

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

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 - 02/14/2024
⁴ API Number 30 – 015-54097	⁵ Pool Name COTTON DRAW; BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 334580	⁸ Property Name: CHUCK SMITH MDP1 8-17 FEDERAL COM	⁹ Well Number: 22H

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
N	5	24S	31E		280	SOUTH	1335	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 691' FNL 1549' FWL LTP- 183' FSL 1448' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	24S	31E		46	SOUTH	1452	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 02/16/24		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 10/16/23	²² Ready Date 02/14/2024	²³ TD 21070'M 10666'V	²⁴ PBTD 21025'M 10665'V	²⁵ Perforations 11233-20933'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14-3/4"		10-3/4"		900'	895
9-7/8"		7-5/8"		11169'	2994
6-3/4"		5-1/2"		21050'	892
		2-3/8" tbg		10361'	na

V. Well Test Data

³¹ Date New Oil 02/17/24	³² Gas Delivery Date 02/16/24	³³ Test Date 03/02/24	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 706
³⁷ Choke Size 100	³⁸ Oil 3156	³⁹ Water 3098	⁴⁰ Gas 3471		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: REGULATORY ADVISOR

E-mail Address:
Janalyn_mendiola@oxy.comDate: 05/01/2024
Phone: 422-695-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 9/13/2024

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

AMENDED REPORT

¹ API Number 30-015-54097		² Pool Code 13367	³ Pool Name COTTON DRAW; BONE SPRING	
⁴ Property Code 334580	⁵ Property Name CHUCK SMITH MDPI 8_17 FED COM			⁶ Well Number 22H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.			⁹ Elevation 3477'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	24S	31E		280	SOUTH	1335	WEST	EDDY

UL or lot no. N	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 46	North/South line SOUTH	Feet from the 1452	East/West line WEST	County EDDY
¹² Dedicated Acres 640.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

SHL (NAD83)
X:704976.76' / Y:451406.29'
LAT:32.23988334 / LON:-103.80406507

SHL (NAD27)
X:663792.88' / Y:451347.25'
LAT:32.23976017 / LON:-103.80358031

KOP (NAD83)
X:705059.99' / Y:451309.77'
LAT:32.23961690 / LON:-103.80379743

KOP (NAD27)
X:663876.11' / Y:451250.73'
LAT:32.23949372 / LON:-103.80331268

PPP-1 (NAD83)
X:705183.47' / Y:451127.50'
LAT:32.23911421 / LON:-103.80340097

PPP-1 (NAD27)
X:663999.58' / Y:451068.46'
LAT:32.23899102 / LON:-103.80291626

FTP (NAD83)
X:705194.65' / Y:450437.00'
LAT:32.23721602 / LON:-103.80337583

FTP (NAD27)
X:664010.73' / Y:450377.98'
LAT:32.23709281 / LON:-103.80289121

PPP-2 (NAD83)
X:705164.57' / Y:445844.37'
LAT:32.22459227 / LON:-103.80354637

PPP-2 (NAD27)
X:663980.48' / Y:445785.47'
LAT:32.22446899 / LON:-103.80306238

LTP (NAD83)
X:705137.78' / Y:440745.15'
LAT:32.21057595 / LON:-103.80371427

LTP (NAD27)
X:663953.52' / Y:440686.35'
LAT:32.21045249 / LON:-103.80323088

BHL (NAD83)
X:705141.92' / Y:440608.23'
LAT:32.21019952 / LON:-103.80370306

BHL (NAD27)
X:663957.66' / Y:440549.43'
LAT:32.21007606 / LON:-103.80321969

SHL
FSL 280'
FWL 1335'
M.D. 0'

KOP
96' SOUTH OF SHL
83' EAST OF SHL
FSL 183'
FWL 1418'
M.D. 9981'

FTP
969' SOUTH OF SHL
218' EAST OF SHL
FNL 691'
FWL 1549'
M.D. 11233'

Nearest
M.D. 11233'
1090' FEL TO LEASE

Furthest
M.D. 13684'
1198' FEL TO LEASE

PPP-1
279' SOUTH OF SHL
207' EAST OF SHL
FSL 0'
FWL 1541'
M.D. 10471'

PPP-2
5562' SOUTH OF SHL
188' EAST OF SHL
FSL 0'
FWL 1498'
M.D. 15831'

LTP
10661' SOUTH OF SHL
161' EAST OF SHL
FSL 183'
FWL 1448'
M.D. 20933'

BHL
10798' SOUTH OF SHL
165' EAST OF SHL
FSL 46'
FWL 1452'
M.D. 21070'

SHL
FSL 280'
FWL 1335'
M.D. 0'

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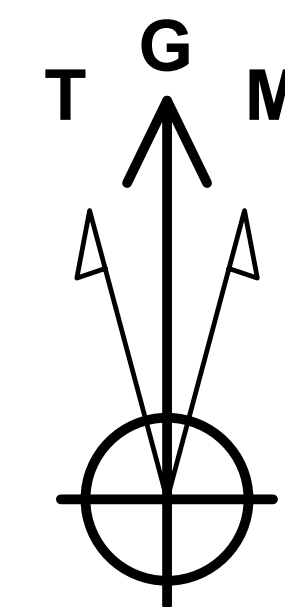
SHL
FSL 280'
FWL



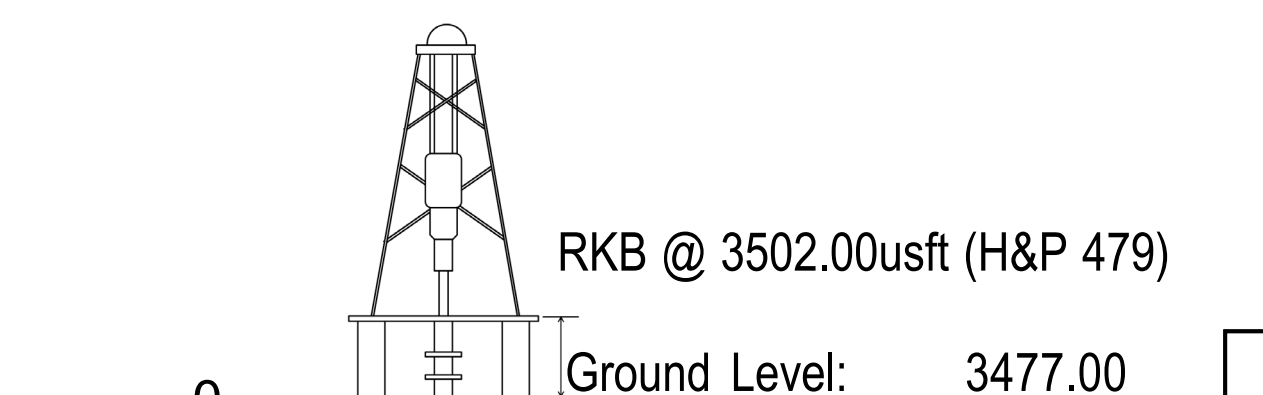
Project: Eddy County, NM (NAD83-NME)
Site: Chuck Smith MDP1 8_17
Well: Chuck Smith MDP1 8 17 Federal Com 22H
Wellbore: OH / 73717
Design: Plan 3 12-18-23
Rig: H&P 479



PHOENIX
TECHNOLOGY SERVICES

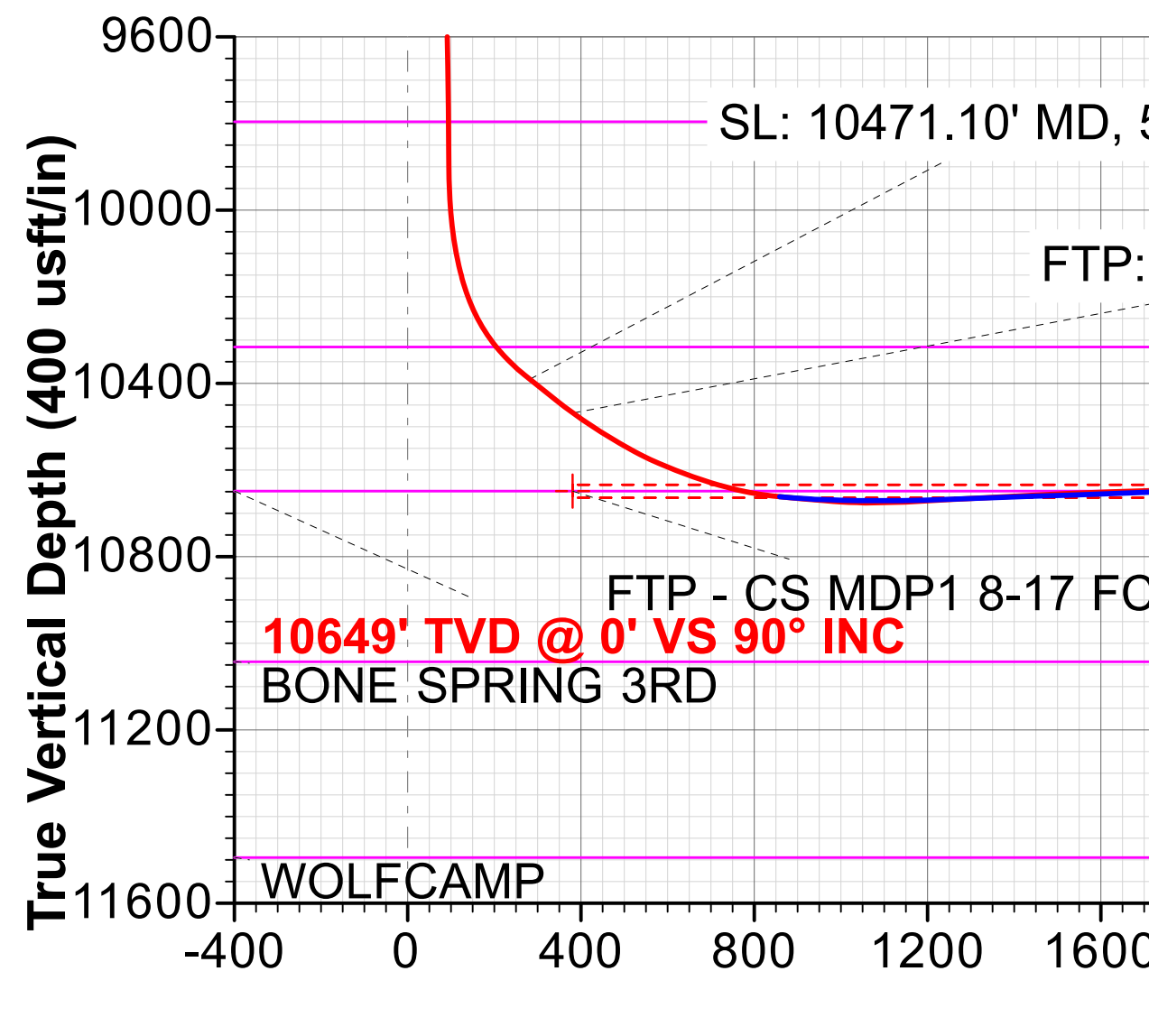
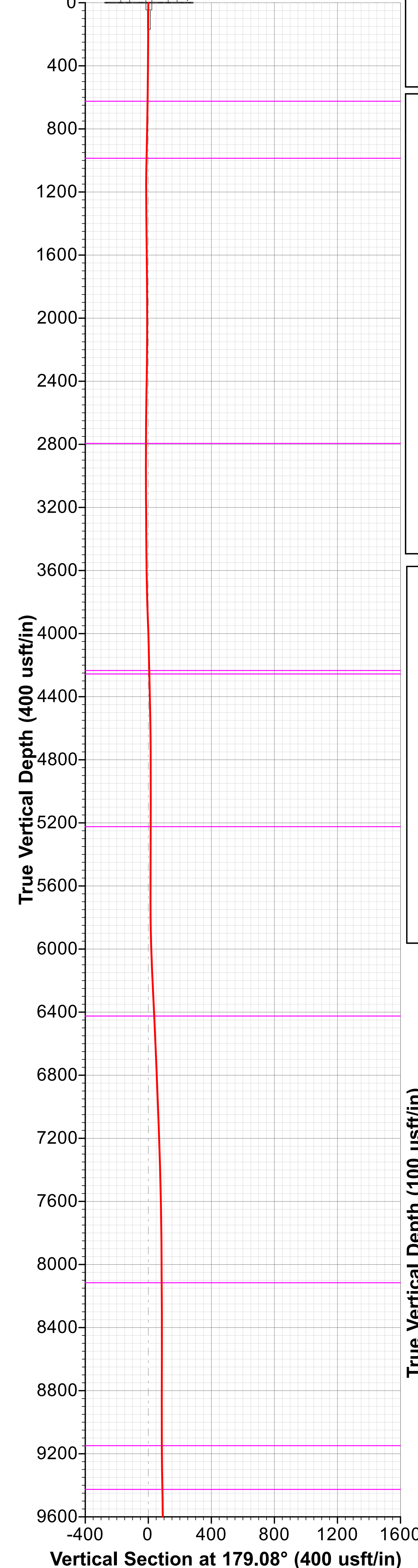


Azimuths to Grid North
True North: -0.28°
Magnetic North: 6.27°
Magnetic Field
Strength: 47480.7nT
Dip Angle: 59.83°
Date: 11/18/2023
Model: IFR



RKB @ 3502.00usft (H&P 479)

Ground Level: 3477.00

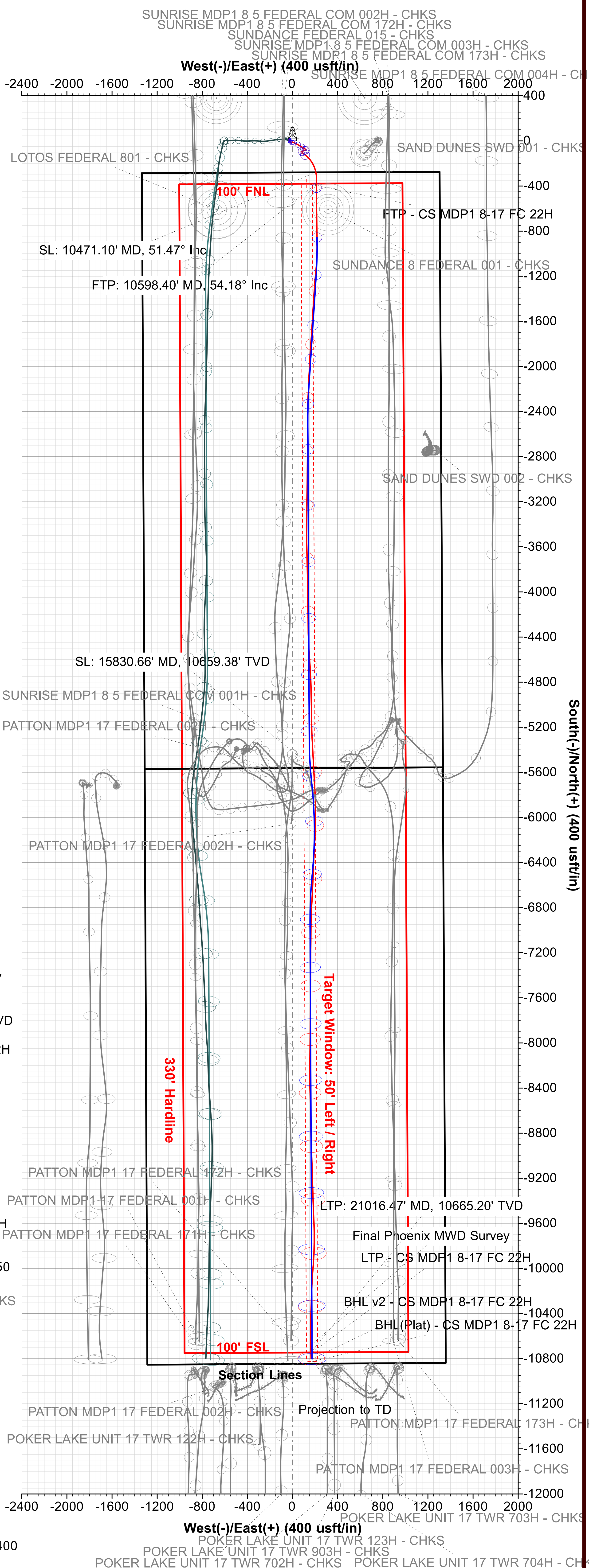
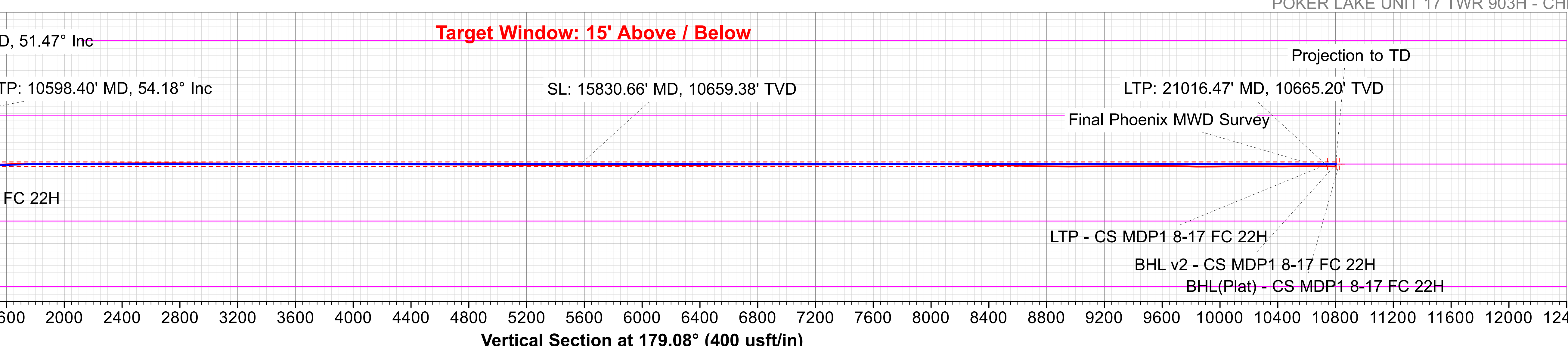
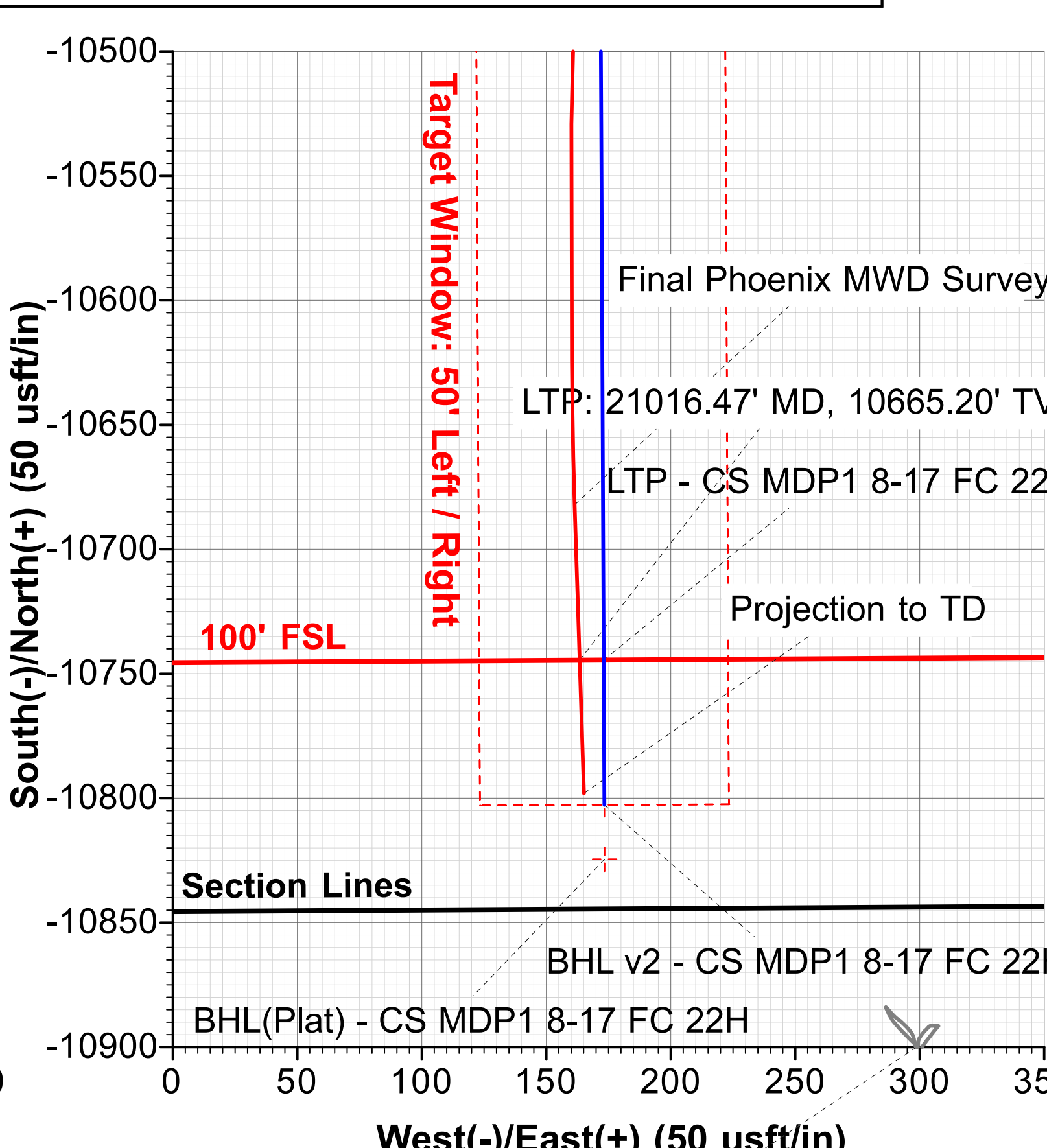
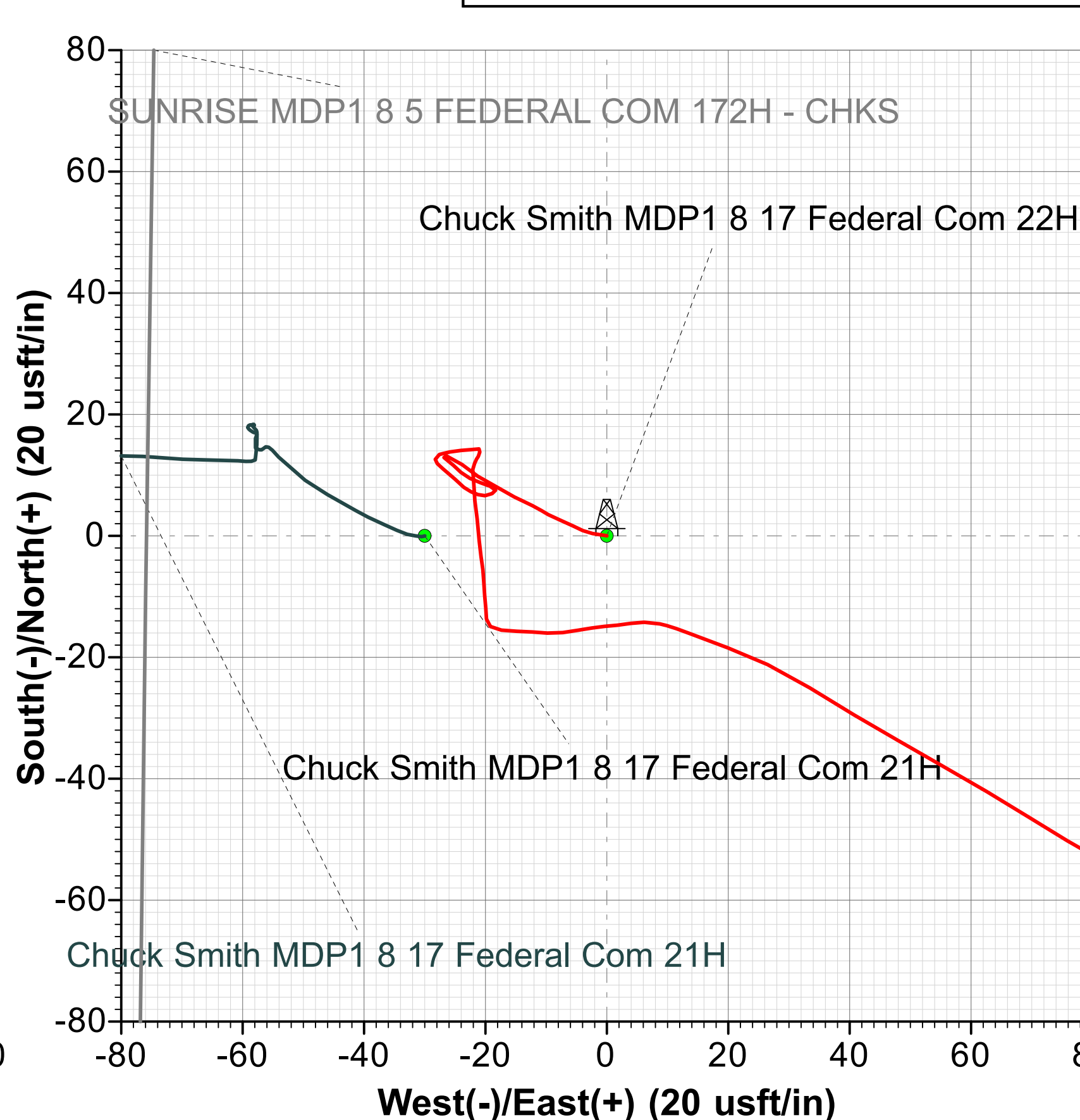
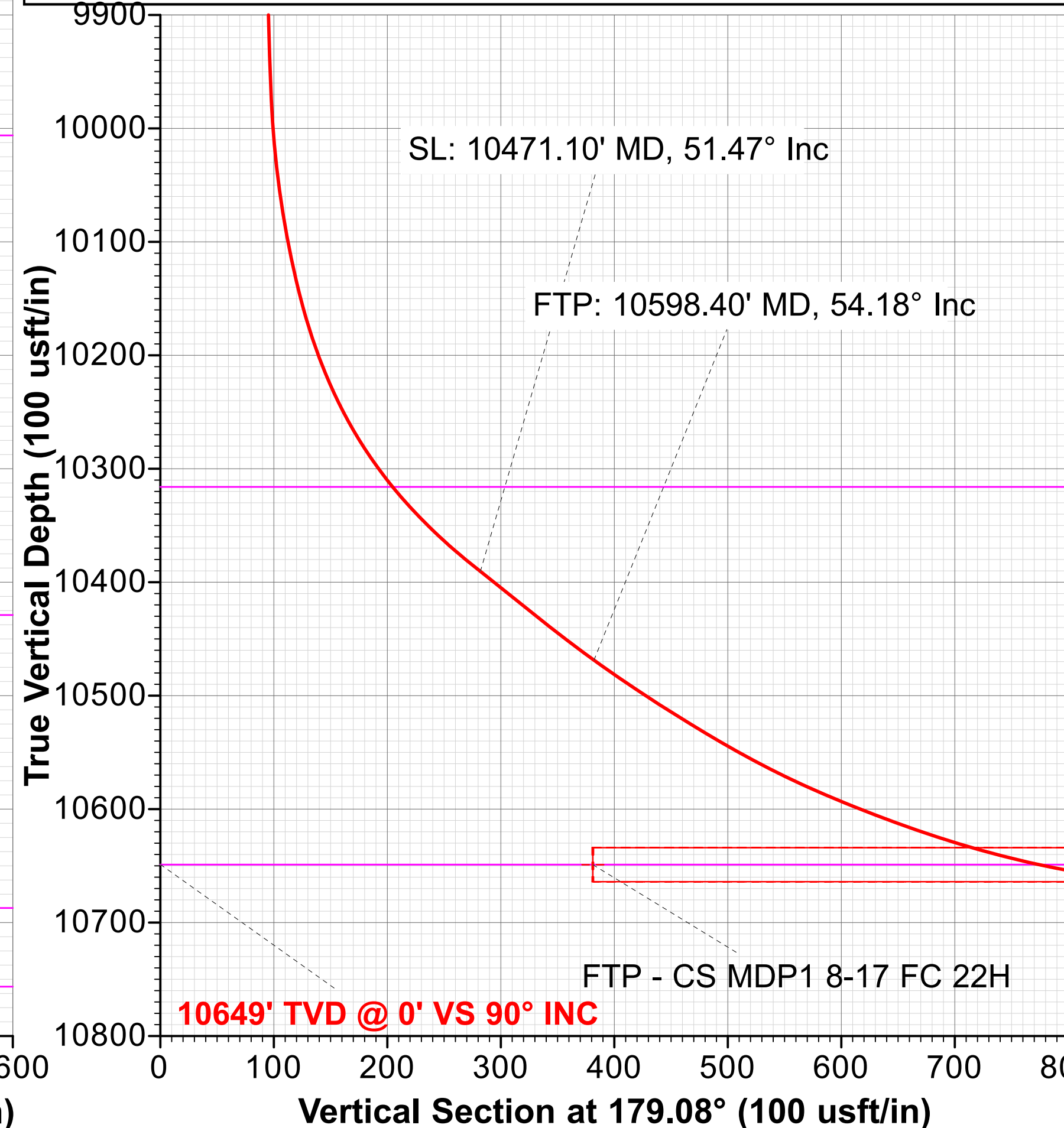


WELL DETAILS										
Ground Level: 3477.00										
	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
	0.00	0.00	451406.29	704976.76	32° 14' 23.580042 N	103° 48' 14.634265 W				

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	11119.00	84.81	179.25	10661.95	-855.72	217.34	0.00	0.000	859.10	Annotation
2	11183.00	86.70	179.58	10666.69	-919.54	218.00	3.00	9.890	922.92	Plan Tie In
3	11452.47	92.00	183.74	10669.75	-1188.73	210.19	2.50	38.176	1191.94	PTB, Begin 2.50°/100' Build & Turn
4	11980.23	92.00	183.74	10651.33	-1715.04	175.78	0.00	0.000	1717.63	Hold 92.00° Inc at 183.74° Azm
5	12113.56	90.00	183.74	10649.00	-1848.06	167.08	1.50	180.000	1850.50	Begin 1.50°/100' Drop
6	12471.45	90.00	183.74	10649.00	-2205.19	143.74	0.00	0.000	2207.21	Hold 90.00° Inc
7	12738.12	90.00	179.74	10649.00	-2471.68	135.64	1.50	-90.000	2473.53	Begin 1.50°/100' Turn
8	15573.12	90.00	179.74	10649.00	-5306.65	148.48	0.00	0.000	5308.35	Hold 179.74° Azm
9	15973.12	90.00	173.74	10649.00	-5705.82	171.21	1.50	-90.000	5707.83	Begin 1.50°/100' Turn
10	16773.12	90.00	185.74	10649.00	-6504.35	174.83	1.50	90.000	6506.32	Begin 1.50°/100' Turn
11	17173.13	90.00	179.74	10649.00	-6903.72	155.71	1.50	-90.000	6905.33	Hold 179.74° Azm
12	21072.13	90.00	179.74	10649.00	-10802.68	173.37	0.00	0.000	10804.07	TD at 21072.13

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
625.00	625.12	RUSTLER	
986.00	986.34	SALADO	
2794.00	2794.69	CASTILE	
4234.00	4234.99	DELAWARE	
4256.00	4256.99	BELL CANYON	
5224.00	5225.26	CHERRY CANYON	
6425.00	6428.45	BRUSHY CANYON	
8116.00	8122.19	BONE SPRING	
9149.00	9155.34	BONE SPRING 1ST	
9426.00	9432.44	Second Bone Spring Limestone	
9796.00	9802.63	BONE SPRING 2ND	
10316.00	10360.13	Third Bone Spring Limestone	
10649.00	11033.06	10649' TVD @ 0° VS 90° INC	

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone
Local Origin: Well Chuck Smith MDP1 8 17 Federal Com 22H, Grid North
Latitude: 32° 14' 23.580042 N
Longitude: 103° 48' 14.634265 W
Grid East: 704976.76
Grid North: 451406.29
Scale Factor: 1.000
Geomagnetic Model: IFR
Sample Date: 18-Nov-23
Magnetic Declination: 6.555°
Dip Angle from Horizontal: 59.835°
Magnetic Field Strength: 47480.70000000nT
To convert a Magnetic Direction to a Grid Direction, Add 6.273°
To convert a Magnetic Direction to a True Direction, Add 6.555° East
To convert a True Direction to a Grid Direction, Subtract 0.282°



South(-)/North(+) (400 usft/in)

Date: 13:43, January 08 2024



OXY USA INC.

Eddy County, NM (NAD83-NME)

Chuck Smith MDP1 8_17

Chuck Smith MDP1 8 17 Federal Com 22H

3001554097

OH / 73717

Design: Surveys (H&P 479)

Standard Survey Report

08 January, 2024





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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	Chuck Smith MDP1 8_17		
Site Position:		Northing:	451,406.29 usft
From:	Map	Easting:	704,946.76 usft
Position Uncertainty:	0.90 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 23.581505 N
		Longitude:	103° 48' 14.983563 W

Well	Chuck Smith MDP1 8 17 Federal Com 22H		
Well Position	+N/-S	0.00 usft	Northing: 451,406.29 usft
	+E/-W	0.00 usft	Easting: 704,976.76 usft
Position Uncertainty	1.70 usft	Wellhead Elevation:	usft
Grid Convergence:	0.282 °	Ground Level:	3,477.00 usft

Wellbore	OH / 73717				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	11/18/2023	6.555	59.835	47,480.70000000

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	179.08	

Survey Program		Date	1/8/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
11.00	770.00	GYD Gyro Surveys - Adj Surface (OH / 73	GYD_G001_GC+WIR+DF Gyrodata	Stationary Tool including GyroCompass	
970.00	11,119.00	SLB MWD Surveys - SQC R2 Final (OH /	SQC_C705a_MWD+IFR1 OWSG MWD + IFR1 + Sag + FDIR Correction		
11,223.00	21,070.00	Phoenix MWD Surveys - SQC R3 (OH / 73	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
11.00	0.00	0.00	11.00	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
55.00	0.67	285.31	55.00	0.05	-0.17	-0.05	2.23	2.23	0.00
112.00	0.79	273.39	111.99	0.16	-0.88	-0.17	0.34	0.21	-20.91
206.00	1.02	283.74	205.98	0.39	-2.34	-0.43	0.30	0.24	11.01
300.00	1.03	288.69	299.97	0.86	-3.96	-0.93	0.09	0.01	5.27
394.00	1.26	301.82	393.95	1.68	-5.63	-1.77	0.37	0.24	13.97



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)
488.00	1.27	286.65	487.93	2.52	-7.51	-2.64	0.36	0.01	-16.14
582.00	1.63	301.10	581.90	3.51	-9.65	-3.67	0.54	0.38	15.37
625.12	1.79	299.52	625.00	4.16	-10.76	-4.33	0.39	0.37	-3.66
676.00	1.98	297.98	675.85	4.96	-12.23	-5.16	0.39	0.37	-3.03
770.00	2.05	294.11	769.79	6.41	-15.20	-6.66	0.16	0.07	-4.12
970.00	1.95	305.03	969.67	9.83	-21.25	-10.17	0.20	-0.05	5.46
1,063.00	2.03	308.22	1,062.61	11.76	-23.84	-12.14	0.15	0.09	3.43
1,155.00	1.68	287.54	1,154.57	13.17	-26.41	-13.59	0.81	-0.38	-22.48
1,249.00	1.37	126.57	1,248.56	12.92	-26.82	-13.34	3.20	-0.33	-171.24
1,344.00	1.06	133.39	1,343.53	11.64	-25.27	-12.04	0.36	-0.33	7.18
1,439.00	1.02	133.49	1,438.52	10.45	-24.02	-10.83	0.04	-0.04	0.11
1,533.00	1.12	114.97	1,532.50	9.49	-22.58	-9.85	0.38	0.11	-19.70
1,628.00	1.09	109.26	1,627.48	8.80	-20.88	-9.13	0.12	-0.03	-6.01
1,722.00	1.09	111.81	1,721.47	8.17	-19.21	-8.48	0.05	0.00	2.71
1,817.00	0.37	168.87	1,816.46	7.53	-18.31	-7.82	0.99	-0.76	60.06
1,912.00	0.82	247.95	1,911.46	6.98	-18.88	-7.28	0.88	0.47	83.24
2,007.00	0.68	260.96	2,006.45	6.63	-20.07	-6.95	0.23	-0.15	13.69
2,101.00	0.82	293.94	2,100.44	6.82	-21.23	-7.16	0.47	0.15	35.09
2,196.00	0.66	288.77	2,195.43	7.27	-22.37	-7.63	0.18	-0.17	-5.44
2,290.00	1.02	310.11	2,289.42	7.98	-23.52	-8.36	0.50	0.38	22.70
2,385.00	1.41	314.59	2,384.40	9.35	-25.00	-9.75	0.42	0.41	4.72
2,479.00	1.82	307.75	2,478.36	11.07	-27.01	-11.50	0.48	0.44	-7.28
2,574.00	0.74	355.40	2,573.34	12.61	-28.25	-13.06	1.51	-1.14	50.16
2,669.00	0.88	74.21	2,668.33	13.42	-27.60	-13.86	1.09	0.15	82.96
2,764.00	1.24	78.31	2,763.32	13.83	-25.89	-14.24	0.39	0.38	4.32
2,858.00	1.06	87.66	2,857.30	14.07	-24.02	-14.45	0.28	-0.19	9.95
2,953.00	1.16	82.35	2,952.28	14.23	-22.19	-14.58	0.15	0.11	-5.59
3,048.00	0.23	100.12	3,047.27	14.33	-21.05	-14.66	0.99	-0.98	18.71
3,142.00	0.59	185.32	3,141.27	13.81	-20.91	-14.14	0.65	0.38	90.64
3,237.00	0.37	223.19	3,236.27	13.10	-21.17	-13.44	0.39	-0.23	39.86
3,332.00	0.32	202.50	3,331.27	12.63	-21.48	-12.97	0.14	-0.05	-21.78
3,426.00	0.63	204.76	3,425.26	11.92	-21.79	-12.27	0.33	0.33	2.40
3,521.00	0.66	188.20	3,520.26	10.90	-22.09	-11.26	0.20	0.03	-17.43
3,616.00	0.85	165.49	3,615.25	9.68	-21.99	-10.03	0.37	0.20	-23.91
3,711.00	1.25	182.62	3,710.23	7.96	-21.86	-8.31	0.53	0.42	18.03
3,806.00	1.37	170.92	3,805.21	5.81	-21.73	-6.15	0.31	0.13	-12.32
3,900.00	2.35	173.73	3,899.16	2.78	-21.34	-3.12	1.05	1.04	2.99
3,995.00	1.99	175.69	3,994.09	-0.80	-21.01	0.46	0.39	-0.38	2.06
4,090.00	1.17	169.40	4,089.05	-3.40	-20.71	3.07	0.88	-0.86	-6.62
4,184.00	1.45	174.51	4,183.03	-5.53	-20.41	5.20	0.32	0.30	5.44
4,279.00	1.23	177.61	4,278.00	-7.74	-20.26	7.42	0.24	-0.23	3.26
4,374.00	1.25	174.67	4,372.98	-9.79	-20.12	9.47	0.07	0.02	-3.09
4,469.00	1.26	175.37	4,467.96	-11.86	-19.94	11.54	0.02	0.01	0.74



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)
4,564.00	0.95	176.42	4,562.94	-13.69	-19.80	13.37	0.33	-0.33	1.11
4,658.00	0.90	127.81	4,656.93	-14.92	-19.17	14.61	0.81	-0.05	-51.71
4,753.00	1.50	96.94	4,751.91	-15.53	-17.35	15.25	0.91	0.63	-32.49
4,848.00	1.54	91.81	4,846.87	-15.72	-14.84	15.48	0.15	0.04	-5.40
4,942.00	1.56	93.20	4,940.84	-15.83	-12.30	15.63	0.05	0.02	1.48
5,037.00	1.47	94.99	5,035.81	-16.01	-9.79	15.85	0.11	-0.09	1.88
5,132.00	1.62	82.21	5,130.77	-15.93	-7.25	15.82	0.39	0.16	-13.45
5,227.00	1.44	80.47	5,225.74	-15.55	-4.74	15.48	0.20	-0.19	-1.83
5,322.00	1.32	80.13	5,320.71	-15.17	-2.49	15.13	0.13	-0.13	-0.36
5,416.00	1.21	86.06	5,414.69	-14.91	-0.43	14.91	0.18	-0.12	6.31
5,511.00	1.43	83.74	5,509.66	-14.72	1.75	14.74	0.24	0.23	-2.44
5,605.00	1.29	80.09	5,603.64	-14.41	3.96	14.47	0.18	-0.15	-3.88
5,700.00	1.40	89.99	5,698.61	-14.22	6.17	14.32	0.27	0.12	10.42
5,794.00	1.74	100.42	5,792.57	-14.48	8.72	14.62	0.47	0.36	11.10
5,889.00	4.31	110.87	5,887.43	-16.01	13.48	16.23	2.76	2.71	11.00
5,984.00	4.03	110.28	5,982.18	-18.44	19.95	18.76	0.30	-0.29	-0.62
6,079.00	4.54	115.07	6,076.92	-21.19	26.48	21.61	0.66	0.54	5.04
6,173.00	5.16	122.22	6,170.58	-25.02	33.43	25.55	0.92	0.66	7.61
6,268.00	5.21	120.52	6,265.19	-29.49	40.76	30.14	0.17	0.05	-1.79
6,362.00	5.07	119.92	6,358.81	-33.73	48.03	34.49	0.16	-0.15	-0.64
6,457.00	5.12	119.90	6,453.44	-37.94	55.35	38.82	0.05	0.05	-0.02
6,552.00	5.01	120.09	6,548.07	-42.13	62.61	43.13	0.12	-0.12	0.20
6,646.00	4.73	122.64	6,641.73	-46.28	69.43	47.38	0.38	-0.30	2.71
6,741.00	4.41	120.16	6,736.43	-50.23	75.88	51.43	0.40	-0.34	-2.61
6,836.00	4.34	118.99	6,831.15	-53.80	82.19	55.11	0.12	-0.07	-1.23
6,931.00	4.21	119.99	6,925.89	-57.29	88.35	58.70	0.16	-0.14	1.05
7,025.00	4.13	118.84	7,019.64	-60.64	94.30	62.15	0.12	-0.09	-1.22
7,120.00	4.02	121.80	7,114.40	-64.05	100.13	65.65	0.25	-0.12	3.12
7,309.00	2.67	129.99	7,303.07	-70.37	109.13	72.11	0.76	-0.71	4.33
7,498.00	2.40	131.09	7,491.89	-75.80	115.49	77.64	0.15	-0.14	0.58
7,593.00	1.22	156.23	7,586.84	-78.03	117.40	79.90	1.47	-1.24	26.46
7,782.00	0.54	198.55	7,775.82	-80.72	117.92	82.60	0.47	-0.36	22.39
7,877.00	0.41	204.32	7,870.81	-81.45	117.64	83.33	0.15	-0.14	6.07
7,972.00	0.53	206.75	7,965.81	-82.16	117.30	84.02	0.13	0.13	2.56
8,066.00	0.40	212.41	8,059.81	-82.82	116.93	84.68	0.15	-0.14	6.02
8,161.00	0.46	228.50	8,154.80	-83.35	116.47	85.21	0.14	0.06	16.94
8,255.00	0.38	192.24	8,248.80	-83.91	116.12	85.76	0.29	-0.09	-38.57
8,350.00	0.35	217.55	8,343.80	-84.45	115.88	86.29	0.17	-0.03	26.64
8,444.00	0.09	109.01	8,437.80	-84.70	115.77	86.54	0.41	-0.28	-115.47
8,539.00	0.49	284.77	8,532.80	-84.62	115.45	86.46	0.61	0.42	185.01
8,634.00	0.87	287.40	8,627.79	-84.30	114.37	86.12	0.40	0.40	2.77
8,729.00	1.23	273.79	8,722.78	-84.02	112.66	85.81	0.46	0.38	-14.33
8,823.00	1.32	264.76	8,816.75	-84.05	110.58	85.81	0.23	0.10	-9.61
9,012.00	1.25	271.31	9,005.71	-84.20	106.35	85.89	0.09	-0.04	3.47



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)
9,107.00	1.54	258.10	9,100.68	-84.44	104.06	86.10	0.45	0.31	-13.91
9,297.00	1.47	244.86	9,290.61	-86.00	99.36	87.58	0.19	-0.04	-6.97
9,392.00	1.75	230.10	9,385.58	-87.45	97.14	88.99	0.52	0.29	-15.54
9,487.00	1.82	245.19	9,480.53	-89.01	94.66	90.52	0.50	0.07	15.88
9,581.00	1.82	246.73	9,574.48	-90.23	91.93	91.69	0.05	0.00	1.64
9,676.00	1.85	247.97	9,669.43	-91.40	89.13	92.82	0.05	0.03	1.31
9,771.00	1.73	242.49	9,764.39	-92.64	86.43	94.01	0.22	-0.13	-5.77
9,866.00	1.08	253.24	9,859.36	-93.56	84.30	94.90	0.74	-0.68	11.32
9,981.00	2.64	180.83	9,974.31	-96.52	83.23	97.84	2.20	1.36	-62.97
10,076.00	11.39	138.05	10,068.54	-105.70	89.48	107.13	10.12	9.21	-45.03
10,170.00	23.91	126.77	10,157.96	-124.09	111.04	125.85	13.75	13.32	-12.00
10,265.00	33.58	135.95	10,241.20	-154.58	144.82	156.88	11.16	10.18	9.66
10,360.00	42.86	150.64	10,315.91	-201.83	179.08	204.67	13.62	9.77	15.46
10,454.00	51.54	166.05	10,379.92	-265.74	203.75	268.97	15.12	9.23	16.39
10,471.10	51.47	168.43	10,390.56	-278.79	206.71	282.06	10.91	-0.42	13.92
SL: 10471.10' MD, 51.47° Inc									
10,549.00	51.75	179.27	10,439.03	-339.33	213.22	342.71	10.91	0.36	13.91
10,598.40	54.18	180.06	10,468.78	-378.76	213.44	382.14	5.09	4.92	1.60
FTP: 10598.40' MD, 54.18° Inc									
10,644.00	56.43	180.75	10,494.73	-416.25	213.17	419.61	5.09	4.93	1.51
10,739.00	60.06	179.68	10,544.72	-497.02	212.89	500.36	3.94	3.82	-1.13
10,834.00	66.88	179.63	10,587.13	-581.96	213.40	585.31	7.18	7.18	-0.05
10,929.00	71.20	179.01	10,621.11	-670.65	214.46	674.00	4.59	4.55	-0.65
11,024.00	77.11	179.08	10,647.04	-761.98	215.98	765.35	6.22	6.22	0.07
11,119.00	84.81	179.25	10,661.95	-855.72	217.34	859.10	8.11	8.11	0.18
11,223.00	85.04	179.89	10,671.15	-959.31	218.12	962.68	0.65	0.22	0.62
11,317.00	88.99	182.75	10,676.05	-1,053.13	215.96	1,056.46	5.19	4.20	3.04
11,410.00	93.40	186.71	10,674.11	-1,145.75	208.29	1,148.94	6.37	4.74	4.26
11,503.00	92.81	184.38	10,669.07	-1,238.18	199.32	1,241.21	2.58	-0.63	-2.51
11,596.00	92.98	184.06	10,664.37	-1,330.80	192.49	1,333.72	0.39	0.18	-0.34
11,692.00	93.09	183.38	10,659.29	-1,426.47	186.27	1,429.27	0.72	0.11	-0.71
11,786.00	92.49	183.57	10,654.71	-1,520.18	180.58	1,522.88	0.67	-0.64	0.20
11,881.00	92.17	183.12	10,650.85	-1,614.94	175.04	1,617.54	0.58	-0.34	-0.47
11,976.00	91.31	184.04	10,647.97	-1,709.71	169.11	1,712.20	1.33	-0.91	0.97
12,071.00	90.18	184.33	10,646.73	-1,804.45	162.18	1,806.82	1.23	-1.19	0.31
12,166.00	89.85	183.20	10,646.71	-1,899.24	155.94	1,901.50	1.24	-0.35	-1.19
12,260.00	90.24	182.75	10,646.63	-1,993.11	151.06	1,995.28	0.63	0.41	-0.48
12,355.00	90.16	182.90	10,646.30	-2,088.00	146.38	2,090.08	0.18	-0.08	0.16
12,450.00	90.25	182.38	10,645.96	-2,182.90	142.00	2,184.89	0.56	0.09	-0.55
12,545.00	90.36	182.68	10,645.45	-2,277.80	137.81	2,279.72	0.34	0.12	0.32
12,640.00	90.26	180.67	10,644.94	-2,372.76	135.03	2,374.61	2.12	-0.11	-2.12
12,735.00	90.15	179.91	10,644.60	-2,467.75	134.55	2,469.59	0.81	-0.12	-0.80
12,830.00	90.12	180.56	10,644.38	-2,562.75	134.16	2,564.57	0.68	-0.03	0.68



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)
12,925.00	90.15	180.74	10,644.15	-2,657.75	133.08	2,659.54	0.19	0.03	0.19
13,020.00	90.21	180.22	10,643.85	-2,752.74	132.29	2,754.51	0.55	0.06	-0.55
13,115.00	89.58	180.39	10,644.03	-2,847.74	131.78	2,849.49	0.69	-0.66	0.18
13,210.00	89.77	180.40	10,644.57	-2,942.74	131.13	2,944.46	0.20	0.20	0.01
13,304.00	89.65	180.56	10,645.04	-3,036.73	130.34	3,038.43	0.21	-0.13	0.17
13,399.00	89.67	180.91	10,645.61	-3,131.72	129.12	3,133.39	0.37	0.02	0.37
13,494.00	90.09	181.12	10,645.81	-3,226.71	127.44	3,228.33	0.49	0.44	0.22
13,589.00	89.58	181.98	10,646.08	-3,321.67	124.87	3,323.24	1.05	-0.54	0.91
13,684.00	89.78	179.70	10,646.61	-3,416.65	123.48	3,418.19	2.41	0.21	-2.40
13,779.00	89.69	178.57	10,647.05	-3,511.64	124.91	3,513.19	1.19	-0.09	-1.19
13,874.00	89.57	178.79	10,647.66	-3,606.61	127.10	3,608.18	0.26	-0.13	0.23
13,969.00	89.71	179.00	10,648.26	-3,701.59	128.93	3,703.18	0.27	0.15	0.22
14,064.00	89.63	178.50	10,648.81	-3,796.57	131.00	3,798.18	0.53	-0.08	-0.53
14,159.00	89.62	179.39	10,649.43	-3,891.55	132.75	3,893.18	0.94	-0.01	0.94
14,254.00	89.33	179.11	10,650.30	-3,986.54	134.00	3,988.17	0.42	-0.31	-0.29
14,348.00	90.09	179.27	10,650.78	-4,080.52	135.33	4,082.17	0.83	0.81	0.17
14,443.00	89.66	178.47	10,650.98	-4,175.50	137.20	4,177.17	0.96	-0.45	-0.84
14,538.00	90.05	179.85	10,651.22	-4,270.49	138.59	4,272.16	1.51	0.41	1.45
14,633.00	89.66	179.10	10,651.46	-4,365.49	139.46	4,367.16	0.89	-0.41	-0.79
14,728.00	90.09	176.94	10,651.67	-4,460.42	142.74	4,462.14	2.32	0.45	-2.27
14,823.00	89.66	176.51	10,651.88	-4,555.27	148.17	4,557.06	0.64	-0.45	-0.45
14,918.00	89.55	175.96	10,652.53	-4,650.06	154.41	4,651.94	0.59	-0.12	-0.58
15,013.00	89.47	177.01	10,653.35	-4,744.88	160.23	4,746.83	1.11	-0.08	1.11
15,108.00	89.85	178.68	10,653.91	-4,839.80	163.81	4,841.81	1.80	0.40	1.76
15,203.00	89.87	178.72	10,654.14	-4,934.78	165.96	4,936.80	0.05	0.02	0.04
15,298.00	89.70	178.97	10,654.50	-5,029.76	167.88	5,031.80	0.32	-0.18	0.26
15,392.00	89.68	179.42	10,655.01	-5,123.75	169.20	5,125.80	0.48	-0.02	0.48
15,487.00	89.79	178.77	10,655.45	-5,218.73	170.70	5,220.80	0.69	0.12	-0.68
15,582.00	89.52	176.49	10,656.02	-5,313.65	174.62	5,315.76	2.42	-0.28	-2.40
15,677.00	88.34	177.32	10,657.79	-5,408.49	179.75	5,410.67	1.52	-1.24	0.87
15,772.00	89.83	176.77	10,659.31	-5,503.35	184.65	5,505.60	1.67	1.57	-0.58
15,830.66	90.03	177.05	10,659.38	-5,561.92	187.81	5,564.22	0.60	0.35	0.48
SL: 15830.66' MD, 10659.38' TVD									
15,867.00	90.16	177.23	10,659.32	-5,598.22	189.62	5,600.54	0.60	0.35	0.48
15,961.00	90.42	176.77	10,658.84	-5,692.09	194.54	5,694.47	0.56	0.28	-0.49
16,057.00	90.29	176.96	10,658.25	-5,787.94	199.79	5,790.40	0.24	-0.14	0.20
16,151.00	90.16	179.08	10,657.88	-5,881.88	203.04	5,884.38	2.26	-0.14	2.26
16,246.00	90.03	179.60	10,657.72	-5,976.87	204.13	5,979.37	0.56	-0.14	0.55
16,341.00	90.15	182.38	10,657.57	-6,071.85	202.49	6,074.31	2.93	0.13	2.93
16,435.00	90.12	182.00	10,657.35	-6,165.78	198.90	6,168.17	0.41	-0.03	-0.40
16,530.00	90.80	183.41	10,656.59	-6,260.67	194.42	6,262.98	1.65	0.72	1.48
16,625.00	90.20	182.70	10,655.76	-6,355.53	189.35	6,357.74	0.98	-0.63	-0.75
16,720.00	90.87	182.25	10,654.87	-6,450.43	185.25	6,452.57	0.85	0.71	-0.47
16,815.00	90.86	182.28	10,653.44	-6,545.35	181.50	6,547.42	0.03	-0.01	0.03



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)
16,910.00	89.50	182.21	10,653.14	-6,640.27	177.78	6,642.27	1.43	-1.43	-0.07
17,005.00	90.10	184.04	10,653.47	-6,735.13	172.60	6,737.03	2.03	0.63	1.93
17,099.00	90.45	182.99	10,653.02	-6,828.95	166.83	6,830.74	1.18	0.37	-1.12
17,194.00	90.21	180.86	10,652.47	-6,923.89	163.64	6,925.62	2.26	-0.25	-2.24
17,290.00	89.73	179.95	10,652.52	-7,019.88	162.97	7,021.59	1.07	-0.50	-0.95
17,385.00	90.36	180.86	10,652.45	-7,114.88	162.29	7,116.57	1.17	0.66	0.96
17,480.00	89.70	180.31	10,652.40	-7,209.87	161.32	7,211.53	0.90	-0.69	-0.58
17,574.00	90.35	180.30	10,652.36	-7,303.87	160.82	7,305.51	0.69	0.69	-0.01
17,669.00	90.63	180.29	10,651.54	-7,398.87	160.33	7,400.49	0.29	0.29	-0.01
17,764.00	90.72	180.32	10,650.42	-7,493.86	159.83	7,495.46	0.10	0.09	0.03
17,860.00	90.50	180.24	10,649.40	-7,589.85	159.36	7,591.43	0.24	-0.23	-0.08
17,954.00	90.14	180.30	10,648.88	-7,683.85	158.92	7,685.41	0.39	-0.38	0.06
18,049.00	90.11	180.66	10,648.67	-7,778.84	158.12	7,780.38	0.38	-0.03	0.38
18,144.00	89.62	180.32	10,648.89	-7,873.84	157.31	7,875.35	0.63	-0.52	-0.36
18,239.00	89.24	180.54	10,649.84	-7,968.83	156.60	7,970.32	0.46	-0.40	0.23
18,334.00	89.77	180.54	10,650.66	-8,063.83	155.70	8,065.28	0.56	0.56	0.00
18,429.00	88.89	180.67	10,651.77	-8,158.81	154.70	8,160.24	0.94	-0.93	0.14
18,523.00	88.69	180.90	10,653.76	-8,252.78	153.41	8,254.18	0.32	-0.21	0.24
18,618.00	88.98	178.72	10,655.69	-8,347.76	153.72	8,349.15	2.31	0.31	-2.29
18,713.00	89.27	178.25	10,657.14	-8,442.71	156.24	8,444.13	0.58	0.31	-0.49
18,808.00	88.63	178.45	10,658.88	-8,537.66	158.97	8,539.11	0.71	-0.67	0.21
18,903.00	88.77	178.81	10,661.03	-8,632.60	161.24	8,634.08	0.41	0.15	0.38
18,998.00	88.21	179.32	10,663.54	-8,727.56	162.79	8,729.05	0.80	-0.59	0.54
19,093.00	89.57	178.40	10,665.38	-8,822.52	164.68	8,824.02	1.73	1.43	-0.97
19,188.00	89.80	178.57	10,665.90	-8,917.48	167.19	8,919.02	0.30	0.24	0.18
19,283.00	90.13	177.87	10,665.96	-9,012.44	170.14	9,014.01	0.81	0.35	-0.74
19,378.00	90.10	178.12	10,665.77	-9,107.38	173.47	9,108.99	0.27	-0.03	0.26
19,473.00	90.89	177.90	10,664.95	-9,202.32	176.77	9,203.97	0.86	0.83	-0.23
19,568.00	89.88	178.44	10,664.31	-9,297.26	179.80	9,298.95	1.21	-1.06	0.57
19,662.00	90.22	178.54	10,664.23	-9,391.23	182.28	9,392.95	0.38	0.36	0.11
19,757.00	90.34	177.83	10,663.76	-9,486.18	185.29	9,487.93	0.76	0.13	-0.75
19,852.00	90.18	177.18	10,663.33	-9,581.09	189.42	9,582.90	0.70	-0.17	-0.68
19,947.00	89.74	179.48	10,663.40	-9,676.04	192.19	9,677.88	2.46	-0.46	2.42
20,042.00	88.19	180.53	10,665.11	-9,771.02	192.18	9,772.85	1.97	-1.63	1.11
20,137.00	89.84	182.03	10,666.75	-9,865.98	190.06	9,867.76	2.35	1.74	1.58
20,232.00	90.64	184.36	10,666.35	-9,960.82	184.77	9,962.51	2.59	0.84	2.45
20,327.00	90.32	184.53	10,665.55	-10,055.54	177.40	10,057.09	0.38	-0.34	0.18
20,422.00	90.56	182.63	10,664.82	-10,150.34	171.47	10,151.79	2.02	0.25	-2.00
20,517.00	89.89	181.63	10,664.45	-10,245.27	167.94	10,246.65	1.27	-0.71	-1.05
20,612.00	89.18	181.52	10,665.22	-10,340.23	165.33	10,341.56	0.76	-0.75	-0.12
20,706.00	90.35	182.31	10,665.61	-10,434.18	162.19	10,435.44	1.50	1.24	0.84
20,801.00	90.29	180.15	10,665.08	-10,529.15	160.15	10,530.36	2.27	-0.06	-2.27
20,896.00	90.66	179.66	10,664.29	-10,624.15	160.31	10,625.35	0.65	0.39	-0.52



Phoenix
Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Chuck Smith MDP1 8 17 Federal Com 22H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3502.00usft (H&P 479)
Site:	Chuck Smith MDP1 8_17	MD Reference:	RKB @ 3502.00usft (H&P 479)
Well:	Chuck Smith MDP1 8 17 Federal Com 22H	North Reference:	Grid
Wellbore:	OH / 73717	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)	
20,954.00	89.22	178.15	10,664.35	-10,682.13	161.42	10,683.35	3.60	-2.48	-2.60	
Final Phoenix MWD Survey										
21,016.47	89.22	178.15	10,665.20	-10,744.56	163.43	10,745.80	0.00	0.00	0.00	
LTP: 21016.47' MD, 10665.20' TVD										
21,070.00	89.22	178.15	10,665.93	-10,798.06	165.16	10,799.32	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	
10,471.10	10,390.56	-278.79	206.71	SL: 10471.10' MD, 51.47° Inc	
10,598.40	10,468.78	-378.76	213.44	FTP: 10598.40' MD, 54.18° Inc	
15,830.66	10,659.38	-5,561.92	187.81	SL: 15830.66' MD, 10659.38' TVD	
20,954.00	10,664.35	-10,682.13	161.42	Final Phoenix MWD Survey	
21,016.47	10,665.20	-10,744.56	163.43	LTP: 21016.47' MD, 10665.20' TVD	
21,070.00	10,665.93	-10,798.06	165.16	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: CHUCK SMITH MDP1 8-17
FEDERAL COM

Well Location: T24S / R31E / SEC 5 /
SESW / 32.2398833 / -103.804065

County or Parish/State: EDDY /
NM

Well Number: 22H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM142143

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001554097

Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2784001

Type of Submission: Subsequent Report

Date Sundry Submitted: 04/08/2024

Date Operation Actually Began: 01/22/2024

Type of Action: Workover Operations

Time Sundry Submitted: 06:36

Actual Procedure: RUPU 01/22/24, RIH & clean out to PBTD @ 21025', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 11233-20933' Total 1350 holes. Frac in 45 stages w/ 402157BBL Produced Water + 10763BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 24854450# sand, RD Liberty 02/07/24. Well ready to produce 02/14/24. 03/12/24 RIH with 2-3/8" L80 4.7# tbg & gas lift set @ 10361', RD 03/12/24.

Received by OCD: 5/1/2024 3:49:57 PMPage 14 of 22

Well Name: CHUCK SMITH MDP 1 8-17 FEDERAL COM	Well Location: T24S / R31E / SEC 5 / SESW / 32.2398833 / -103.804065	County or Parish/State: EDDY / NM
Well Number: 22H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM142143	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554097	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: APR 08, 2024 06:36 PM
Name: OXY USA INCORPORATED	
Title: Regulatory Advisor	
Street Address: 1600 GEHRIG DR	
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: 04/09/2024
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. 30-015-54097				
						2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN				
						3. State Oil & Gas Lease No.				
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 CHUCK SMITH MDP1 8-17 FEDERAL COM				
						6. Well Number: 22H				
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 COTTON DRAW; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	5	24S	31E		280	SOUTH	1335	WEST	EDDY
BH:	N	17	24S	31E		46	SOUTH	1452	WEST	EDDY
13. Date Spudded 10/16/23	14. Date T.D. Reached 12/24/2023		15. Date Rig Released 12/26/2023		16. Date Completed (Ready to Produce) 02/14/2024		17. Elevations (DF and RKB, RT, GR, etc.) 3477' GL			
18. Total Measured Depth of Well 21070'M 10666'V			19. Plug Back Measured Depth 21025'M 10665'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 11233-20933' 3 RD BONE SPRING										
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		900'		14.75"		895sx-surf circ		
7.625" HCL-80		26.4		11169'		9.875"		2994sx-surf		
5.5" P110 ICY		20		21050'		6.75"		892sx-TOC@7569'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	PACKER SET
							2-3/8"		10361'	
26. Perforation record (interval, size, and number) 11233-20933' Total 1350 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11233-20933'		402157BBL Produced Water + 10763BBL Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 24854450# sand		
28. PRODUCTION										
Date First Production 02/17/2024		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) GAS LIFT				Well Status (<i>Prod. or Shut-in</i>) Prod.				
Date of Test 03/02/2024	Hours Tested 24 hrs.	Choke Size 100	Prod'n For Test Period	Oil - Bbl 3156	Gas - MCF 3471	Water - Bbl. 3098	Gas - Oil Ratio 1100			
Flow Tubing Press.	Casing Pressure 706	Calculated 24- Hour Rate	Oil - Bbl. 3156	Gas - MCF 3471	Water - Bbl. 3098	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By			
31. List Attachments WBD, C-104, As-Drilled C-102, Kickoff Points Form, Final Directional Survey, Completion Sundry C-103										
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>Regulatory Advisor</u>			Date: <u>05/01/2024</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 567'	T. Bell Canyon 4229'	T. Ojo Alamo	T. Penn A"
T. Salado 969'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2767'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4210'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5218'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6483'	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 8083'	T. Todilto	
T. Abo	T. 1st Bone Spring 9097'	T. Entrada	
T. Wolfcamp	T. 2nd Bone Spring 9745'	T. Wingate	
T. Penn	T. 3rd Bone Spring 10546'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

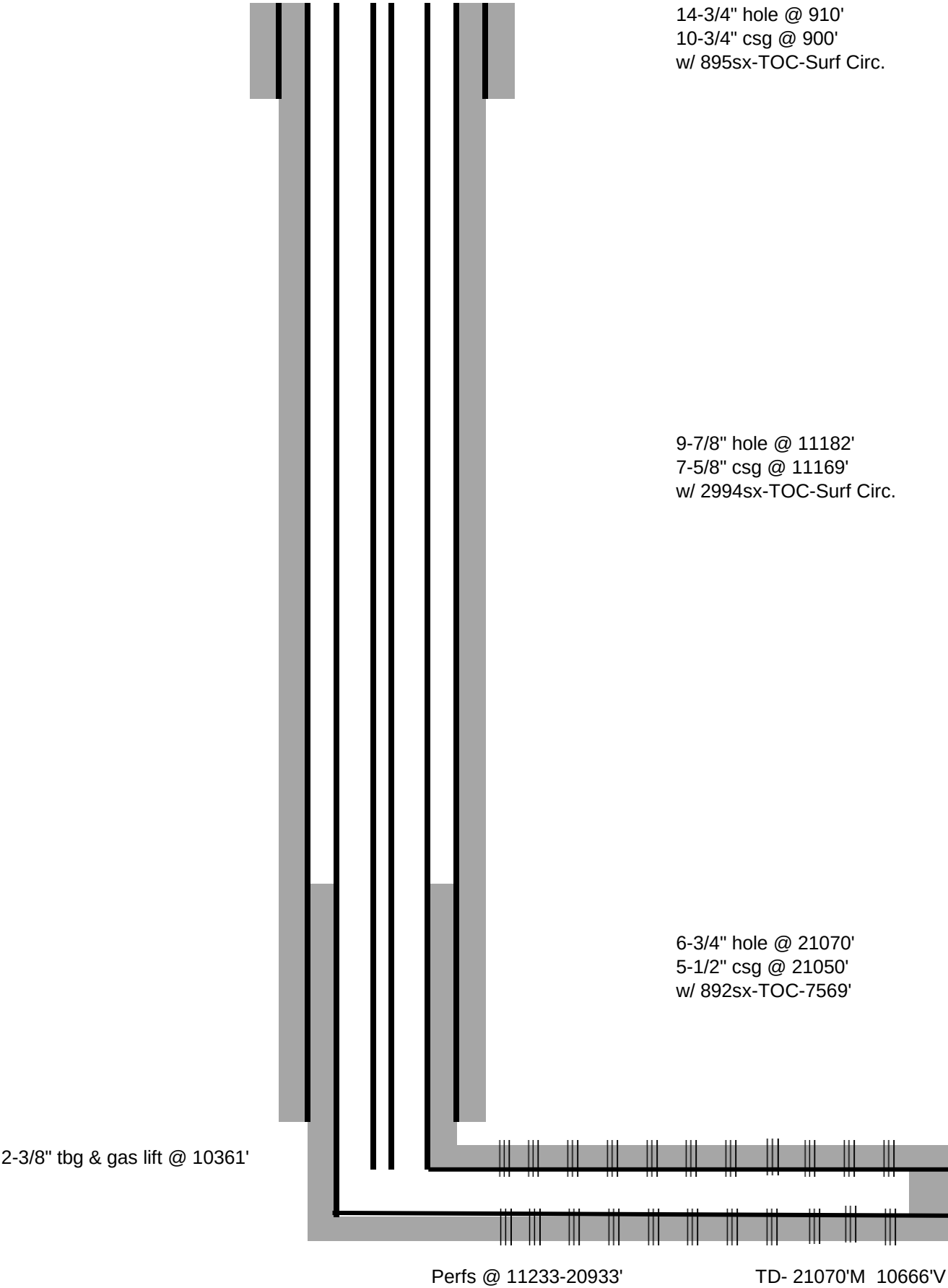
No. 4, from.....to.....

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.
CHUCK SMITH MDP1 8-17 FEDERAL COM 22H
API No. 30-015-54097



Well Name: CHUCK SMITH MDP1 8-17
FEDERAL COM

Well Location: T24S / R31E / SEC 5 /
SESW / 32.2398833 / -103.804065

County or Parish/State: EDDY /
NM

Well Number: 22H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM142143

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001554097

Well Status: Drilling Well

Operator: OXY USA
INCORPORATED

Subsequent Report

Sundry ID: 2771540

Type of Submission: Subsequent Report

Date Sundry Submitted: 01/24/2024

Date Operation Actually Began: 12/18/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 12:46

Actual Procedure: 12/18/23 RU BOP, test @ 250# low 10000# high, pressure test 7-5/8" casing to 4500#, good test. RIH & drill new formation to 11,192', perform FIT test to EMW=15ppg, 2162psi, good test. 12/19/23 Drill 6-3/4" hole to 21,070'M 10,665'V 12/24/23. RIH & set 5-1/2" 20# P110 ICY Wedge 461 csg @ 21,050'. Pump 75bbl mudpush spacer then cmt w/ 892sx (193bbl) Class H w/ additives @ 13.3ppg 1.38 yield, est. TOC @ 7,569', WOC. ND BOP, RD Rel Rig 12/26/2023.

Received by OCD: 5/1/2024 3:49:57 PM

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Well Name: CHUCK SMITH MDP 1 8-17 FEDERAL COM	Well Location: T24S / R31E / SEC 5 / SESW / 32.2398833 / -103.804065	County or Parish/State: EDDY / NM
Well Number: 22H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM142143	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554097	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: ELIZABETH VELASCO	Signed on: JAN 24, 2024 11:09 AM
Name: OXY USA INCORPORATED	
Title: Analyst Regulatory Sr	
Street Address: 1600 GEHRIG DRIVE	
City: MIDLAND	State: TX
Phone: (432) 686-1413	
Email address: ELIZABETH_VELASCO@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: 01/31/2024
Signature: Jonathon Shepard	

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 339787

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 339787
	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.

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Santa Fe, NM 87505

CONDITIONS

Action 339787

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 339787
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	9/13/2024