

1625 N. French Dr., Hobbs, NM 88240

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

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date: NW - 06/03/2022
⁴ API Number 30 - 015-48964	⁵ Pool Name PURPLE SAGE WOLFCAMP *NSL-8250	⁶ Pool Code 98220
⁷ Property Code: 329988	⁸ Property Name: TAILS CC 10-3 FEDERAL COM	⁹ Well Number: 36H

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	10	24S	29E		220	SOUTH	1670	EAST	EDDY

¹¹ Bottom Hole Location

FTP- 195' FSL 368' FEL LTP- 172' FNL 564' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L1	3	24S	29E		40	NORTH	581	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 06/07/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 12/22/21	²² Ready Date 06/03/2022	²³ TD 20806'M 10212'V	²⁴ PBTD 20758'M 10208'V	²⁵ Perforations 10371-20672'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	514'	515		
9-7/8"	7-5/8"	9495'	2300		
6-3/4"	5-1/2"	20786'	871		

V. Well Test Data

³¹ Date New Oil 06/07/22	³² Gas Delivery Date 06/07/22	³³ Test Date 07/10/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1559
³⁷ Choke Size 50/128	³⁸ Oil 2593	³⁹ Water 5631	⁴⁰ Gas 4645		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: 09/01/2022
Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 09/16/22

COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.

1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 334-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1283 Fax: (575) 748-9720
District III
 1000 Rio Brazos Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-48964	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 329988	Property Name TAILS CC 10_3 FEDERAL COM	
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC	⁶ Well Number 36H
		⁹ Elevation 2939'

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	10	24S	29E		220	SOUTH	1670	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 1	3	24S	29E		40	NORTH	581	EAST	EDDY

¹² Dedicated Acres 1278.62	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8250
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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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 652903.76' / Y: 456331.32' B - X: 655544.67' / Y: 456330.90' C - X: 655569.82' / Y: 453685.20' D - X: 655595.08' / Y: 451030.27' E - X: 655608.14' / Y: 448375.24' F - X: 655621.54' / Y: 445720.16' G - X: 652967.78' / Y: 445724.10' H - X: 650312.09' / Y: 445726.24' I - X: 650298.13' / Y: 448381.95' J - X: 650284.73' / Y: 451033.82' K - X: 650273.76' / Y: 453689.39' L - X: 650262.85' / Y: 456331.74'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 611720.17' / Y: 456272.14' B - X: 614361.07' / Y: 456271.72' C - X: 614386.15' / Y: 453626.09' D - X: 614411.31' / Y: 450971.20' E - X: 614424.32' / Y: 448316.23' F - X: 614437.66' / Y: 445661.21' G - X: 611783.88' / Y: 445665.15' H - X: 609128.23' / Y: 445667.29' I - X: 609114.33' / Y: 448322.94' J - X: 609101.00' / Y: 450974.76' K - X: 609090.10' / Y: 453630.27' L - X: 609079.26' / Y: 456272.56'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Date: 06/02/2022 Printed Name: JANA MENDIOLA E-mail Address: janalyn_mendiola@oxy.com	
	BOTTOM HOLE LOCATION 40' FNL 581' FEL, SECTION 3 20806' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 654964.16' / Y: 456290.89' LAT: 32.25388428N / LON: 103.96576626W NAD 27, SPCS NM EAST X: 613780.56' / Y: 456231.72' LAT: 32.25376182N / LON: 103.96527682W	LAST TAKE POINT 172' FNL 564' FEL, SECTION 3 20672' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 654982.74' / Y: 456158.59' LAT: 32.25352045N / LON: 103.96570763W NAD 27, SPCS NM EAST X: 613799.13' / Y: 456099.42' LAT: 32.25339798N / LON: 103.96521820W	FIRST TAKE POINT 195' FSL 368' FEL, SECTION 10 10371' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 655252.14' / Y: 445916.08' LAT: 32.22536285N / LON: 103.96494981W NAD 27, SPCS NM EAST X: 614068.26' / Y: 445857.12' LAT: 32.22524006N / LON: 103.96446143W	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. Date of Survey: JUNE 1, 2022 Signature and Seal of Professional Surveyor: Certificate Number: DAVID W. MYERS 11403
	KICK OFF POINT 200' FNL 578' FEL, SECTION 15 9654' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 655044.37' / Y: 445521.08' LAT: 32.22427901N / LON: 103.96562606W NAD 27, SPCS NM EAST X: 613860.48' / Y: 445462.13' LAT: 32.22415621N / LON: 103.96513771W	SURFACE HOLE LOCATION 220' FSL 1670' FEL, SECTION 10 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653950.30' / Y: 445942.70' LAT: 32.22544822N / LON: 103.96915940W NAD 27, SPCS NM EAST X: 612766.43' / Y: 445883.74' LAT: 32.22532544N / LON: 103.96867091W		
	SHEET 1 OF 1 JOB No. R4155_011 REV 0 WM 6/1/2022			

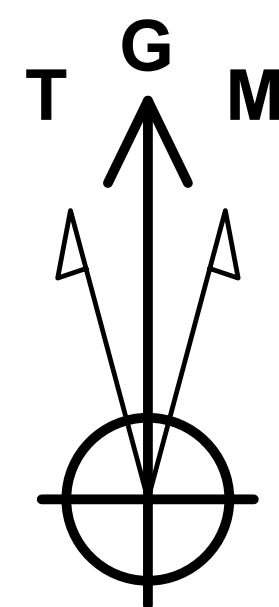
Distances/areas relative to NAD 83 Combined Scale Factor: 0.99978625 Convergence Angle: 00°11'10.650012"



Project: Eddy County, NM (NAD83-NME)
Site: Tails CC 10_3 Federal Com
Well: Tails CC 10_3 Federal Com 36H
Wellbore: OH / 69244
Design: Plan 3 04-19-22
Rig: H&P 479



PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.61°
Magnetic Field
Strength: 47606.1nT
Dip Angle: 59.94°
Date: 4/21/2022
Model: IFR

WELL DETAILS									
		Ground Level: 2939.30		Latitude		Longitude			
+N/-S		+E/-W		Northing		Easting			
0.00		0.00		445942.70		653950.30		32° 13' 31.613588 N 103° 58' 8.973855 W	

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect
1	9362.00	9.98	106.73	9249.99	-407.85	1045.66	0.00	0.000	-300.57
2	9653.83	9.98	106.73	9537.40	-422.41	1094.09	0.00	0.000	-310.19
3	10024.89	40.00	39.47	9874.10	-336.58	1204.59	10.00	-79.306	-213.68
4	10628.30	89.90	359.62	10129.86	161.75	1338.45	10.00	-47.515	295.60
5	18580.69	89.90	359.62	10144.32	8113.95	1285.10	0.00	0.000	8202.07
6	19236.85	89.90	353.05	10145.47	8768.41	1243.18	1.00	-89.940	8849.00
7	20847.46	89.90	353.05	10148.19	10367.20	1048.40	0.00	0.000	10420.08
									BHLv2 - Tails CC 10_3 Federal Com 36H
									TD at 20847.76

FORMATION TOP DETAILS									
TVDPath	MDPath	Formation							
157.30	157.31	RUSTLER							
599.31	599.32	SALADO							
1592.31	1592.32	CASTILE							
3039.31	3039.33	LAMAR							
3086.31	3086.33	BELL CANYON							
3894.37	3897.01	CHERRY CANYON							
5140.63	5169.76	BRUSHY CANYON							
6747.96	6810.47	BONE SPRING							
7777.20	7860.30	BONE SPRING 1ST							
8078.24	8167.41	Second Bone Spring Limestone							
8562.42	8660.09	BONE SPRING 2ND							
8883.50	8987.08	Third Bone Spring Limestone							
9636.58	9755.35	BONE SPRING 3RD							
10041.43	10285.08	WOLFCAMP							
10144.22	18523.99	10130' TVD @ 0° VS, 89.9° INC							

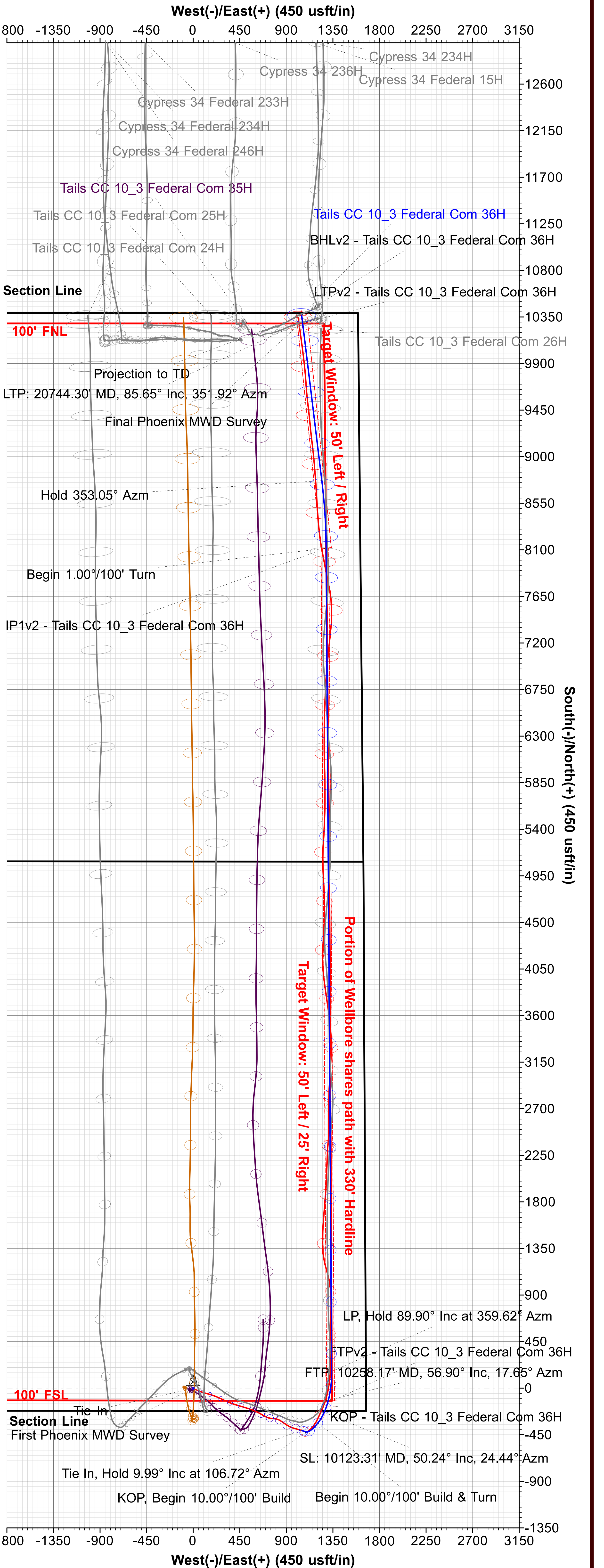
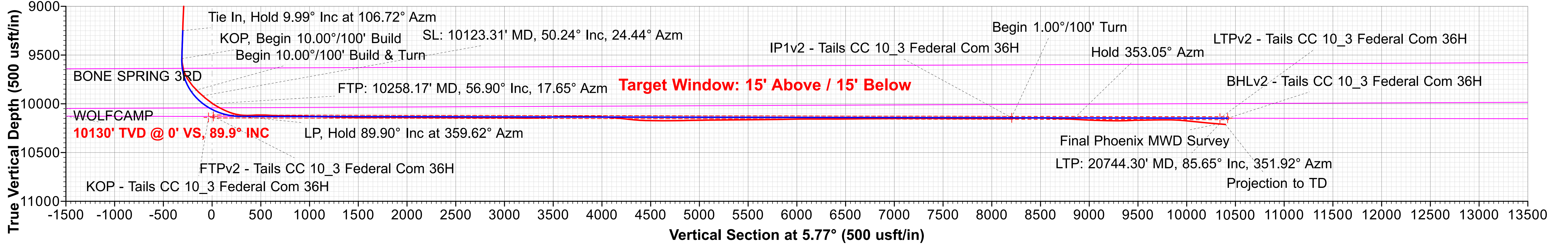
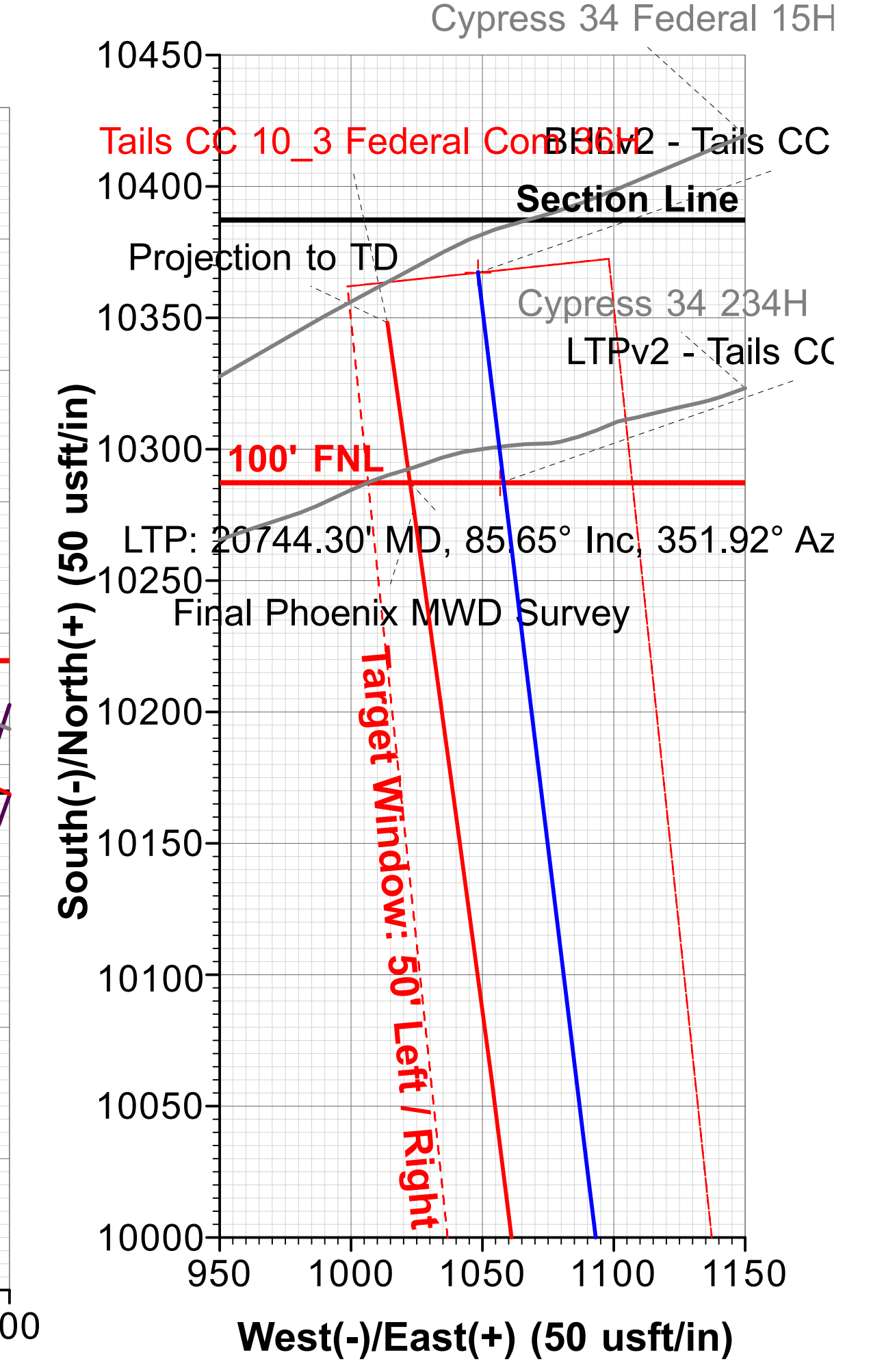
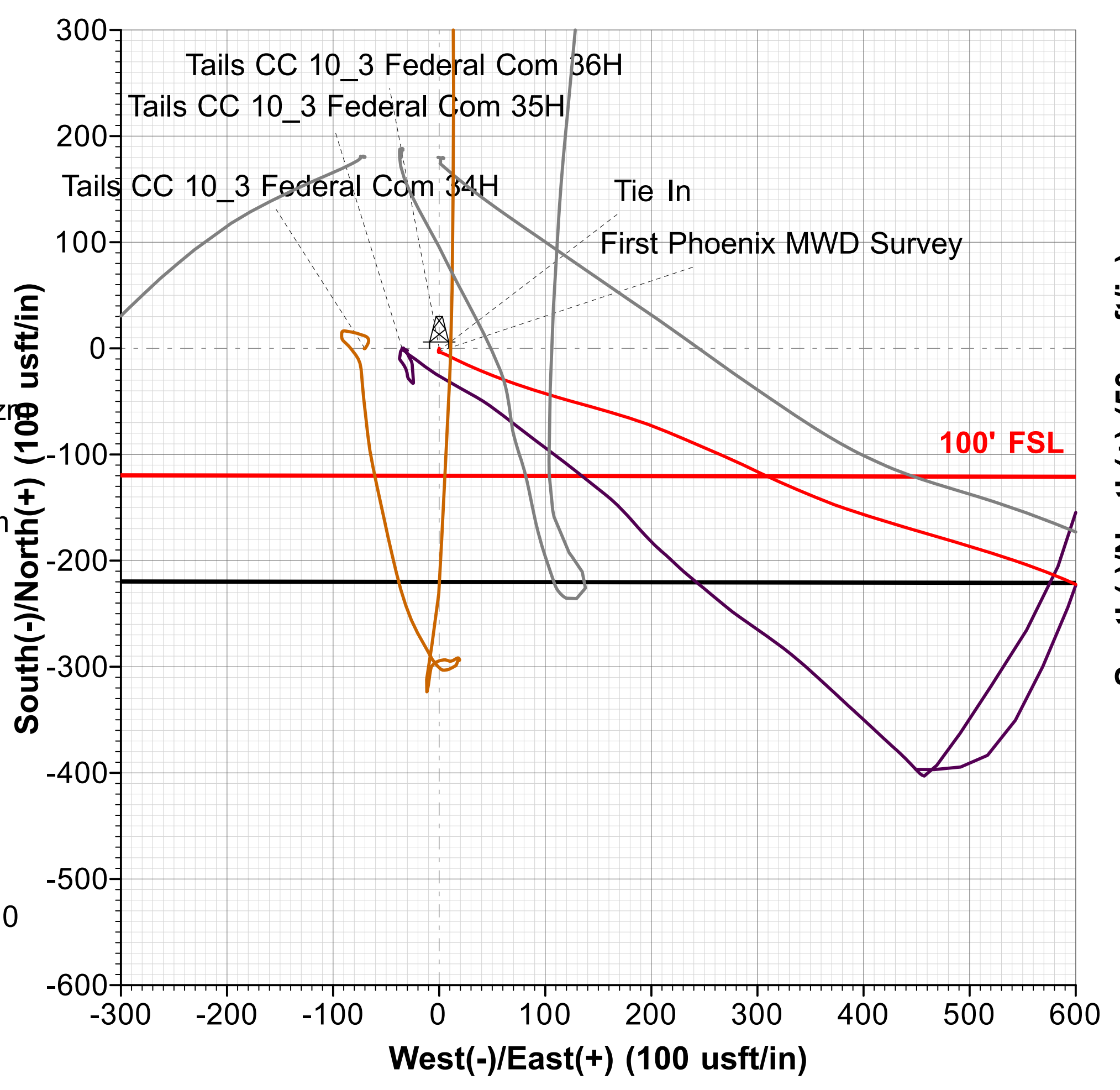
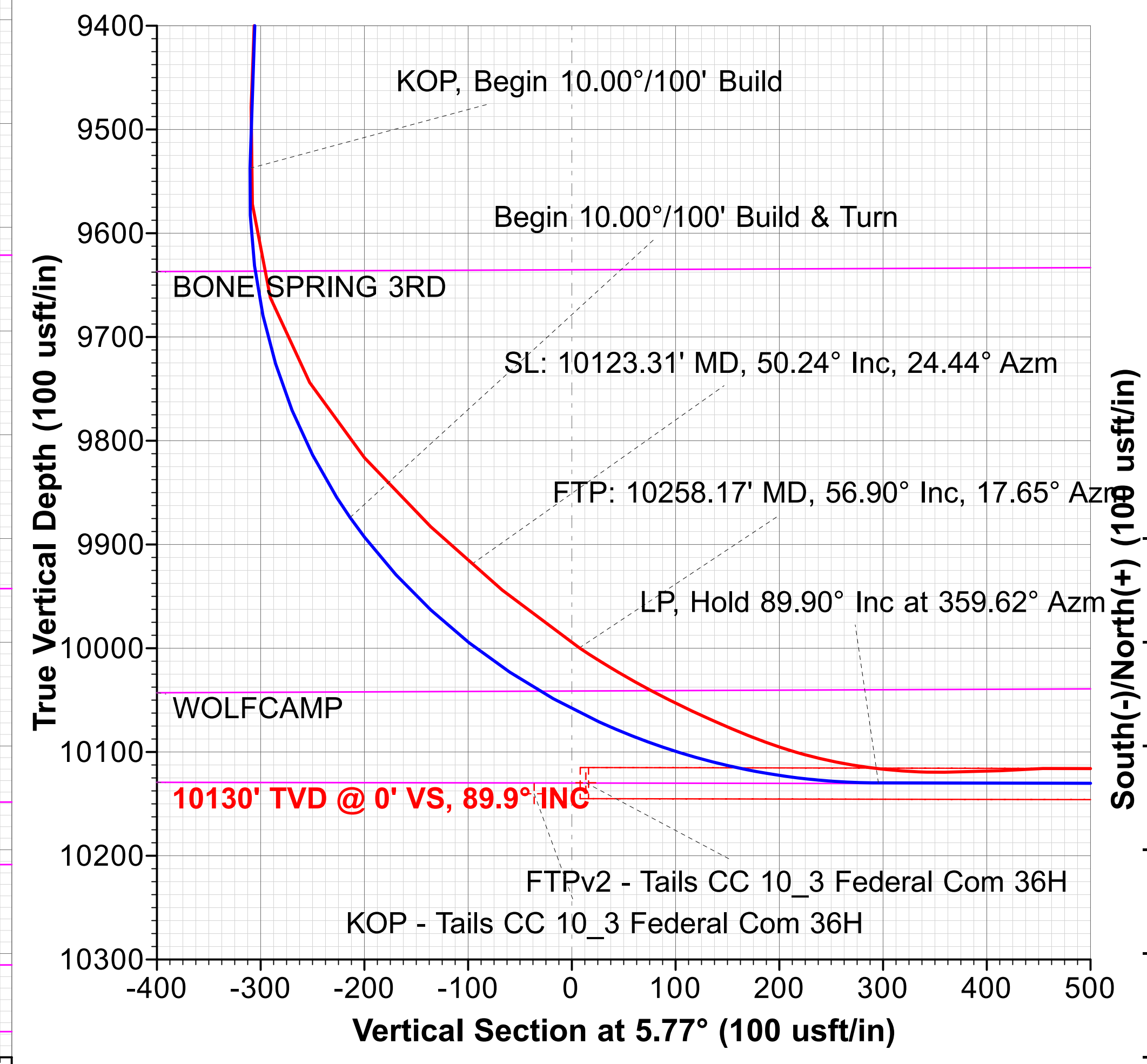
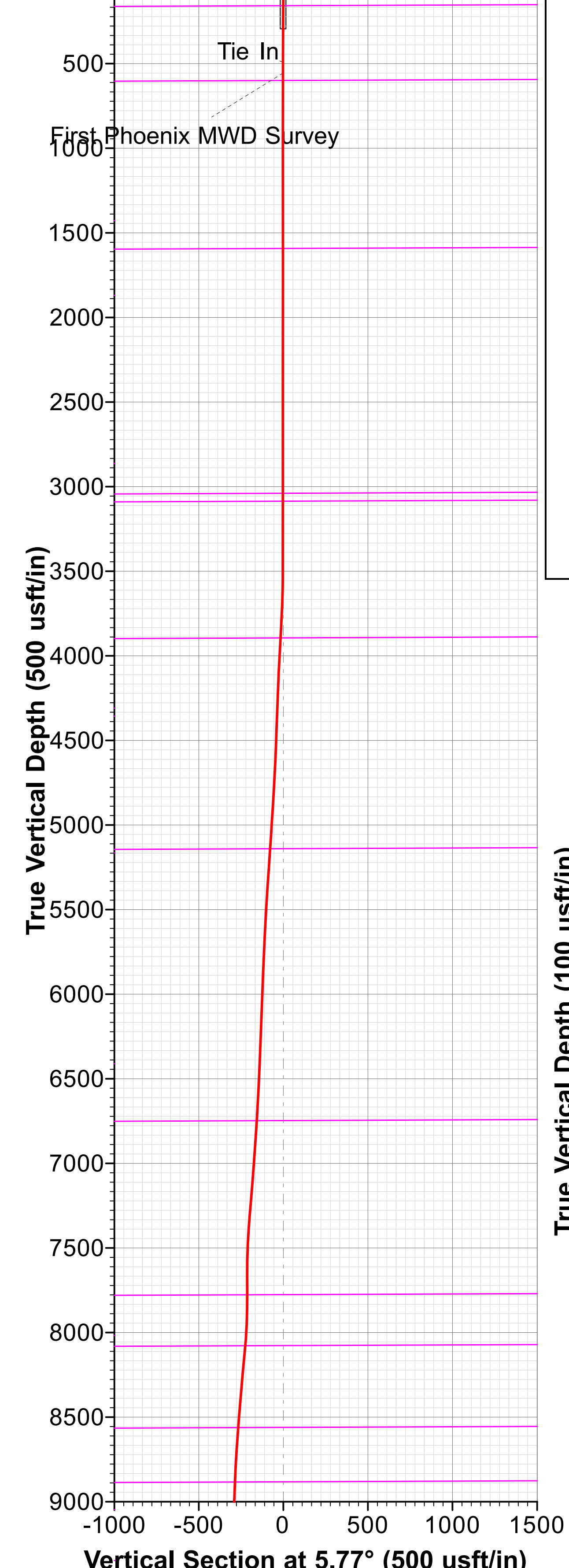
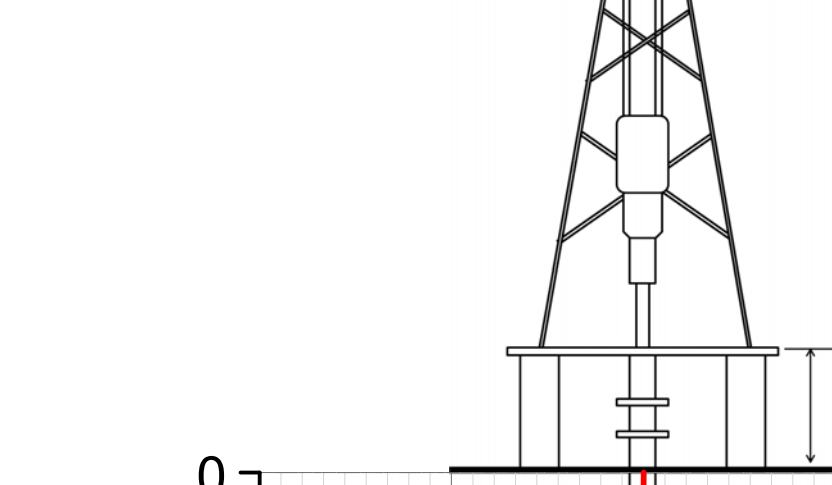
Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone
Local Origin: Well Tails CC 10_3 Federal Com 36H, Grid North
Latitude: 32° 13' 31.613588 N
Longitude: 103° 58' 8.973855 W
Grid East: 653950.30
Grid North: 445942.70
Scale Factor: 1.000
Geomagnetic Model: IFR
Sample Date: 21-Apr-22
Magnetic Declination: 6.803°
Dip Angle from Horizontal: 59.944°
Magnetic Field Strength: 47606.1000000nT
To convert a Magnetic Direction to a Grid Direction, Add 6.609°
To convert a Magnetic Direction to a True Direction, Add 6.803° East
To convert a True Direction to a Grid Direction, Subtract 0.194°

LEGEND

- Tails CC 10_3 Federal Com 35H, ST01 / 69243, Surveys (H&P 479) V0
- Tails CC 10_3 Federal Com 35H, OH / 69243, Surveys (H&P 479) V0
- Tails CC 10_3 Federal Com 36H, OH / 69244, Surveys (H&P 479) V0
- Cypress 34 Federal 233H, OH, Surveys V0
- Tails CC 10_3 Federal Com 26H, OH, Surveys V0
- Cypress 34 Federal 15H, OH, Surveys V0
- Cypress 34 234H, OH, Surveys V0
- Tails CC 10_3 Federal Com 34H, OH / 69242, Surveys (H&P 479) V0
- Tails CC 10_3 Federal Com 25H, OH, Surveys V0
- Cypress 34 Federal 234H, OH, Surveys V0
- Cypress 34 Federal 246H, OH, Surveys V0
- Cypress 34 236H, OH, Surveys V0
- Tails CC 10_3 Federal Com 24H, OH, Surveys V0
- Plan 3 04-19-22

RKB @ 2964.30usft (H&P 479)

Ground Level: 2939.30





OXY USA INC.

Eddy County, NM (NAD83-NME)

Tails CC 10_3 Federal Com

Tails CC 10_3 Federal Com 36H

OH / 69244

Design: Surveys (H&P 479)

Standard Survey Report

07 May, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Project	Eddy County, NM (NAD83-NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Tails CC 10_3 Federal Com		
Site Position:		Northing:	445,942.80 usft
From:	Map	Easting:	653,880.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 13' 31.616925 N
		Longitude:	103° 58' 9.788769 W
		Grid Convergence:	0.194 °

Well	Tails CC 10_3 Federal Com 36H		
Well Position	+N/-S	0.00 usft	Northing: 445,942.70 usft
	+E/-W	0.00 usft	Easting: 653,950.30 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 13' 31.613589 N
		Longitude:	103° 58' 8.973855 W
		Ground Level:	2,939.30 usft

Wellbore	OH / 69244		
Magnetics	Model Name	Sample Date	Declination (°)
	IFR	4/21/2022	6.803
			Dip Angle (°) 59.944
			Field Strength (nT) 47,606.10000000

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)
	0.00	0.00	0.00
			Direction (°) 5.77

Survey Program	Date 5/7/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
19.00	489.64	Gyrodata Gyro Surveys (OH / 69244)	GYD_G003_GC+DROP+I
556.00	20,806.00	Phoenix MWD Surveys - SQC R8 (OH / 69244)	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
19.00	0.00	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00
95.59	0.50	181.53	95.59	-0.33	-0.01	-0.33	0.65	0.65	0.00
186.84	0.51	213.04	186.84	-1.07	-0.24	-1.09	0.30	0.01	34.53
274.06	0.31	196.66	274.05	-1.62	-0.52	-1.67	0.26	-0.23	-18.78
368.47	0.27	177.62	368.46	-2.09	-0.58	-2.14	0.11	-0.04	-20.17
462.88	0.19	169.57	462.87	-2.47	-0.55	-2.51	0.09	-0.08	-8.53
489.64	0.35	161.42	489.63	-2.59	-0.51	-2.63	0.61	0.60	-30.46
Tie In									
556.00	0.35	106.01	555.99	-2.84	-0.25	-2.85	0.49	0.00	-83.50

Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
First Phoenix MWD Survey									
649.00	0.05	337.78	648.99	-2.88	0.00	-2.86	0.41	-0.32	-137.88
743.00	0.11	123.80	742.99	-2.89	0.06	-2.87	0.16	0.06	155.34
837.00	0.11	190.29	836.99	-3.03	0.12	-3.00	0.13	0.00	70.73
930.00	0.11	189.29	929.99	-3.20	0.09	-3.18	0.00	0.00	-1.08
1,025.00	0.15	15.02	1,024.99	-3.17	0.11	-3.15	0.27	0.04	-183.44
1,120.00	0.13	317.65	1,119.99	-2.97	0.07	-2.95	0.14	-0.02	-60.39
1,215.00	0.12	112.28	1,214.99	-2.93	0.09	-2.91	0.26	-0.01	162.77
1,310.00	0.13	347.39	1,309.99	-2.86	0.16	-2.83	0.23	0.01	-131.46
1,405.00	0.12	111.01	1,404.99	-2.80	0.23	-2.76	0.23	-0.01	130.13
1,500.00	0.13	245.19	1,499.99	-2.88	0.22	-2.84	0.24	0.01	141.24
1,594.00	0.12	18.11	1,593.99	-2.83	0.16	-2.80	0.24	-0.01	141.40
1,689.00	0.10	248.10	1,688.99	-2.76	0.11	-2.74	0.21	-0.02	-136.85
1,783.00	0.13	110.51	1,782.99	-2.83	0.13	-2.80	0.23	0.03	-146.37
1,878.00	0.10	219.70	1,877.99	-2.93	0.18	-2.90	0.20	-0.03	114.94
1,973.00	0.12	214.65	1,972.99	-3.08	0.07	-3.06	0.02	0.02	-5.32
2,068.00	0.12	207.77	2,067.99	-3.25	-0.03	-3.24	0.02	0.00	-7.24
2,163.00	0.11	314.03	2,162.99	-3.27	-0.14	-3.27	0.19	-0.01	111.85
2,258.00	0.13	107.74	2,257.99	-3.24	-0.11	-3.24	0.25	0.02	161.80
2,353.00	0.13	153.37	2,352.99	-3.37	0.05	-3.35	0.11	0.00	48.03
2,447.00	0.13	300.12	2,446.99	-3.41	0.00	-3.40	0.27	0.00	156.12
2,542.00	0.13	230.73	2,541.99	-3.43	-0.18	-3.43	0.16	0.00	-73.04
2,637.00	0.11	331.51	2,636.99	-3.42	-0.30	-3.43	0.20	-0.02	106.08
2,732.00	0.11	321.40	2,731.99	-3.26	-0.40	-3.29	0.02	0.00	-10.64
2,827.00	0.14	157.35	2,826.99	-3.30	-0.42	-3.33	0.26	0.03	-172.68
2,922.00	0.14	0.45	2,921.99	-3.29	-0.37	-3.31	0.29	0.00	-165.16
3,017.00	0.12	204.92	3,016.99	-3.27	-0.41	-3.29	0.27	-0.02	-163.72
3,112.00	0.10	260.31	3,111.99	-3.37	-0.53	-3.41	0.11	-0.02	58.31
3,206.00	0.07	163.97	3,205.99	-3.44	-0.60	-3.48	0.14	-0.03	-102.49
3,301.00	0.11	125.65	3,300.99	-3.55	-0.51	-3.58	0.07	0.04	-40.34
3,396.00	0.09	77.56	3,395.99	-3.58	-0.36	-3.60	0.09	-0.02	-50.62
3,491.00	0.59	88.48	3,490.98	-3.56	0.20	-3.52	0.53	0.53	11.49
3,586.00	3.14	110.86	3,585.93	-4.47	3.12	-4.13	2.74	2.68	23.56
3,681.00	5.83	116.63	3,680.63	-7.56	9.87	-6.53	2.87	2.83	6.07
3,776.00	8.24	115.42	3,774.91	-12.64	20.33	-10.54	2.54	2.54	-1.27
3,871.00	9.69	113.37	3,868.74	-18.74	33.82	-15.24	1.56	1.53	-2.16
3,966.00	11.43	111.48	3,962.13	-25.36	49.92	-20.21	1.87	1.83	-1.99
4,060.00	12.67	109.61	4,054.06	-32.23	68.30	-25.19	1.38	1.32	-1.99
4,155.00	11.34	107.22	4,146.98	-38.49	87.03	-29.54	1.49	-1.40	-2.52
4,249.00	11.92	107.27	4,239.05	-44.11	105.13	-33.31	0.62	0.62	0.05
4,344.00	11.53	105.42	4,332.07	-49.55	123.65	-36.85	0.57	-0.41	-1.95
4,438.00	11.96	105.53	4,424.10	-54.65	142.09	-40.08	0.46	0.46	0.12
4,533.00	11.42	106.24	4,517.13	-59.92	160.61	-43.45	0.59	-0.57	0.75



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,628.00	11.72	107.56	4,610.20	-65.46	178.83	-47.13	0.42	0.32	1.39
4,817.00	11.84	112.65	4,795.22	-78.72	215.03	-56.68	0.55	0.06	2.69
4,912.00	11.74	113.28	4,888.22	-86.29	232.90	-62.42	0.17	-0.11	0.66
5,006.00	11.92	113.00	4,980.22	-93.86	250.62	-68.17	0.20	0.19	-0.30
5,101.00	11.42	113.28	5,073.26	-101.41	268.29	-73.90	0.53	-0.53	0.29
5,196.00	11.82	115.66	5,166.31	-109.34	285.70	-80.04	0.66	0.42	2.51
5,290.00	11.53	115.41	5,258.36	-117.54	302.87	-86.47	0.31	-0.31	-0.27
5,385.00	11.71	114.36	5,351.42	-125.59	320.23	-92.74	0.29	0.19	-1.11
5,480.00	11.38	112.52	5,444.50	-133.16	337.67	-98.51	0.52	-0.35	-1.94
5,575.00	11.49	112.69	5,537.61	-140.40	355.05	-103.96	0.12	0.12	0.18
5,669.00	11.81	110.50	5,629.67	-147.38	372.70	-109.13	0.58	0.34	-2.33
5,764.00	11.32	108.06	5,722.75	-153.67	390.67	-113.59	0.73	-0.52	-2.57
5,954.00	11.62	106.32	5,908.95	-164.83	426.76	-121.06	0.24	0.16	-0.92
6,049.00	11.65	106.44	6,002.00	-170.24	445.15	-124.58	0.04	0.03	0.13
6,143.00	11.75	106.43	6,094.05	-175.63	463.43	-128.11	0.11	0.11	-0.01
6,238.00	11.45	106.83	6,187.11	-181.10	481.73	-131.71	0.33	-0.32	0.42
6,428.00	11.80	107.02	6,373.21	-192.24	518.36	-139.11	0.19	0.18	0.10
6,522.00	11.36	108.16	6,465.30	-197.94	536.35	-142.97	0.53	-0.47	1.21
6,617.00	11.57	109.36	6,558.40	-204.01	554.23	-147.22	0.33	0.22	1.26
6,712.00	11.56	111.34	6,651.47	-210.64	572.08	-152.01	0.42	-0.01	2.08
6,807.00	11.51	112.83	6,744.55	-217.78	589.68	-157.34	0.32	-0.05	1.57
6,902.00	11.43	114.66	6,837.66	-225.38	606.97	-163.17	0.39	-0.08	1.93
6,996.00	11.46	116.69	6,929.79	-233.46	623.78	-169.52	0.43	0.03	2.16
7,091.00	11.22	117.12	7,022.93	-241.92	640.44	-176.25	0.27	-0.25	0.45
7,186.00	11.19	118.75	7,116.12	-250.56	656.75	-183.21	0.33	-0.03	1.72
7,281.00	11.36	122.11	7,209.29	-259.97	672.75	-190.96	0.71	0.18	3.54
7,375.00	11.70	119.28	7,301.39	-269.55	688.91	-198.87	0.70	0.36	-3.01
7,470.00	11.77	113.50	7,394.41	-278.13	706.20	-205.66	1.24	0.07	-6.08
7,564.00	11.16	108.85	7,486.54	-284.89	723.60	-210.64	1.18	-0.65	-4.95
7,659.00	11.23	101.92	7,579.73	-289.77	741.35	-213.71	1.42	0.07	-7.29
7,754.00	11.16	93.55	7,672.93	-292.25	759.58	-214.34	1.71	-0.07	-8.81
7,849.00	11.32	95.70	7,766.11	-293.75	778.03	-213.98	0.47	0.17	2.26
7,944.00	11.36	99.69	7,859.26	-296.25	796.53	-214.60	0.83	0.04	4.20
8,038.00	11.33	107.50	7,951.43	-300.58	814.46	-217.11	1.63	-0.03	8.31
8,129.00	11.61	117.25	8,040.62	-307.46	831.13	-222.28	2.15	0.31	10.71
8,224.00	11.89	123.02	8,133.63	-317.17	847.84	-230.26	1.27	0.29	6.07
8,319.00	10.84	124.59	8,226.77	-327.58	863.40	-239.05	1.15	-1.11	1.65
8,413.00	10.83	125.10	8,319.09	-337.67	877.90	-247.63	0.10	-0.01	0.54
8,508.00	10.31	122.40	8,412.48	-347.36	892.38	-255.81	0.76	-0.55	-2.84
8,603.00	9.28	121.15	8,506.09	-355.88	906.11	-262.91	1.11	-1.08	-1.32
8,698.00	9.85	123.11	8,599.77	-364.28	919.47	-269.92	0.69	0.60	2.06
8,793.00	10.45	117.31	8,693.29	-372.67	933.94	-276.81	1.25	0.63	-6.11
8,887.00	11.28	110.24	8,785.60	-379.76	950.14	-282.24	1.67	0.88	-7.52
8,982.00	12.68	105.61	8,878.54	-385.78	968.90	-286.34	1.79	1.47	-4.87



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,077.00	13.05	105.46	8,971.15	-391.45	989.28	-289.93	0.39	0.39	-0.16
9,172.00	12.92	106.94	9,063.72	-397.40	1,009.78	-293.79	0.38	-0.14	1.56
9,267.00	11.26	106.08	9,156.61	-403.07	1,028.85	-297.51	1.76	-1.75	-0.91
9,362.00	9.98	106.74	9,249.98	-408.01	1,045.64	-300.73	1.35	-1.35	0.69
9,545.00	9.98	108.68	9,430.21	-417.65	1,075.85	-307.29	0.18	0.00	1.06
9,594.00	9.57	107.92	9,478.50	-420.27	1,083.75	-309.09	0.88	-0.84	-1.55
9,689.00	11.84	78.93	9,571.91	-420.83	1,100.84	-307.93	6.07	2.39	-30.52
9,784.00	24.43	48.32	9,662.19	-405.80	1,125.23	-290.53	16.20	13.25	-32.22
9,879.00	36.55	40.51	9,743.93	-371.09	1,158.41	-252.65	13.40	12.76	-8.22
9,973.00	42.54	26.46	9,816.53	-321.21	1,190.85	-199.77	11.42	6.37	-14.95
10,068.00	48.67	25.06	9,882.96	-260.09	1,220.29	-135.99	6.54	6.45	-1.47
10,123.31	50.24	24.44	9,918.92	-221.92	1,237.89	-96.25	2.97	2.84	-1.12
SL: 10123.31' MD, 50.24° Inc, 24.44° Azm									
10,163.00	51.37	24.01	9,944.00	-193.87	1,250.51	-67.07	2.97	2.84	-1.08
10,258.00	56.90	17.65	9,999.67	-121.95	1,277.71	7.22	7.95	5.82	-6.69
10,258.17	56.90	17.65	9,999.76	-121.82	1,277.75	7.36	0.00	0.00	0.00
FTP: 10258.17' MD, 56.90° Inc, 17.65° Azm									
10,352.00	63.14	12.00	10,046.65	-43.29	1,298.40	87.56	8.45	6.65	-6.02
10,447.00	68.31	8.83	10,085.70	41.84	1,314.00	173.84	6.23	5.44	-3.34
10,543.00	80.05	3.94	10,111.84	133.46	1,324.13	266.00	13.17	12.23	-5.09
10,637.00	90.48	1.26	10,119.59	226.90	1,328.36	359.40	11.45	11.10	-2.85
10,692.00	92.67	1.54	10,118.08	281.86	1,329.70	414.22	4.01	3.98	0.51
10,732.00	93.57	3.08	10,115.90	321.77	1,331.31	454.08	4.45	2.25	3.85
10,827.00	86.30	358.78	10,116.01	416.67	1,332.85	548.66	8.89	-7.65	-4.53
10,922.00	86.66	359.44	10,121.84	511.48	1,331.38	642.84	0.79	0.38	0.69
10,967.00	90.64	0.37	10,122.90	556.46	1,331.31	687.58	9.08	8.84	2.07
11,062.00	88.35	359.79	10,123.74	651.45	1,331.44	782.10	2.49	-2.41	-0.61
11,157.00	88.49	1.53	10,126.36	746.40	1,332.53	876.68	1.84	0.15	1.83
11,251.00	88.77	359.51	10,128.61	840.36	1,333.38	970.26	2.17	0.30	-2.15
11,346.00	88.39	355.70	10,130.96	935.23	1,329.42	1,064.25	4.03	-0.40	-4.01
11,441.00	88.51	349.47	10,133.53	1,029.36	1,317.17	1,156.66	6.56	0.13	-6.56
11,535.00	89.03	342.41	10,135.55	1,120.46	1,294.35	1,245.01	7.53	0.55	-7.51
11,630.00	89.26	347.22	10,136.97	1,212.11	1,269.48	1,333.68	5.07	0.24	5.06
11,724.00	86.94	354.73	10,140.09	1,304.82	1,254.75	1,424.44	8.36	-2.47	7.99
11,819.00	89.69	0.77	10,142.89	1,399.65	1,251.02	1,518.42	6.98	2.89	6.36
11,914.00	91.62	0.77	10,141.80	1,494.63	1,252.30	1,613.05	2.03	2.03	0.00
12,008.00	91.19	4.10	10,139.50	1,588.51	1,256.29	1,706.85	3.57	-0.46	3.54
12,103.00	90.11	4.64	10,138.42	1,683.22	1,263.53	1,801.81	1.27	-1.14	0.57
12,198.00	89.66	4.92	10,138.61	1,777.89	1,271.45	1,896.80	0.56	-0.47	0.29
12,293.00	89.45	4.09	10,139.35	1,872.60	1,278.91	1,991.77	0.90	-0.22	-0.87
12,388.00	89.85	3.24	10,139.93	1,967.40	1,284.98	2,086.70	0.99	0.42	-0.89
12,482.00	90.07	1.60	10,139.99	2,061.31	1,288.95	2,180.54	1.76	0.23	-1.74
12,577.00	89.72	2.65	10,140.17	2,156.24	1,292.47	2,275.34	1.17	-0.37	1.11



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,672.00	88.22	1.71	10,141.88	2,251.16	1,296.09	2,370.14	1.86	-1.58	-0.99
12,766.00	91.36	5.49	10,142.22	2,344.94	1,301.99	2,464.04	5.23	3.34	4.02
12,861.00	91.10	2.61	10,140.18	2,439.67	1,308.69	2,558.96	3.04	-0.27	-3.03
12,956.00	88.58	359.86	10,140.45	2,534.63	1,310.74	2,653.65	3.93	-2.65	-2.89
13,051.00	88.46	359.69	10,142.90	2,629.60	1,310.37	2,748.10	0.22	-0.13	-0.18
13,146.00	91.99	1.14	10,142.53	2,724.58	1,311.06	2,842.66	4.02	3.72	1.53
13,240.00	89.84	0.63	10,141.03	2,818.55	1,312.51	2,936.30	2.35	-2.29	-0.54
13,335.00	88.01	2.52	10,142.81	2,913.49	1,315.12	3,031.02	2.77	-1.93	1.99
13,430.00	88.31	4.37	10,145.86	3,008.27	1,320.82	3,125.89	1.97	0.32	1.95
13,525.00	90.28	3.35	10,147.03	3,103.04	1,327.22	3,220.83	2.34	2.07	-1.07
13,619.00	91.36	2.43	10,145.68	3,196.90	1,331.96	3,314.70	1.51	1.15	-0.98
13,714.00	94.62	0.64	10,140.73	3,291.72	1,334.50	3,409.29	3.91	3.43	-1.88
13,809.00	92.76	357.16	10,134.61	3,386.49	1,332.68	3,503.39	4.15	-1.96	-3.66
13,904.00	90.92	354.83	10,131.56	3,481.20	1,326.05	3,596.95	3.12	-1.94	-2.45
13,999.00	90.06	353.30	10,130.75	3,575.68	1,316.22	3,689.97	1.85	-0.91	-1.61
14,094.00	88.96	351.72	10,131.56	3,669.87	1,303.84	3,782.43	2.03	-1.16	-1.66
14,188.00	89.34	351.29	10,132.96	3,762.82	1,289.96	3,873.52	0.61	0.40	-0.46
14,283.00	89.77	352.22	10,133.69	3,856.84	1,276.33	3,965.68	1.08	0.45	0.98
14,377.00	85.83	352.96	10,137.30	3,949.96	1,264.22	4,057.12	4.26	-4.19	0.79
14,472.00	84.26	355.53	10,145.51	4,044.12	1,254.73	4,149.84	3.16	-1.65	2.71
14,567.00	83.29	359.28	10,155.81	4,138.45	1,250.45	4,243.26	4.05	-1.02	3.95
14,661.00	84.80	2.84	10,165.57	4,231.90	1,252.18	4,336.42	4.09	1.61	3.79
14,756.00	88.27	3.67	10,171.31	4,326.56	1,257.57	4,431.14	3.76	3.65	0.87
14,851.00	89.46	3.38	10,173.19	4,421.36	1,263.41	4,526.04	1.29	1.25	-0.31
14,946.00	89.30	1.71	10,174.22	4,516.26	1,267.63	4,620.88	1.77	-0.17	-1.76
15,041.00	91.20	0.53	10,173.80	4,611.23	1,269.48	4,715.56	2.35	2.00	-1.24
15,135.00	90.12	358.49	10,172.72	4,705.22	1,268.68	4,808.99	2.46	-1.15	-2.17
15,230.00	92.10	357.21	10,170.88	4,800.13	1,265.12	4,903.06	2.48	2.08	-1.35
15,325.00	90.52	357.04	10,168.71	4,894.98	1,260.35	4,996.95	1.67	-1.66	-0.18
15,420.00	90.65	357.38	10,167.74	4,989.86	1,255.73	5,090.88	0.38	0.14	0.36
15,515.00	90.49	359.21	10,166.79	5,084.81	1,252.90	5,185.07	1.93	-0.17	1.93
15,609.00	90.22	1.61	10,166.21	5,178.80	1,253.58	5,278.65	2.57	-0.29	2.55
15,704.00	90.96	4.08	10,165.23	5,273.67	1,258.29	5,373.51	2.71	0.78	2.60
15,799.00	89.95	2.97	10,164.48	5,368.48	1,264.13	5,468.43	1.58	-1.06	-1.17
15,894.00	90.68	2.12	10,163.96	5,463.39	1,268.35	5,563.28	1.18	0.77	-0.89
15,989.00	90.89	1.70	10,162.65	5,558.33	1,271.51	5,658.05	0.49	0.22	-0.44
16,084.00	90.48	0.33	10,161.52	5,653.30	1,273.20	5,752.72	1.51	-0.43	-1.44
16,179.00	91.12	359.89	10,160.19	5,748.29	1,273.38	5,847.24	0.82	0.67	-0.46
16,273.00	90.95	359.48	10,158.49	5,842.27	1,272.86	5,940.70	0.47	-0.18	-0.44
16,368.00	91.12	358.89	10,156.78	5,937.25	1,271.51	6,035.05	0.65	0.18	-0.62
16,463.00	89.33	357.63	10,156.41	6,032.20	1,268.63	6,129.23	2.30	-1.88	-1.33
16,558.00	90.48	359.66	10,156.56	6,127.17	1,266.38	6,223.49	2.46	1.21	2.14
16,653.00	89.62	359.93	10,156.48	6,222.16	1,266.04	6,317.97	0.95	-0.91	0.28
16,747.00	90.07	0.49	10,156.73	6,316.16	1,266.39	6,411.53	0.76	0.48	0.60



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,842.00	90.88	0.72	10,155.95	6,411.15	1,267.39	6,506.14	0.89	0.85	0.24
16,937.00	90.67	1.56	10,154.66	6,506.12	1,269.28	6,600.82	0.91	-0.22	0.88
17,032.00	90.29	2.38	10,153.87	6,601.06	1,272.54	6,695.60	0.95	-0.40	0.86
17,126.00	90.35	2.44	10,153.34	6,694.98	1,276.50	6,789.44	0.09	0.06	0.06
17,221.00	90.77	3.03	10,152.41	6,789.87	1,281.03	6,884.30	0.76	0.44	0.62
17,316.00	90.45	3.67	10,151.40	6,884.70	1,286.58	6,979.21	0.75	-0.34	0.67
17,410.00	90.27	4.93	10,150.81	6,978.43	1,293.63	7,073.17	1.35	-0.19	1.34
17,505.00	90.26	5.91	10,150.37	7,073.00	1,302.60	7,168.17	1.03	-0.01	1.03
17,600.00	90.36	5.85	10,149.86	7,167.50	1,312.33	7,263.17	0.12	0.11	-0.06
17,695.00	89.88	5.95	10,149.66	7,262.00	1,322.10	7,358.17	0.52	-0.51	0.11
17,765.00	89.57	6.62	10,149.99	7,331.58	1,329.76	7,428.16	1.05	-0.44	0.96
17,859.00	89.25	1.86	10,150.96	7,425.29	1,336.71	7,522.10	5.07	-0.34	-5.06
17,954.00	89.06	357.87	10,152.36	7,520.26	1,336.49	7,616.56	4.20	-0.20	-4.20
18,048.00	91.42	357.65	10,151.97	7,614.18	1,332.81	7,709.64	2.52	2.51	-0.23
18,143.00	89.32	347.62	10,151.36	7,708.27	1,320.65	7,802.03	10.79	-2.21	-10.56
18,238.00	91.17	347.84	10,150.95	7,801.09	1,300.46	7,892.35	1.96	1.95	0.23
18,333.00	89.31	350.44	10,150.55	7,894.38	1,282.57	7,983.36	3.36	-1.96	2.74
18,428.00	88.33	348.73	10,152.51	7,987.79	1,265.40	8,074.57	2.07	-1.03	-1.80
18,523.00	92.01	348.88	10,152.23	8,080.96	1,246.96	8,165.42	3.88	3.87	0.16
18,618.00	91.88	351.67	10,149.00	8,174.53	1,230.92	8,256.90	2.94	-0.14	2.94
18,713.00	91.19	353.90	10,146.46	8,268.74	1,218.99	8,349.43	2.46	-0.73	2.35
18,807.00	90.38	354.99	10,145.17	8,362.29	1,209.89	8,441.59	1.44	-0.86	1.16
18,902.00	88.33	356.31	10,146.24	8,457.00	1,202.69	8,535.09	2.57	-2.16	1.39
18,997.00	87.40	356.41	10,149.78	8,551.74	1,196.66	8,628.75	0.98	-0.98	0.11
19,092.00	87.56	356.77	10,153.95	8,646.48	1,191.02	8,722.44	0.41	0.17	0.38
19,187.00	87.60	355.92	10,157.96	8,741.20	1,184.97	8,816.07	0.89	0.04	-0.89
19,282.00	86.70	355.35	10,162.69	8,835.81	1,177.75	8,909.47	1.12	-0.95	-0.60
19,376.00	87.95	355.20	10,167.08	8,929.39	1,170.01	9,001.79	1.34	1.33	-0.16
19,471.00	87.67	354.47	10,170.71	9,023.93	1,161.47	9,095.00	0.82	-0.29	-0.77
19,566.00	89.56	352.91	10,173.00	9,118.32	1,151.03	9,187.86	2.58	1.99	-1.64
19,661.00	88.38	353.33	10,174.71	9,212.62	1,139.65	9,280.54	1.32	-1.24	0.44
19,756.00	93.29	355.04	10,173.33	9,307.09	1,130.03	9,373.56	5.47	5.17	1.80
19,850.00	91.61	353.52	10,169.31	9,400.53	1,120.67	9,465.58	2.41	-1.79	-1.62
19,945.00	90.53	353.51	10,167.53	9,494.90	1,109.94	9,558.40	1.14	-1.14	-0.01
20,040.00	91.01	353.97	10,166.26	9,589.33	1,099.58	9,651.30	0.70	0.51	0.48
20,135.00	91.07	356.48	10,164.53	9,683.98	1,091.68	9,744.67	2.64	0.06	2.64
20,230.00	88.61	355.41	10,164.80	9,778.73	1,084.96	9,838.27	2.82	-2.59	-1.13
20,325.00	85.76	353.79	10,169.46	9,873.18	1,076.03	9,931.34	3.45	-3.00	-1.71
20,420.00	84.39	353.12	10,177.62	9,967.21	1,065.24	10,023.81	1.60	-1.44	-0.71
20,514.00	84.42	352.52	10,186.78	10,060.03	1,053.55	10,114.98	0.64	0.03	-0.64
20,609.00	84.38	352.19	10,196.05	10,153.73	1,040.97	10,206.95	0.35	-0.04	-0.35
20,704.00	85.57	352.16	10,204.37	10,247.49	1,028.09	10,298.93	1.25	1.25	-0.03
20,734.00	85.65	351.92	10,206.67	10,277.11	1,023.95	10,327.98	0.84	0.27	-0.80



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 36H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.30usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.30usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 36H	North Reference:	Grid
Wellbore:	OH / 69244	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Final Phoenix MWD Survey									
20,744.30	85.65	351.92	10,207.45	10,287.28	1,022.50	10,337.95	0.00	0.00	0.00
LTP: 20744.30' MD, 85.65° Inc, 351.92° Azm									
20,806.00	85.65	351.92	10,212.13	10,348.19	1,013.86	10,397.69	0.00	0.00	0.00
Projection to TD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
489.64	489.63	-2.59	-0.51	Tie In
556.00	555.99	-2.84	-0.25	First Phoenix MWD Survey
10,123.31	9,918.92	-221.92	1,237.89	SL: 10123.31' MD, 50.24° Inc, 24.44° Azm
10,258.17	9,999.76	-121.82	1,277.75	FTP: 10258.17' MD, 56.90° Inc, 17.65° Azm
20,734.00	10,206.67	10,277.11	1,023.95	Final Phoenix MWD Survey
20,744.30	10,207.45	10,287.28	1,022.50	LTP: 20744.30' MD, 85.65° Inc, 351.92° Azm
20,806.00	10,212.13	10,348.19	1,013.86	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: TAILS CC 10_3 FED COM	Well Location: T24S / R29E / SEC 10 / SWSE /	County or Parish/State: /
Well Number: 36H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM081616	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548964	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2690458

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 09/01/2022	Time Sundry Submitted: 02:19
Date Operation Actually Began: 05/11/2022	

Actual Procedure: RUPU 05/11/22, RIH & clean out to PBTD @ 20758', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 20672-10371' Total 1462 holes. Frac in 43 stages w/ 228317BBL Produced Water + 229117BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 25640160# sand, RD NexTier 05/28/22. Well ready to produce 06/03/22. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 09/30/2022. Formation Tops for this completion are as follows: RUSTLER 220'M 220'V SALADO 596'M 596'V CASTILE 1588'M 1588'V DELAWARE 3066'M 3066'V BELL CANYON 3103'M 3103'V CHERRY CANYON 3887'M 3885'V BRUSHY CANYON 5127'M 5099'V BONE SPRING 6782'M 6720'V 1ST BONE SPRING 7849'M 7766'V 2ND BONE SPRING 8702'M 8603'V 3RD BONE SPRING 9794'M 9670'V WOLFCAMP 10303'M 10022V

Well Name: TAILS CC 10_3 FED COM	Well Location: T24S / R29E / SEC 10 / SWSE /	County or Parish/State: /
Well Number: 36H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM081616	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548964	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JANA MENDIOLA

Signed on: SEP 01, 2022 02:18 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:

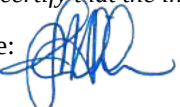
City:

State:

Zip:

Phone:

Email address:

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. 30-015-48964			
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN			
							3. State Oil & Gas Lease No.			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							5. Lease Name or Unit Agreement Name TAILS CC 10-3 FEDERAL COM			
8. Name of Operator: OXY USA INC.						6. Well Number: 36H				
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	10	24S	29E		220	SOUTH	1670	EAST	EDDY
BH:	L1	3	24S	29E		40	NORTH	581	EAST	EDDY
13. Date Spudded 12/22/21	14. Date T.D. Reached 05/05/2022	15. Date Rig Released 05/07/2022			16. Date Completed (Ready to Produce) 06/03/2022			17. Elevations (DF and RKB, RT, GR, etc.) 2939' GL		
18. Total Measured Depth of Well 20806'M 10212'V			19. Plug Back Measured Depth 20758'M 10208'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10371-20672' 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		514'		14.75"		515sx-surf circ		
7.625" HCL80		26.4		9495'		9.875"		2300sx-surf		
5.5" P110CY		20		20786'		6.75"		871sx-TOC@8900'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
26. Perforation record (interval, size, and number) 10371-20672' Total 1462 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10371-20672'		228317BBL Produced Water + 229117BBL Brackish Water w/ 25640160# sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
06/07/2022		Flowing				Prod.				
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
07/10/2022	24 hrs.	50/128	Test Period	2593	4645	5631	1791			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	1559		2593	4645	5631					
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: 		Name: <u>Jana Mendiola</u>			Title: <u>Sr. Regulatory Analyst</u>			Date: <u>09/01/2022</u>		
E-mail Address: <u>janalyn_mendiola@oxy.com</u>										

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

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 220'	T. Bell Canyon 3103'	T. Ojo Alamo	T. Penn A"
T. Salado 596'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 1588'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 3066'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 3887'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 5127'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 6782'	T. Todilto	
T. Abo	T. 1 st Bone Springs 7849'	T. Entrada	
T. Wolfcamp 10303'	T. 2 nd Bone Springs 8702'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 9794'	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.....

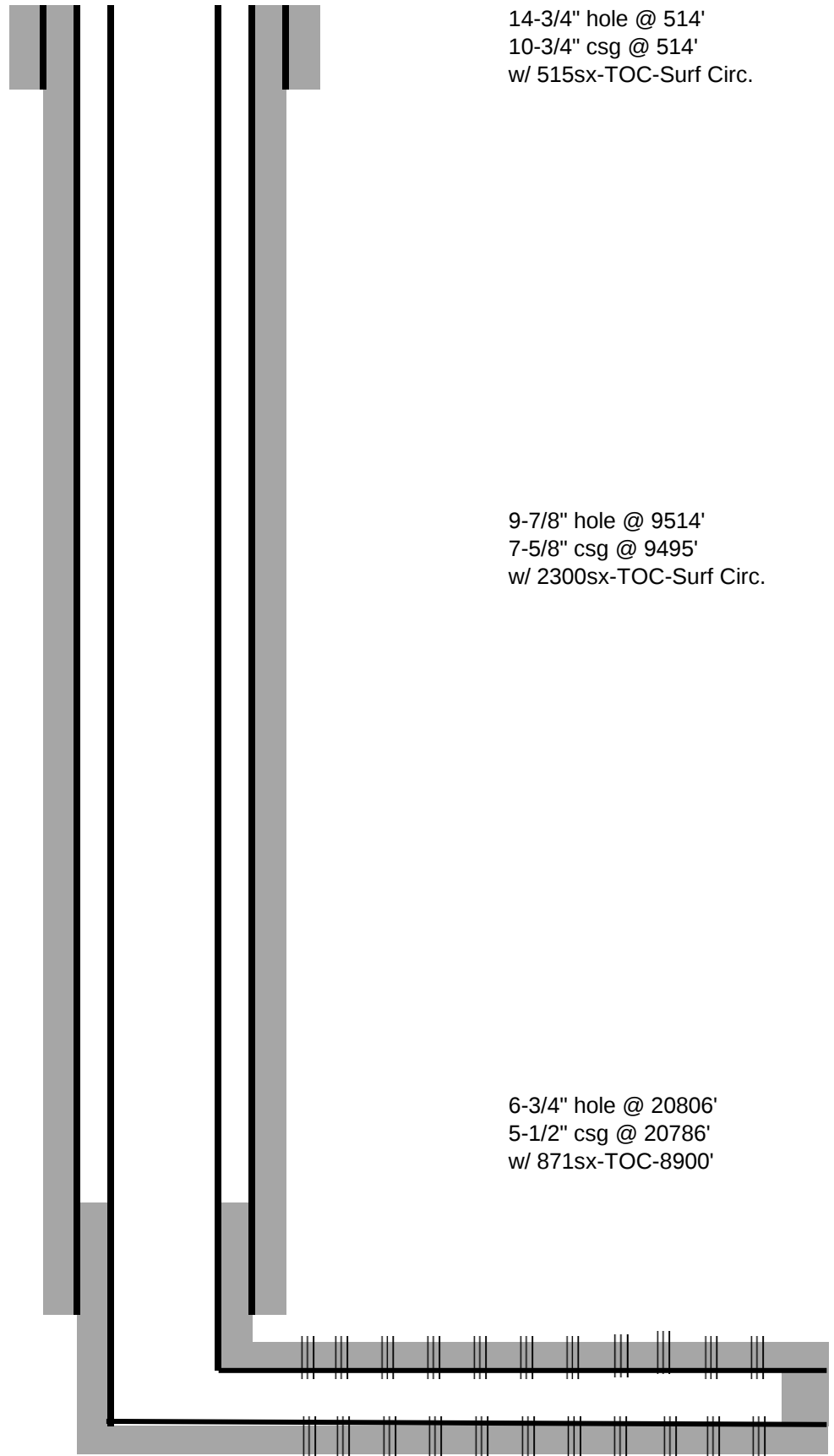
No. 2, from.....to.....feet.....

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

OXY USA Inc.
Tails CC 10-3 Federal Com 36H
API No. 30-015-48964



14-3/4" hole @ 514'
10-3/4" csg @ 514'
w/ 515sx-TOC-Surf Circ.

9-7/8" hole @ 9514'
7-5/8" csg @ 9495'
w/ 2300sx-TOC-Surf Circ.

6-3/4" hole @ 20806'
5-1/2" csg @ 20786'
w/ 871sx-TOC-8900'

Perfs @ 10371-20672'

TD- 20806'M 10212'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 140306

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 140306
	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
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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 140306

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 140306
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/16/2022