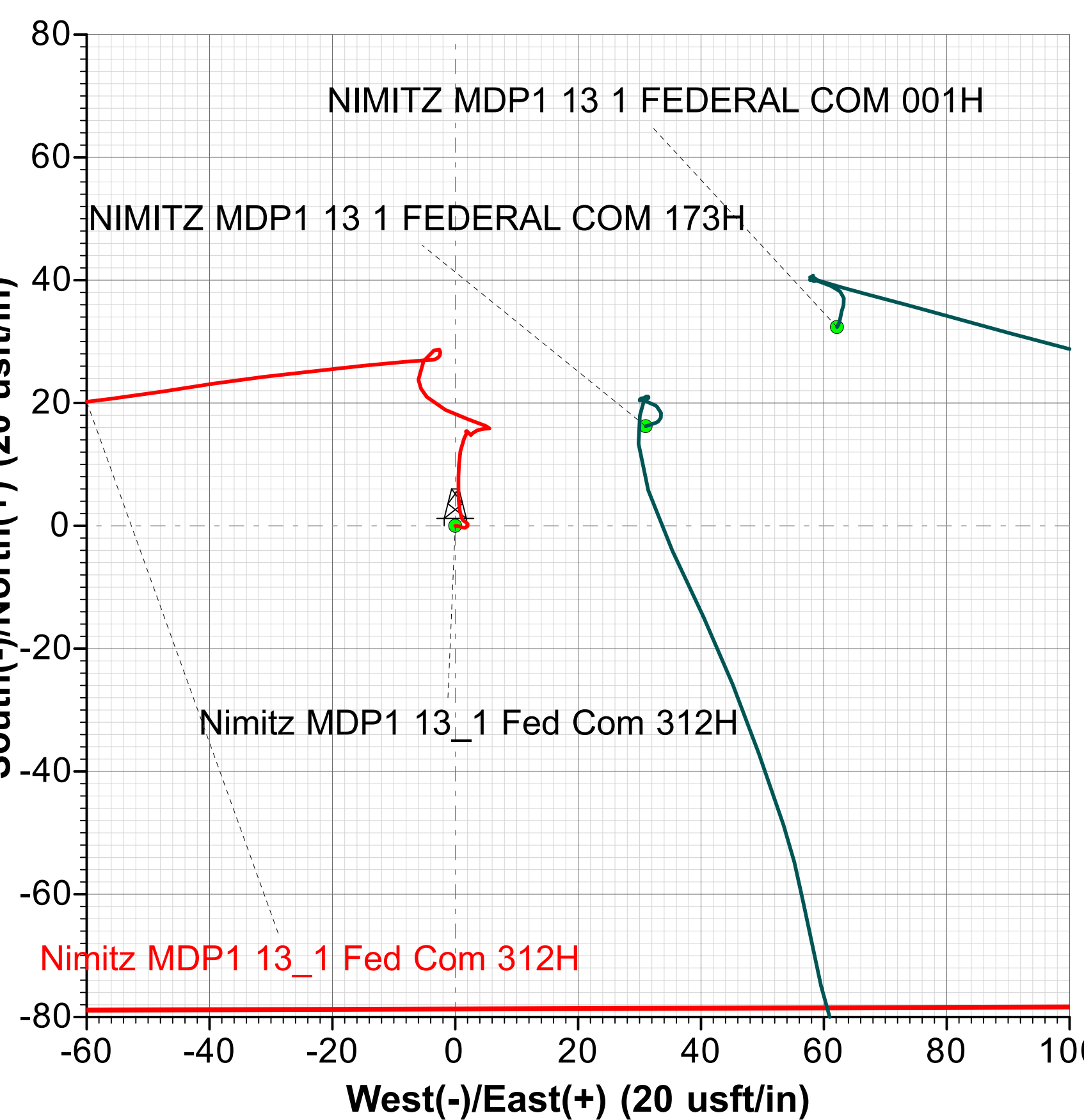
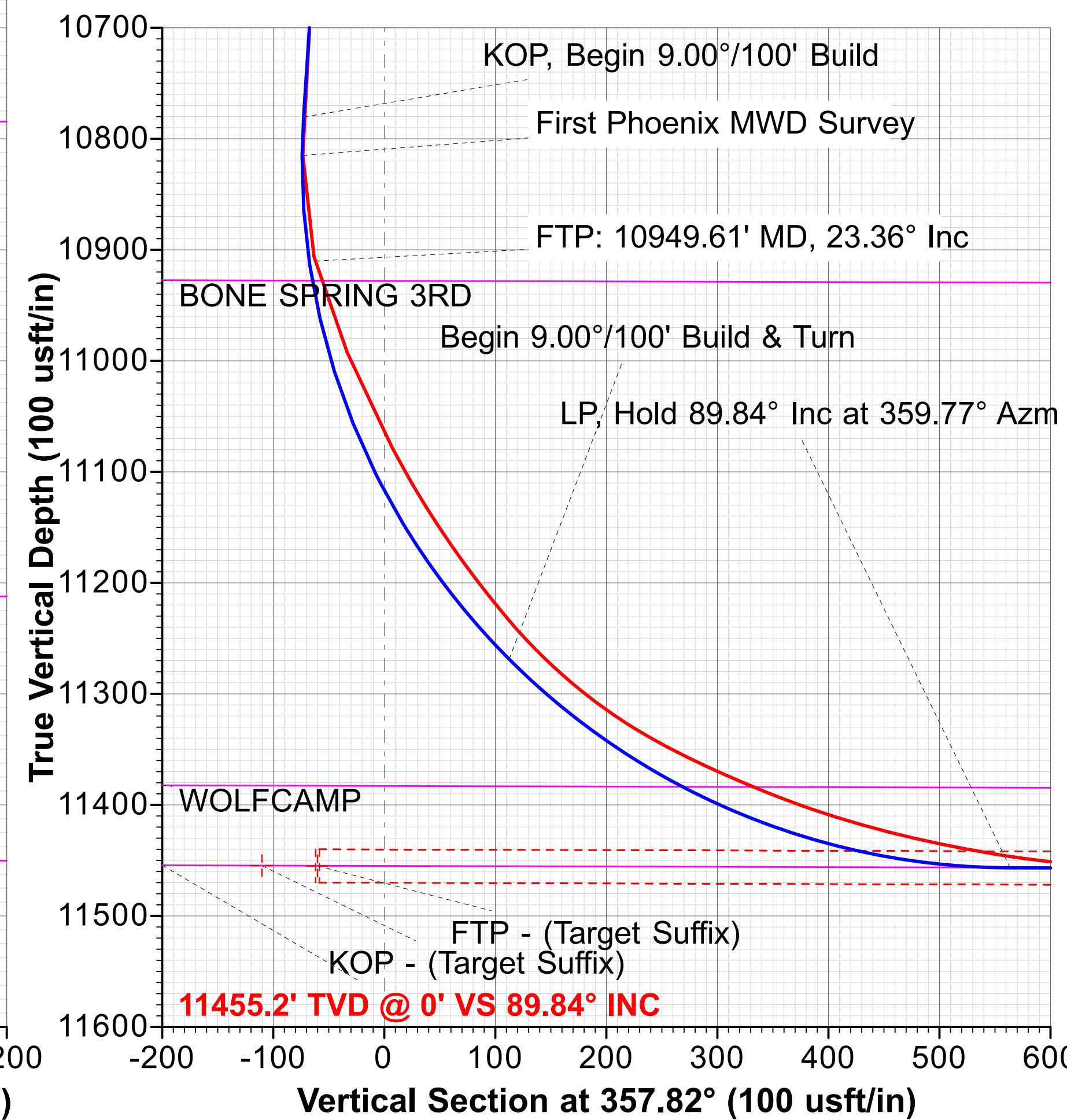
Local Origin: Well Nimitz MDP1 13_1 Fed Com 312H, Grid North

Latitude: 32° 12' 40.025300 N
Longitude: 103° 50' 1.247551 W

Grid East: 695869.01
Grid North: 440898.02
Scale Factor: 1.000

Geomagnetic Model: IFR
Sample Date: 30-May-23
Magnetic Declination: 6.631°
Dip Angle from Horizontal: 59.875°
Magnetic Field Strength: 47511.40000000nT

To convert a Magnetic Direction to a Grid Direction, Add 6.365°
To convert a Magnetic Direction to a True Direction, Add 6.631° East
To convert a True Direction to a Grid Direction, Subtract 0.266°





OXY USA INC.

**Eddy County, NM (NAD83-NME)
Nimitz MDP1 13_1
Nimitz MDP1 13_1 Fed Com 312H**

OH / 72234

Design: Surveys (H&P 479)

Standard Survey Report

19 June, 2023





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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	Nimitz MDP1 13_1		
Site Position:		Northing:	440,898.02 usft
From:	Map	Easting:	695,869.01 usft
Position Uncertainty:	1.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 40.025300 N
		Longitude:	103° 50' 1.247551 W

Well	Nimitz MDP1 13_1 Fed Com 312H					
Well Position	+N/-S	0.00 usft	Northing:	440,898.02 usft	Latitude:	32° 12' 40.025300 N
	+E/-W	0.00 usft	Easting:	695,869.01 usft	Longitude:	103° 50' 1.247551 W
Position Uncertainty		1.00 usft	Wellhead Elevation:	usft	Ground Level:	3,475.00 usft
Grid Convergence:		0.266 °				

Wellbore	OH / 72234				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	5/30/2023	6.631	59.875	47,511.40000000

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	357.82	

Survey Program	Date	6/19/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	776.18	Gyrodata Gyro Surveys (OH / 72234)	GYD_G003_GC+DROP+I	Gyrodata Stationary Tool drop on BHA on open h	
843.00	10,728.00	SLB MWD Surveys - SQC Final (OH / 722	SQC_C705a_MWD+IFR1	OWSG MWD + IFR1 + Sag + FDIR Correction	
10,850.00	26,920.00	Phoenix MWD Surveys - SQC Final (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	
107.93	0.39	90.46	107.93	0.00	0.28	-0.01	0.47	0.47	0.00	
191.99	0.22	112.97	191.99	-0.07	0.72	-0.09	0.24	-0.20	26.78	
276.02	0.34	117.44	276.02	-0.25	1.09	-0.29	0.15	0.14	5.32	
370.90	0.38	78.73	370.90	-0.31	1.65	-0.38	0.25	0.04	-40.80	
465.03	0.25	18.08	465.02	-0.06	2.01	-0.13	0.36	-0.14	-64.43	
559.31	0.21	342.91	559.30	0.30	2.03	0.23	0.15	-0.04	-37.30	

Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
653.51	0.26	290.78	653.50	0.54	1.78	0.48	0.22	0.05	-55.34
747.81	0.51	312.21	747.80	0.90	1.27	0.85	0.30	0.27	22.73
776.18	1.14	339.70	776.17	1.25	1.08	1.21	2.56	2.22	96.90
843.00	1.00	350.89	842.98	2.45	0.75	2.42	0.38	-0.21	16.75
937.00	1.22	356.76	936.96	4.26	0.57	4.24	0.26	0.23	6.24
1,031.00	1.21	1.43	1,030.94	6.25	0.53	6.23	0.11	-0.01	4.97
1,111.00	1.17	358.76	1,110.92	7.91	0.54	7.89	0.09	-0.05	-3.34
1,205.00	1.30	5.25	1,204.90	9.93	0.61	9.90	0.20	0.14	6.90
1,298.00	1.44	7.20	1,297.87	12.14	0.86	12.10	0.16	0.15	2.10
1,390.00	1.29	26.17	1,389.85	14.22	1.46	14.15	0.51	-0.16	20.62
1,485.00	0.12	12.44	1,484.84	15.28	1.95	15.19	1.24	-1.23	-14.45
1,580.00	0.08	308.30	1,579.84	15.41	1.92	15.33	0.12	-0.04	-67.52
1,675.00	0.06	243.45	1,674.84	15.43	1.82	15.35	0.08	-0.02	-68.26
1,770.00	0.07	175.68	1,769.84	15.35	1.78	15.27	0.08	0.01	-71.34
1,865.00	0.07	328.15	1,864.84	15.34	1.76	15.27	0.14	0.00	160.49
1,960.00	0.08	145.42	1,959.84	15.34	1.77	15.26	0.16	0.01	186.60
2,055.00	0.03	274.70	2,054.84	15.29	1.78	15.21	0.11	-0.05	136.08
2,150.00	0.09	119.89	2,149.84	15.25	1.82	15.17	0.12	0.06	-162.96
2,244.00	0.06	345.59	2,243.84	15.26	1.87	15.18	0.15	-0.03	-142.87
2,339.00	0.10	69.24	2,338.84	15.34	1.94	15.26	0.12	0.04	88.05
2,434.00	0.46	139.46	2,433.84	15.08	2.26	14.98	0.46	0.38	73.92
2,529.00	0.03	118.02	2,528.83	14.78	2.53	14.67	0.45	-0.45	-22.57
2,624.00	0.04	34.36	2,623.83	14.79	2.57	14.69	0.05	0.01	-88.06
2,719.00	0.41	43.83	2,718.83	15.07	2.83	14.95	0.39	0.39	9.97
2,813.00	0.74	64.87	2,812.83	15.57	3.61	15.42	0.41	0.35	22.38
2,908.00	0.75	91.08	2,907.82	15.82	4.78	15.62	0.36	0.01	27.59
3,003.00	0.24	71.74	3,002.82	15.87	5.60	15.64	0.56	-0.54	-20.36
3,098.00	1.11	293.15	3,097.81	16.29	4.94	16.09	1.37	0.92	-145.88
3,193.00	2.43	289.49	3,192.76	17.32	2.19	17.23	1.39	1.39	-3.85
3,288.00	2.48	295.19	3,287.68	18.87	-1.57	18.92	0.26	0.05	6.00
3,383.00	2.08	316.66	3,382.60	21.00	-4.61	21.16	0.98	-0.42	22.60
3,478.00	1.86	352.88	3,477.55	23.78	-5.98	23.99	1.31	-0.23	38.13
3,573.00	2.19	34.68	3,572.50	26.81	-5.14	26.98	1.55	0.35	44.00
3,668.00	0.85	67.11	3,667.46	28.57	-3.46	28.68	1.62	-1.41	34.14
3,763.00	0.32	123.30	3,762.46	28.70	-2.59	28.78	0.76	-0.56	59.15
3,858.00	0.35	187.86	3,857.46	28.27	-2.41	28.34	0.38	0.03	67.96
3,953.00	0.31	195.23	3,952.46	27.73	-2.51	27.81	0.06	-0.04	7.76
4,048.00	0.34	241.57	4,047.45	27.35	-2.83	27.44	0.27	0.03	48.78
4,143.00	0.41	243.95	4,142.45	27.07	-3.38	27.18	0.08	0.07	2.51
4,238.00	0.13	343.65	4,237.45	27.02	-3.72	27.14	0.47	-0.29	104.95
4,333.00	1.39	262.59	4,332.44	26.98	-4.89	27.14	1.45	1.33	-85.33
4,428.00	3.12	266.58	4,427.36	26.67	-8.61	26.98	1.83	1.82	4.20
4,523.00	4.58	263.34	4,522.15	26.08	-14.96	26.63	1.55	1.54	-3.41



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
4,618.00	5.08	263.96	4,616.81	25.20	-22.91	26.05	0.53	0.53	0.65
4,713.00	5.01	263.07	4,711.44	24.25	-31.21	25.43	0.11	-0.07	-0.94
4,808.00	4.94	261.41	4,806.08	23.14	-39.38	24.63	0.17	-0.07	-1.75
4,903.00	5.24	261.06	4,900.71	21.86	-47.71	23.66	0.32	0.32	-0.37
4,998.00	4.91	263.05	4,995.34	20.69	-56.03	22.81	0.39	-0.35	2.09
5,093.00	4.61	263.53	5,090.01	19.77	-63.86	22.19	0.32	-0.32	0.51
5,188.00	3.65	261.68	5,184.76	18.90	-70.64	21.58	1.02	-1.01	-1.95
5,283.00	2.95	267.84	5,279.60	18.37	-76.08	21.26	0.82	-0.74	6.48
5,378.00	1.98	269.94	5,374.51	18.28	-80.16	21.32	1.03	-1.02	2.21
5,473.00	1.42	277.93	5,469.47	18.44	-82.97	21.59	0.64	-0.59	8.41
5,568.00	0.93	290.15	5,564.45	18.87	-84.86	22.09	0.58	-0.52	12.86
5,663.00	0.10	50.19	5,659.45	19.19	-85.52	22.43	1.04	-0.87	126.36
5,758.00	0.11	205.88	5,754.45	19.16	-85.49	22.40	0.22	0.01	163.88
5,853.00	0.15	304.08	5,849.45	19.14	-85.64	22.39	0.21	0.04	103.37
5,947.00	0.15	268.96	5,943.45	19.21	-85.86	22.47	0.10	0.00	-37.36
6,042.00	0.10	270.07	6,038.45	19.21	-86.07	22.48	0.05	-0.05	1.17
6,137.00	0.05	35.19	6,133.45	19.24	-86.13	22.51	0.14	-0.05	131.71
6,232.00	0.11	217.02	6,228.45	19.20	-86.16	22.47	0.17	0.06	-187.55
6,327.00	0.11	203.93	6,323.45	19.05	-86.25	22.32	0.03	0.00	-13.78
6,422.00	0.12	218.46	6,418.45	18.89	-86.35	22.16	0.03	0.01	15.29
6,517.00	0.07	285.26	6,513.45	18.82	-86.47	22.11	0.12	-0.05	70.32
6,612.00	0.10	84.41	6,608.45	18.85	-86.44	22.13	0.18	0.03	167.53
6,707.00	0.09	344.33	6,703.45	18.93	-86.38	22.21	0.15	-0.01	-105.35
6,801.00	0.13	189.11	6,797.45	18.89	-86.41	22.17	0.23	0.04	-165.13
6,896.00	0.08	353.07	6,892.45	18.85	-86.44	22.13	0.22	-0.05	172.59
6,991.00	0.08	159.41	6,987.45	18.86	-86.42	22.14	0.17	0.00	175.09
7,086.00	0.07	228.10	7,082.45	18.75	-86.44	22.04	0.09	-0.01	72.31
7,181.00	0.07	296.57	7,177.45	18.74	-86.54	22.03	0.08	0.00	72.07
7,276.00	0.10	320.29	7,272.45	18.83	-86.64	22.12	0.05	0.03	24.97
7,370.00	0.08	344.18	7,366.45	18.96	-86.71	22.25	0.04	-0.02	25.41
7,465.00	0.09	282.96	7,461.45	19.04	-86.81	22.33	0.09	0.01	-64.44
7,560.00	0.08	134.74	7,556.45	19.01	-86.83	22.30	0.17	-0.01	-156.02
7,655.00	0.09	343.38	7,651.45	19.03	-86.81	22.33	0.17	0.01	-159.33
7,750.00	0.07	53.36	7,746.45	19.14	-86.78	22.43	0.10	-0.02	73.66
7,845.00	0.10	353.54	7,841.45	19.26	-86.74	22.55	0.09	0.03	-62.97
7,940.00	0.09	262.10	7,936.45	19.33	-86.83	22.62	0.14	-0.01	-96.25
8,034.00	0.09	292.23	8,030.45	19.35	-86.97	22.65	0.05	0.00	32.05
8,129.00	0.09	111.45	8,125.45	19.35	-86.97	22.65	0.19	0.00	188.65
8,224.00	0.43	256.15	8,220.44	19.23	-87.24	22.55	0.53	0.36	152.32
8,319.00	1.30	278.21	8,315.43	19.30	-88.66	22.67	0.96	0.92	23.22
8,414.00	1.90	266.58	8,410.40	19.36	-91.30	22.83	0.72	0.63	-12.24
8,509.00	2.97	272.81	8,505.31	19.39	-95.33	23.01	1.16	1.13	6.56
8,604.00	4.39	267.19	8,600.11	19.33	-101.42	23.18	1.54	1.49	-5.92
8,698.00	5.50	260.89	8,693.76	18.44	-109.46	22.60	1.31	1.18	-6.70

Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
8,793.00	6.49	263.57	8,788.24	17.12	-119.29	21.66	1.08	1.04	2.82
8,888.00	8.17	258.63	8,882.46	15.19	-131.24	20.18	1.89	1.77	-5.20
8,983.00	8.61	254.50	8,976.45	11.96	-144.71	17.47	0.79	0.46	-4.35
9,078.00	9.53	255.13	9,070.26	8.04	-159.17	14.10	0.97	0.97	0.66
9,173.00	9.55	252.80	9,163.94	3.69	-174.29	10.33	0.41	0.02	-2.45
9,268.00	9.54	250.89	9,257.63	-1.22	-189.26	6.00	0.33	-0.01	-2.01
9,363.00	9.08	251.27	9,351.38	-6.20	-203.80	1.57	0.49	-0.48	0.40
9,457.00	9.09	255.51	9,444.20	-10.44	-218.01	-2.12	0.71	0.01	4.51
9,552.00	9.31	258.43	9,537.98	-13.86	-232.81	-4.98	0.54	0.23	3.07
9,647.00	9.29	260.80	9,631.73	-16.63	-247.90	-7.16	0.40	-0.02	2.49
9,742.00	10.39	260.99	9,725.33	-19.20	-263.94	-9.12	1.16	1.16	0.20
9,837.00	10.80	254.98	9,818.71	-22.84	-280.99	-12.11	1.24	0.43	-6.33
9,932.00	10.42	251.02	9,912.09	-27.94	-297.71	-16.57	0.87	-0.40	-4.17
10,027.00	9.89	248.97	10,005.60	-33.67	-313.45	-21.69	0.68	-0.56	-2.16
10,122.00	10.47	248.11	10,099.10	-39.81	-329.08	-27.24	0.63	0.61	-0.91
10,217.00	10.38	243.02	10,192.54	-46.91	-344.71	-33.74	0.97	-0.09	-5.36
10,312.00	10.67	241.87	10,285.94	-54.94	-360.10	-41.17	0.38	0.31	-1.21
10,407.00	10.21	245.77	10,379.37	-62.55	-375.53	-48.18	0.89	-0.48	4.11
10,502.00	10.34	249.09	10,472.85	-69.04	-391.17	-54.08	0.64	0.14	3.49
10,597.00	9.96	250.20	10,566.36	-74.87	-406.87	-59.30	0.45	-0.40	1.17
10,692.00	10.37	247.70	10,659.87	-80.90	-422.51	-64.73	0.63	0.43	-2.63
10,728.00	10.61	247.29	10,695.27	-83.41	-428.56	-67.01	0.70	0.67	-1.14
Tie In									
10,850.00	11.22	256.48	10,815.07	-90.52	-450.47	-73.28	1.51	0.50	7.53
First Phoenix MWD Survey									
10,945.00	23.32	306.55	10,906.04	-81.40	-474.76	-63.24	19.11	12.74	52.71
10,949.61	23.36	307.74	10,910.28	-80.30	-476.22	-62.09	10.23	0.89	25.73
FTP: 10949.61' MD, 23.36° Inc									
11,040.00	25.85	329.26	10,992.62	-52.33	-500.52	-33.22	10.23	2.75	23.81
11,135.00	27.98	346.27	11,077.45	-12.82	-516.42	6.88	8.38	2.24	17.91
11,230.00	34.19	353.85	11,158.80	35.43	-524.58	55.40	7.72	6.54	7.98
11,324.00	40.36	355.43	11,233.56	92.09	-529.84	112.22	6.64	6.56	1.68
11,419.00	51.59	355.25	11,299.48	160.06	-535.39	180.35	11.82	11.82	-0.19
11,514.00	63.16	355.77	11,350.61	239.69	-541.62	260.16	12.19	12.18	0.55
11,609.00	68.27	356.37	11,389.67	326.05	-547.54	346.69	5.41	5.38	0.63
11,704.00	74.76	358.54	11,419.78	416.01	-551.51	436.73	7.17	6.83	2.28
11,799.00	79.59	358.83	11,440.86	508.59	-553.63	529.32	5.09	5.08	0.31
11,894.00	85.08	358.63	11,453.52	602.68	-555.72	623.43	5.78	5.78	-0.21
11,989.00	91.72	0.45	11,456.18	697.58	-556.48	718.29	7.25	6.99	1.92
12,008.00	91.54	0.56	11,455.64	716.57	-556.31	737.26	1.11	-0.95	0.58
12,103.00	90.36	358.59	11,454.06	811.55	-557.01	832.20	2.42	-1.24	-2.07
12,198.00	86.51	0.31	11,456.65	906.49	-557.93	927.10	4.44	-4.05	1.81
12,293.00	87.78	359.64	11,461.39	1,001.37	-557.97	1,021.91	1.51	1.34	-0.71



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
12,388.00	87.88	0.33	11,464.98	1,096.30	-557.99	1,116.78	0.73	0.11	0.73
12,483.00	88.51	1.55	11,467.98	1,191.24	-556.44	1,211.58	1.44	0.66	1.28
12,578.00	88.94	2.21	11,470.09	1,286.16	-553.32	1,306.32	0.83	0.45	0.69
12,673.00	89.98	1.40	11,470.99	1,381.11	-550.33	1,401.09	1.39	1.09	-0.85
12,767.00	89.70	0.98	11,471.25	1,475.09	-548.38	1,494.92	0.54	-0.30	-0.45
12,862.00	89.50	358.35	11,471.91	1,570.08	-548.93	1,589.86	2.78	-0.21	-2.77
12,957.00	89.54	358.46	11,472.71	1,665.04	-551.57	1,684.85	0.12	0.04	0.12
13,052.00	89.47	359.57	11,473.53	1,760.02	-553.21	1,779.83	1.17	-0.07	1.17
13,147.00	90.54	359.87	11,473.52	1,855.01	-553.67	1,874.77	1.17	1.13	0.32
13,242.00	90.23	358.69	11,472.88	1,950.00	-554.87	1,969.74	1.28	-0.33	-1.24
13,336.00	89.40	358.89	11,473.18	2,043.98	-556.85	2,063.72	0.91	-0.88	0.21
13,431.00	88.89	358.98	11,474.60	2,138.95	-558.62	2,158.69	0.55	-0.54	0.09
13,525.00	89.95	0.57	11,475.55	2,232.94	-558.99	2,252.63	2.03	1.13	1.69
13,620.00	91.03	2.34	11,474.74	2,327.90	-556.57	2,347.43	2.18	1.14	1.86
13,714.00	90.70	2.73	11,473.32	2,421.80	-552.42	2,441.10	0.54	-0.35	0.41
13,809.00	89.27	2.30	11,473.35	2,516.71	-548.25	2,535.78	1.57	-1.51	-0.45
13,904.00	89.01	2.88	11,474.77	2,611.60	-543.96	2,630.44	0.67	-0.27	0.61
13,998.00	88.99	3.71	11,476.41	2,705.43	-538.55	2,723.99	0.88	-0.02	0.88
14,093.00	89.40	5.08	11,477.75	2,800.14	-531.27	2,818.35	1.51	0.43	1.44
14,188.00	89.55	6.43	11,478.62	2,894.65	-521.75	2,912.44	1.43	0.16	1.42
14,282.00	89.36	7.00	11,479.51	2,988.00	-510.76	3,005.30	0.64	-0.20	0.61
14,376.00	89.73	7.82	11,480.26	3,081.21	-498.64	3,097.98	0.96	0.39	0.87
14,471.00	89.12	7.16	11,481.21	3,175.40	-486.25	3,191.63	0.95	-0.64	-0.69
14,565.00	89.62	7.71	11,482.25	3,268.60	-474.09	3,284.30	0.79	0.53	0.59
14,660.00	91.75	9.43	11,481.11	3,362.52	-459.94	3,377.61	2.88	2.24	1.81
14,755.00	91.22	6.33	11,478.65	3,456.58	-446.92	3,471.11	3.31	-0.56	-3.26
14,849.00	90.58	359.04	11,477.17	3,550.40	-442.52	3,564.69	7.78	-0.68	-7.76
14,944.00	90.68	1.29	11,476.12	3,645.39	-442.24	3,659.60	2.37	0.11	2.37
15,038.00	90.66	0.93	11,475.03	3,739.37	-440.42	3,753.44	0.38	-0.02	-0.38
15,133.00	90.71	0.40	11,473.89	3,834.35	-439.32	3,848.32	0.56	0.05	-0.56
15,228.00	90.22	358.67	11,473.12	3,929.34	-440.09	3,943.27	1.89	-0.52	-1.82
15,323.00	90.14	356.93	11,472.82	4,024.27	-443.74	4,038.26	1.83	-0.08	-1.83
15,417.00	90.15	356.34	11,472.58	4,118.11	-449.26	4,132.24	0.63	0.01	-0.63
15,512.00	90.16	356.52	11,472.33	4,212.92	-455.17	4,227.21	0.19	0.01	0.19
15,606.00	90.24	357.19	11,472.00	4,306.78	-460.33	4,321.20	0.72	0.09	0.71
15,701.00	90.19	356.95	11,471.64	4,401.66	-465.18	4,416.19	0.26	-0.05	-0.25
15,796.00	90.11	357.17	11,471.39	4,496.53	-470.06	4,511.18	0.25	-0.08	0.23
15,890.00	90.22	354.94	11,471.12	4,590.30	-476.52	4,605.13	2.38	0.12	-2.37
15,984.00	90.24	355.12	11,470.74	4,683.95	-484.67	4,699.02	0.19	0.02	0.19
16,079.00	90.05	354.04	11,470.50	4,778.52	-493.64	4,793.87	1.15	-0.20	-1.14
16,174.00	90.13	354.95	11,470.35	4,873.08	-502.75	4,888.71	0.96	0.08	0.96
16,269.00	90.21	354.97	11,470.07	4,967.71	-511.10	4,983.59	0.09	0.08	0.02
16,364.00	90.19	354.74	11,469.74	5,062.33	-519.62	5,078.46	0.24	-0.02	-0.24
16,405.44	90.20	354.71	11,469.60	5,103.59	-523.43	5,119.84	0.08	0.02	-0.07



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
SL: 16405.44' MD, 90.20° Inc									
16,459.00	90.21	354.67	11,469.41	5,156.92	-528.39	5,173.32	0.08	0.02	-0.07
16,551.00	90.16	354.31	11,469.11	5,248.50	-537.22	5,265.16	0.40	-0.05	-0.39
16,646.00	89.93	354.50	11,469.04	5,343.05	-546.48	5,359.99	0.31	-0.24	0.20
16,741.00	90.10	355.14	11,469.01	5,437.66	-555.06	5,454.86	0.70	0.18	0.67
16,836.00	90.11	358.58	11,468.84	5,532.50	-560.26	5,549.84	3.62	0.01	3.62
16,930.00	90.08	358.69	11,468.68	5,626.47	-562.50	5,643.83	0.12	-0.03	0.12
17,025.00	90.27	359.85	11,468.39	5,721.46	-563.71	5,738.79	1.24	0.20	1.22
17,120.00	90.07	1.23	11,468.11	5,816.46	-562.82	5,833.68	1.47	-0.21	1.45
17,207.00	90.10	1.27	11,467.98	5,903.44	-560.92	5,920.53	0.06	0.03	0.05
17,302.00	90.14	1.41	11,467.78	5,998.41	-558.70	6,015.35	0.15	0.04	0.15
17,396.00	90.21	1.13	11,467.50	6,092.39	-556.61	6,109.18	0.31	0.07	-0.30
17,491.00	90.24	0.74	11,467.12	6,187.37	-555.06	6,204.03	0.41	0.03	-0.41
17,586.00	90.02	1.04	11,466.91	6,282.36	-553.59	6,298.90	0.39	-0.23	0.32
17,681.00	90.11	359.85	11,466.80	6,377.36	-552.85	6,393.80	1.26	0.09	-1.25
17,776.00	90.30	359.04	11,466.46	6,472.35	-553.77	6,488.76	0.88	0.20	-0.85
17,871.00	90.14	359.13	11,466.09	6,567.34	-555.29	6,583.73	0.19	-0.17	0.09
17,966.00	90.13	359.14	11,465.87	6,662.33	-556.72	6,678.71	0.01	-0.01	0.01
18,060.00	89.93	358.71	11,465.82	6,756.31	-558.48	6,772.69	0.50	-0.21	-0.46
18,155.00	89.47	358.88	11,466.32	6,851.29	-560.48	6,867.67	0.52	-0.48	0.18
18,250.00	89.74	359.03	11,466.97	6,946.27	-562.21	6,962.65	0.33	0.28	0.16
18,345.00	89.04	359.18	11,467.99	7,041.25	-563.70	7,057.62	0.75	-0.74	0.16
18,440.00	89.67	358.79	11,469.05	7,136.23	-565.38	7,152.60	0.78	0.66	-0.41
18,534.00	89.41	359.16	11,469.81	7,230.21	-567.06	7,246.57	0.48	-0.28	0.39
18,629.00	89.74	358.63	11,470.51	7,325.19	-568.89	7,341.55	0.66	0.35	-0.56
18,723.00	89.85	358.91	11,470.85	7,419.17	-570.91	7,435.54	0.32	0.12	0.30
18,818.00	89.73	358.72	11,471.20	7,514.15	-572.88	7,530.52	0.24	-0.13	-0.20
18,913.00	89.94	358.84	11,471.47	7,609.12	-574.90	7,625.51	0.25	0.22	0.13
19,008.00	90.73	0.29	11,470.92	7,704.12	-575.62	7,720.46	1.74	0.83	1.53
19,102.00	89.28	359.07	11,470.91	7,798.11	-576.15	7,814.41	2.02	-1.54	-1.30
19,197.00	89.14	358.40	11,472.22	7,893.08	-578.24	7,909.38	0.72	-0.15	-0.71
19,292.00	89.65	359.49	11,473.22	7,988.06	-579.99	8,004.36	1.27	0.54	1.15
19,387.00	89.33	358.82	11,474.07	8,083.04	-581.39	8,099.33	0.78	-0.34	-0.71
19,481.00	89.21	358.59	11,475.26	8,177.01	-583.52	8,193.31	0.28	-0.13	-0.24
19,576.00	90.38	358.46	11,475.60	8,271.97	-585.96	8,288.30	1.24	1.23	-0.14
19,670.00	88.60	358.42	11,476.44	8,365.93	-588.52	8,382.29	1.89	-1.89	-0.04
19,765.00	88.42	358.52	11,478.91	8,460.87	-591.06	8,477.25	0.22	-0.19	0.11
19,860.00	88.74	358.88	11,481.27	8,555.81	-593.21	8,572.21	0.51	0.34	0.38
19,954.00	88.25	358.55	11,483.73	8,649.76	-595.32	8,666.16	0.63	-0.52	-0.35
20,049.00	88.96	358.35	11,486.05	8,744.69	-597.89	8,761.13	0.78	0.75	-0.21
20,143.00	88.60	0.76	11,488.05	8,838.66	-598.62	8,855.06	2.59	-0.38	2.56
20,238.00	88.96	1.50	11,490.07	8,933.62	-596.74	8,949.88	0.87	0.38	0.78
20,333.00	89.30	1.35	11,491.51	9,028.58	-594.38	9,044.68	0.39	0.36	-0.16



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
20,427.00	90.05	0.88	11,492.05	9,122.56	-592.55	9,138.52	0.94	0.80	-0.50
20,522.00	90.07	0.95	11,491.95	9,217.55	-591.04	9,233.38	0.08	0.02	0.07
20,617.00	90.34	0.75	11,491.61	9,312.54	-589.63	9,328.25	0.35	0.28	-0.21
20,712.00	89.67	1.60	11,491.60	9,407.52	-587.68	9,423.08	1.14	-0.71	0.89
20,806.00	89.59	1.19	11,492.21	9,501.49	-585.39	9,516.89	0.44	-0.09	-0.44
20,901.00	89.48	0.87	11,492.98	9,596.47	-583.68	9,611.74	0.36	-0.12	-0.34
20,996.00	89.68	0.93	11,493.67	9,691.45	-582.19	9,706.60	0.22	0.21	0.06
21,090.00	89.50	1.56	11,494.35	9,785.43	-580.15	9,800.43	0.70	-0.19	0.67
21,185.00	89.71	1.08	11,495.00	9,880.40	-577.96	9,895.25	0.55	0.22	-0.51
21,280.00	89.68	1.44	11,495.51	9,975.37	-575.87	9,990.08	0.38	-0.03	0.38
21,375.00	89.39	0.91	11,496.28	10,070.35	-573.92	10,084.91	0.64	-0.31	-0.56
21,470.00	89.51	1.15	11,497.19	10,165.33	-572.22	10,179.76	0.28	0.13	0.25
21,564.00	89.10	0.48	11,498.33	10,259.31	-570.88	10,273.62	0.84	-0.44	-0.71
21,659.00	88.79	359.71	11,500.08	10,354.30	-570.72	10,368.53	0.87	-0.33	-0.81
21,664.23	88.78	359.68	11,500.19	10,359.53	-570.75	10,373.75	0.63	-0.24	-0.58
SL: 21664.23' MD, 88.78° Inc									
21,754.00	88.56	359.16	11,502.28	10,449.27	-571.66	10,463.46	0.63	-0.24	-0.58
21,848.00	89.21	359.22	11,504.11	10,543.24	-572.99	10,557.42	0.69	0.69	0.06
21,943.00	89.61	359.19	11,505.08	10,638.22	-574.30	10,652.39	0.42	0.42	-0.03
22,037.00	89.68	358.86	11,505.67	10,732.21	-575.90	10,746.36	0.36	0.07	-0.35
22,132.00	90.01	358.68	11,505.92	10,827.19	-577.94	10,841.35	0.40	0.35	-0.19
22,227.00	89.00	358.85	11,506.74	10,922.16	-579.99	10,936.33	1.08	-1.06	0.18
22,322.00	88.56	358.92	11,508.77	11,017.12	-581.84	11,031.29	0.47	-0.46	0.07
22,417.00	88.42	358.90	11,511.27	11,112.07	-583.65	11,126.24	0.15	-0.15	-0.02
22,511.00	89.36	359.47	11,513.09	11,206.04	-584.98	11,220.20	1.17	1.00	0.61
22,606.00	90.01	358.66	11,513.61	11,301.03	-586.53	11,315.17	1.09	0.68	-0.85
22,700.00	90.10	358.87	11,513.52	11,395.00	-588.56	11,409.16	0.24	0.10	0.22
22,795.00	90.56	359.04	11,512.98	11,489.99	-590.29	11,504.14	0.52	0.48	0.18
22,890.00	90.21	358.70	11,512.34	11,584.97	-592.16	11,599.12	0.51	-0.37	-0.36
22,985.00	89.07	0.69	11,512.93	11,679.96	-592.67	11,694.06	2.41	-1.20	2.09
23,079.00	90.16	0.92	11,513.57	11,773.94	-591.35	11,787.93	1.19	1.16	0.24
23,174.00	90.48	1.59	11,513.04	11,868.92	-589.27	11,882.75	0.78	0.34	0.71
23,268.00	90.10	1.20	11,512.56	11,962.89	-586.98	11,976.57	0.58	-0.40	-0.41
23,363.00	89.53	0.90	11,512.87	12,057.87	-585.24	12,071.42	0.68	-0.60	-0.32
23,458.00	90.70	1.27	11,512.68	12,152.85	-583.44	12,166.26	1.29	1.23	0.39
23,553.00	91.93	1.76	11,510.50	12,247.79	-580.93	12,261.04	1.39	1.29	0.52
23,647.00	90.02	1.12	11,508.90	12,341.74	-578.57	12,354.83	2.14	-2.03	-0.68
23,742.00	89.88	1.22	11,508.98	12,436.72	-576.63	12,449.67	0.18	-0.15	0.11
23,837.00	90.36	1.32	11,508.78	12,531.70	-574.52	12,544.49	0.52	0.51	0.11
23,932.00	89.47	0.88	11,508.92	12,626.68	-572.70	12,639.34	1.05	-0.94	-0.46
24,026.00	89.67	0.94	11,509.63	12,720.67	-571.21	12,733.20	0.22	0.21	0.06
24,121.00	91.02	1.88	11,509.05	12,815.63	-568.87	12,828.00	1.73	1.42	0.99
24,216.00	89.53	359.60	11,508.60	12,910.62	-567.64	12,922.87	2.87	-1.57	-2.40
24,311.00	88.68	357.09	11,510.08	13,005.56	-570.38	13,017.85	2.79	-0.89	-2.64



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

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)
24,405.00	90.18	357.01	11,511.02	13,099.42	-575.22	13,111.83	1.60	1.60	-0.09
24,500.00	89.70	358.50	11,511.12	13,194.35	-578.94	13,206.83	1.65	-0.51	1.57
24,595.00	89.84	358.59	11,511.50	13,289.32	-581.36	13,301.82	0.18	0.15	0.09
24,690.00	88.93	357.86	11,512.52	13,384.26	-584.30	13,396.81	1.23	-0.96	-0.77
24,785.00	89.47	356.87	11,513.84	13,479.15	-588.67	13,491.80	1.19	0.57	-1.04
24,880.00	91.25	354.53	11,513.25	13,573.87	-595.79	13,586.72	3.09	1.87	-2.46
24,975.00	88.84	352.50	11,513.17	13,668.25	-606.52	13,681.44	3.32	-2.54	-2.14
25,069.00	89.42	0.12	11,514.60	13,761.98	-612.56	13,775.33	8.13	0.62	8.11
25,165.00	89.41	3.76	11,515.58	13,857.90	-609.31	13,871.06	3.79	-0.01	3.79
25,260.00	92.46	4.31	11,514.03	13,952.64	-602.63	13,965.47	3.26	3.21	0.58
25,355.00	91.18	2.74	11,511.02	14,047.41	-596.79	14,059.95	2.13	-1.35	-1.65
25,450.00	89.90	0.88	11,510.12	14,142.35	-593.79	14,154.71	2.38	-1.35	-1.96
25,545.00	90.05	1.16	11,510.16	14,237.34	-592.10	14,249.56	0.33	0.16	0.29
25,640.00	89.87	0.31	11,510.23	14,332.33	-590.88	14,344.44	0.91	-0.19	-0.89
25,735.00	90.28	1.71	11,510.10	14,427.31	-589.21	14,439.29	1.54	0.43	1.47
25,830.00	90.67	1.63	11,509.32	14,522.27	-586.44	14,534.07	0.42	0.41	-0.08
25,924.00	90.16	0.54	11,508.64	14,616.25	-584.66	14,627.91	1.28	-0.54	-1.16
26,019.00	90.02	0.09	11,508.49	14,711.24	-584.13	14,722.82	0.50	-0.15	-0.47
26,114.00	91.19	0.23	11,507.48	14,806.24	-583.87	14,817.73	1.24	1.23	0.15
26,209.00	89.88	358.70	11,506.60	14,901.22	-584.76	14,912.68	2.12	-1.38	-1.61
26,304.00	90.07	358.13	11,506.64	14,996.19	-587.38	15,007.68	0.63	0.20	-0.60
26,494.00	90.10	358.34	11,506.36	15,186.10	-593.24	15,197.67	0.11	0.02	0.11
26,589.00	91.12	0.21	11,505.34	15,281.08	-594.44	15,292.63	2.24	1.07	1.97
26,684.00	90.07	358.42	11,504.36	15,376.06	-595.57	15,387.59	2.18	-1.11	-1.88
26,795.00	90.36	359.16	11,503.94	15,487.03	-597.92	15,498.57	0.72	0.26	0.67
Final Phoenix MWD Survey									
26,867.79	90.36	359.16	11,503.48	15,559.81	-598.99	15,571.34	0.00	0.00	0.00
LTP: 26867.79' MD, 90.36° Inc									
26,920.00	90.36	359.16	11,503.16	15,612.02	-599.75	15,623.53	0.00	0.00	0.00
Projection to TD									



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Nimitz MDP1 13_1 Fed Com 312H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3500.00usft (H&P 479)
Site:	Nimitz MDP1 13_1	MD Reference:	RKB @ 3500.00usft (H&P 479)
Well:	Nimitz MDP1 13_1 Fed Com 312H	North Reference:	Grid
Wellbore:	OH / 72234	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USAEDMDB

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,728.00	10,695.27	-83.41	-428.56	Tie In
10,850.00	10,815.07	-90.52	-450.47	First Phoenix MWD Survey
10,949.61	10,910.28	-80.30	-476.22	FTP: 10949.61' MD, 23.36° Inc
16,405.44	11,469.60	5,103.59	-523.43	SL: 16405.44' MD, 90.20° Inc
21,664.23	11,500.19	10,359.53	-570.75	SL: 21664.23' MD, 88.78° Inc
26,795.00	11,503.94	15,487.03	-597.92	Final Phoenix MWD Survey
26,867.79	11,503.48	15,559.81	-598.99	LTP: 26867.79' MD, 90.36° Inc
26,920.00	11,503.16	15,612.02	-599.75	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: NIMITZ MDP1 13_1 FEDERAL COM	Well Location: T24S / R30E / SEC 13 / SWSE / 32.2109947 / -103.8331956	County or Parish/State: EDDY / NM
Well Number: 312H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120897	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548590	Well Status: Producing Oil Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2747417

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/22/2023

Date Operation Actually Began: 06/24/2023

Type of Action: Workover Operations

Time Sundry Submitted: 02:08

Actual Procedure: RUPU 06/24/23, RIH & clean out to PBTD @ 26875', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 11600-26760' Total 3114 holes. Frac in 62 stages w/ 520716BBL Produced Water w/ 37973623# sand, RD NexTier 07/20/23. Well ready to produce 07/31/23. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 11/30/2023.

Received by OCD: 9/12/2023 8:37:01 AM

Page 16 of 22

Well Name: NIMITZ MDP1 13_1 FEDERAL COM	Well Location: T24S / R30E / SEC 13 / SWSE / 32.2109947 / -103.8331956	County or Parish/State: EDDY / NM
Well Number: 312H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120897	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548590	Well Status: Producing Oil 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: AUG 22, 2023 02:07 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: 08/22/2023
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										
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)						5. Lease Name or Unit Agreement Name NIMITZ MDP1 13-1 FEDERAL COM 6. Well Number: 312H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
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:	O	13	24S	30E		179	SOUTH	2475	EAST	EDDY
BH:	L 3	1	24S	30E		48	NORTH	2337	WEST	EDDY
13. Date Spudded 1/13/23	14. Date T.D. Reached 6/12/2023		15. Date Rig Released 6/17/2023		16. Date Completed (Ready to Produce) 7/31/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3475' GL			
18. Total Measured Depth of Well 26920'M 11503'V			19. Plug Back Measured Depth 26875'M 11503'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 11600-26760' 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		787'		14.75"		760sx-surf circ		
7.625" HCL80		26.4		10747'		9.875"		2693sx-surf		
5.5" P110 ICY		20		26900'		6.75"		1237sx-TOC@8428'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD		
								SIZE		DEPTH SET
										PACKER SET
26. Perforation record (interval, size, and number) 11600-26760' Total 3114 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11600-26760'		520716BBL Produced Water w/ 37973623# sand		
28. PRODUCTION										
Date First Production 08/4/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) Prod.				
Date of Test 08/24/2023	Hours Tested 24 hrs.	Choke Size 76/128	Prod'n For Test Period	Oil - Bbl 3124	Gas - MCF 5669	Water - Bbl. 8635		Gas - Oil Ratio 1815		
Flow Tubing Press.	Casing Pressure 2376	Calculated 24- Hour Rate	Oil - Bbl. 3124	Gas - MCF 5669	Water - Bbl. 8635		Oil Gravity - API - (Corr.)			
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 Printed										
Signature: <i>Jana Mendiola</i>		Name: <u>Jana Mendiola</u>			Title: <u>Sr. Regulatory Analyst</u>			Date: <u>09/11/2023</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 533'	T. Bell Canyon 4214'	T. Ojo Alamo	T. Penn A"
T. Salado 877'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2266'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4162'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5159'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6343'	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 Spring 8038'	T. Todilto	
T. Abo	T. 1 st Bone Spring 9036'	T. Entrada	
T. Wolfcamp 11538'	T. 2 nd Bone Spring 9748'	T. Wingate	
T. Penn	T. 3 rd Bone Spring 11032'	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.

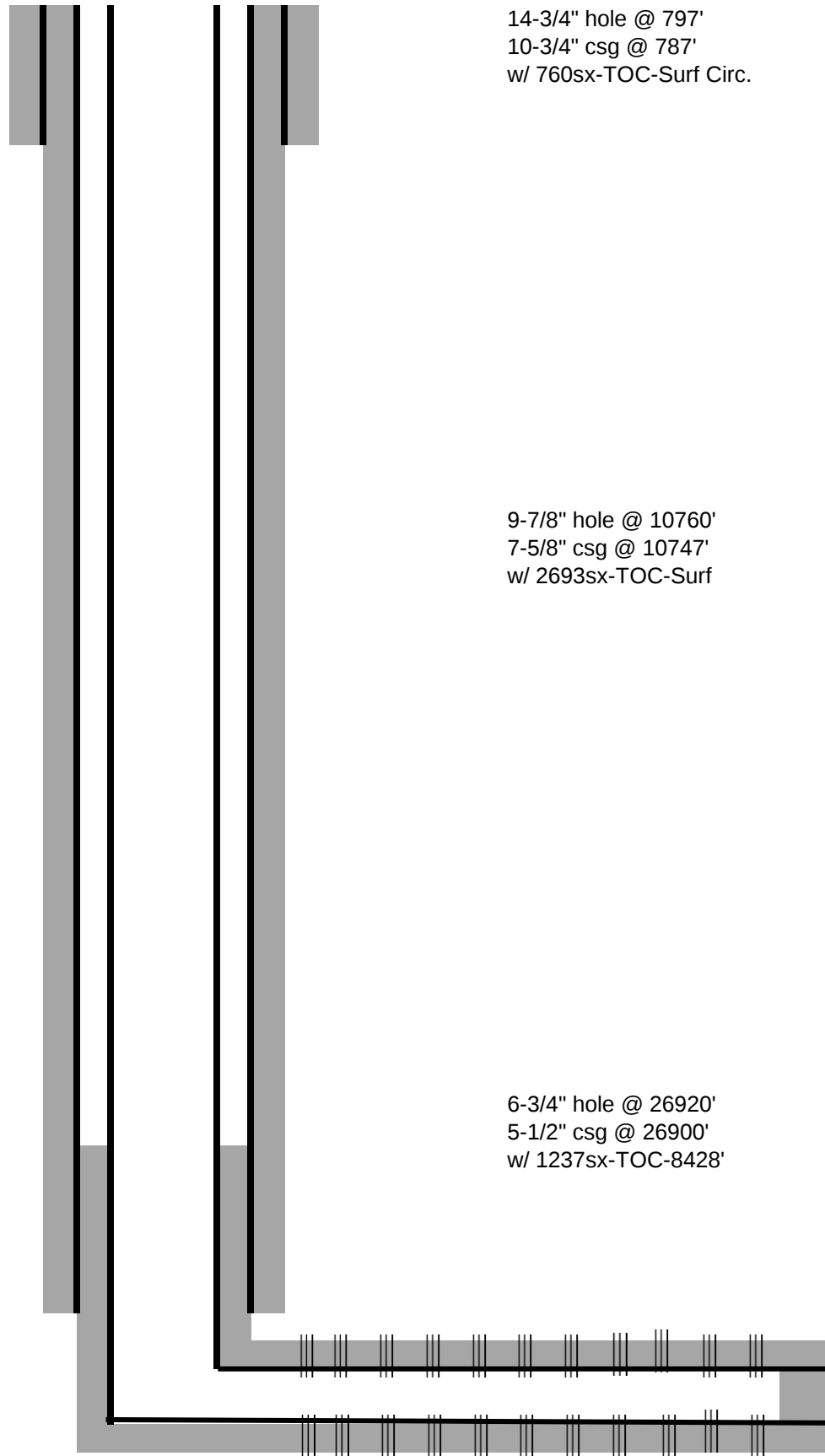
No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

(Attach additional sheets if necessary)

From	To	Thickness In Feet	Lithology

OXY USA Inc.
NIMITZ MDP1 13-1 FEDERAL COM 312H
API No. 30-015-48590



Perfs @ 11600-26760'

TD- 26920'M 11503'V

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 264221

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 264221
	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 264221

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 264221
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	10/4/2023