

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date: NW - 06/03/2022
⁴ API Number 30 - 015-48959	⁵ Pool Name PURPLE SAGE WOLFCAMP *NSL-8244	⁶ Pool Code 98220
⁷ Property Code: 329988	⁸ Property Name: TAILS CC 10-3 FEDERAL COM	⁹ Well Number: 34H

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	1740	EAST	EDDY

¹¹ Bottom Hole Location

FTP- 152' FSL 1662' FEL LTP- 180' FNL 1684' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L2	3	24S	29E		47	NORTH	1688	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 06/08/22		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 12/20/21	²² Ready Date 06/03/2022	²³ TD 20562'M 10138'V	²⁴ PBTD 20515'M 10137'V	²⁵ Perforations 10127-20428'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14-3/4"		10-3/4"		485'	515
9-7/8"		7-5/8"		9495'	968
6-3/4"		5-1/2"		20542'	1000

V. Well Test Data

³¹ Date New Oil 06/08/22	³² Gas Delivery Date 06/08/22	³³ Test Date 07/12/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2179
³⁷ Choke Size 54/128	³⁸ Oil 3099	³⁹ Water 4655	⁴⁰ Gas 4714		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: JANA MENDIOLA

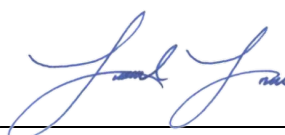
Title: SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 09/01/2022
Phone: 422-685-5936

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 30-015-48959	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 34H
		⁹ Elevation 2940'

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	1740	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 2	3	24S	29E		47	NORTH	1688	EAST	EDDY
¹² Dedicated Acres 1278.62	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8244						

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: 652967.76' / 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: 453628.09' D - X: 614411.31' / Y: 450971.20' E - X: 614424.32' / Y: 448316.23' F - X: 614437.66' / Y: 445681.21' 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 this division. JANA MENDIOLA Date: 06/02/2022 Printed Name: janalyn_mendiola@oxy.com E-mail Address:	
	BOTTOM HOLE LOCATION 47' FNL 1688' FEL, SECTION 3 20562' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653857.23' / Y: 456284.62' LAT: 32.25387742N / LON: 103.96934703W NAD 27, SPCS NM EAST X: 612673.63' / Y: 456225.45' LAT: 32.25375496N / LON: 103.96885750W	LAST TAKE POINT 180' FNL 1684' FEL, SECTION 3 20428' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653862.63' / Y: 456150.74' LAT: 32.25350936N / LON: 103.96933104W NAD 27, SPCS NM EAST X: 612679.03' / Y: 456091.57' LAT: 32.25338690N / LON: 103.96884152W	FIRST TAKE POINT 152' FSL 1682' FEL, SECTION 10 10127' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653958.47' / Y: 445874.46' LAT: 32.22526057N / LON: 103.96913375W NAD 27, SPCS NM EAST X: 612774.59' / Y: 445815.51' LAT: 32.22513780N / LON: 103.96864526W	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. DAVID W. MYERS NEW MEXICO PROFESSIONAL SURVEYOR 11403 Date of Survey: JUNE 1, 2022 Signature and Seal of Professional Surveyor:
	KICK OFF POINT 100' FNL 1682' FEL, SECTION 15 9506' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653939.74' / Y: 445622.82' LAT: 32.22456902N / LON: 103.96919705W NAD 27, SPCS NM EAST X: 612755.86' / Y: 445563.87' LAT: 32.22444623N / LON: 103.96870859W	SURFACE HOLE LOCATION 220' FSL 1740' FEL, SECTION 10 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 653880.30' / Y: 445942.80' LAT: 32.22544915N / LON: 103.96938577W NAD 27, SPCS NM EAST X: 612696.43' / Y: 445883.84' LAT: 32.22532637N / LON: 103.96889727W	Certificate Number DAVID W. MYERS 11403	

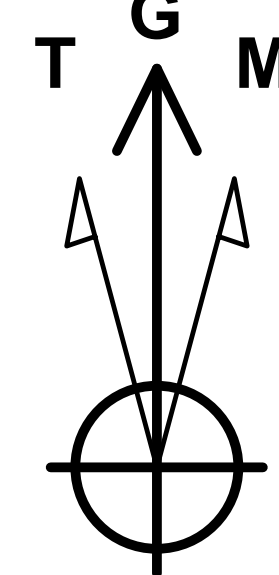
Distances/areas relative to NAD 83 Combined Scale Factor: 0.99978625 Convergence Angle: 00°11'10.650012"



Project: Eddy County, NM (NAD83-NME)
Site: Tails CC 10_3 Federal Com
Well: Tails CC 10_3 Federal Com 34H
Wellbore: OH / 69242
Design: Plan 4 03-21-22
Rig: H&P 479



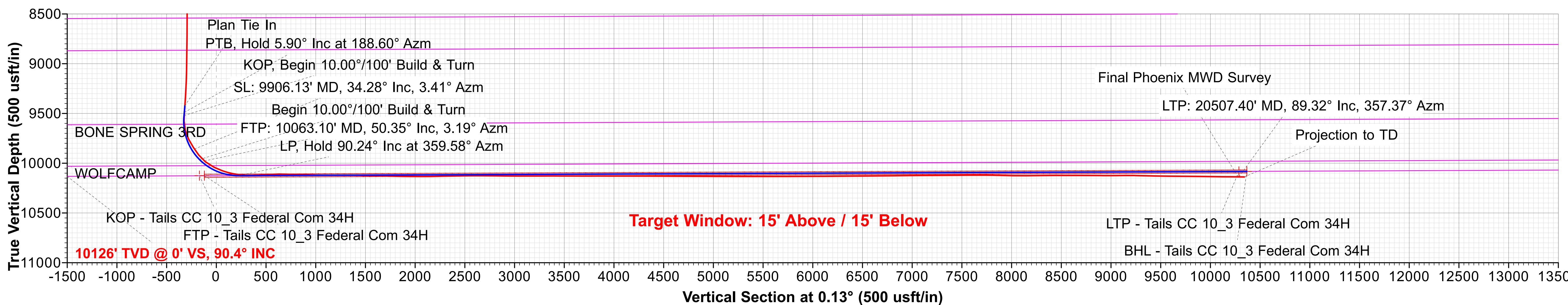
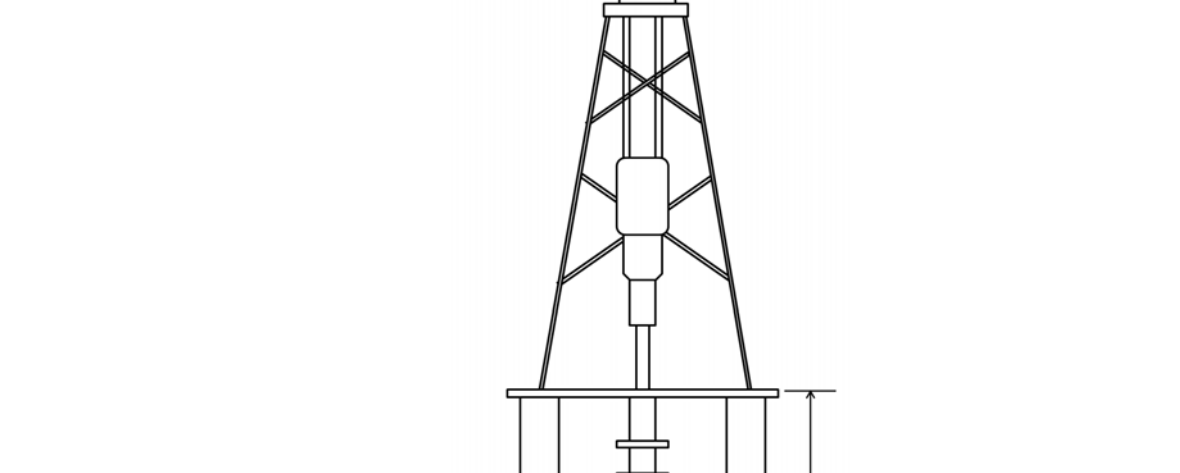
PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.60°
Magnetic Field
Strength: 47609.1nT
Dip Angle: 59.95°
Date: 3/15/2022
Model: IFR

RKB @ 2964.50usft (H&P 479)

Ground Level: 2939.50



WELL DETAILS											
			Ground Level: 2939.50			Latitude			Longitude		
+N/-S			+E/-W			Northing			Easting		
0.00			0.00			445942.80			653880.30		
						32° 13' 31.616925 N			103° 58' 9.788769 W		

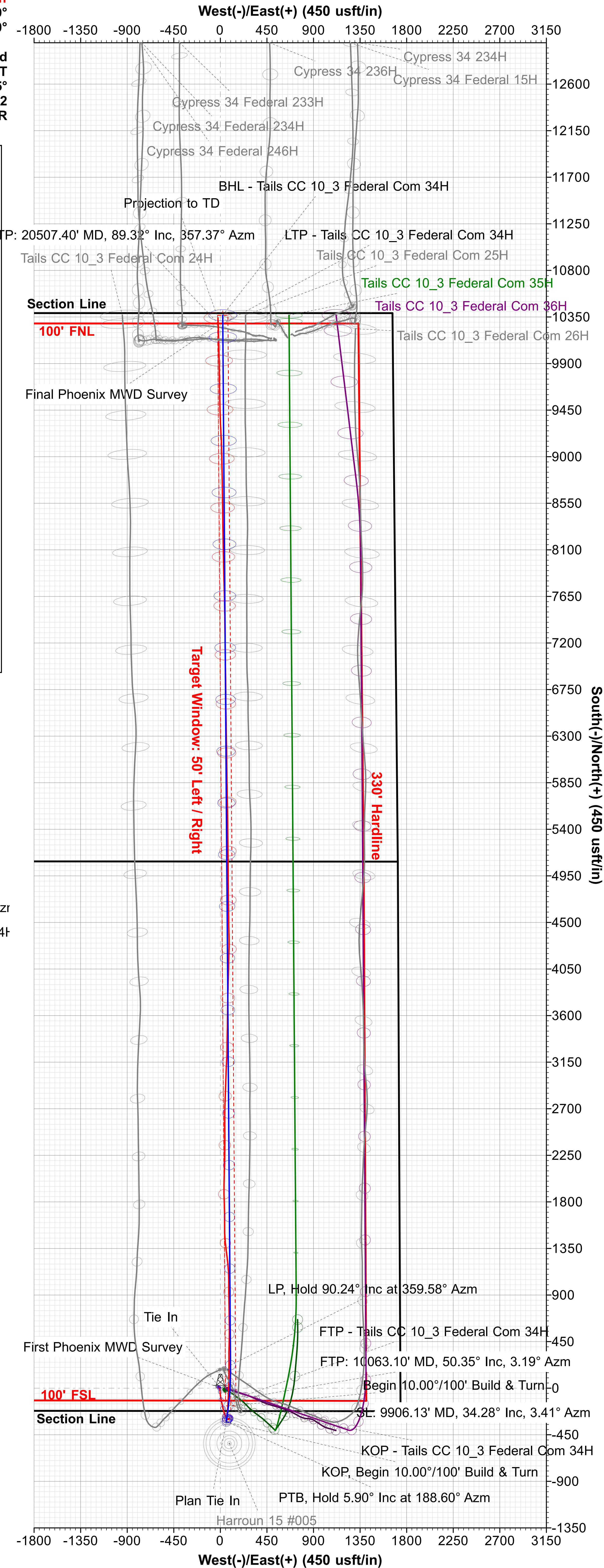
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	9449.00	3.80	188.60	9424.01	-316.27	59.93	0.00	0.000	-316.13		Plan Tie In
2	9515.00	5.90	188.60	9489.77	-321.79	59.09	3.18	0.000	-321.65		PTB, Hold 5.90° Inc at 188.60° Azm
3	9546.57	5.90	188.60	9521.17	-324.99	58.61	0.00	0.000	-324.86		KOP, Begin 10.00°/100' Build & Turn
4	10031.32	45.00	7.53	9963.10	-169.35	78.69	10.50	179.029	-169.17		Begin 10.00°/100' Build & Turn
5	10467.39	90.24	359.58	10125.07	222.60	98.36	10.50	-11.138	222.82		LP, Hold 90.24° Inc at 359.58° Azm
6	20612.45	90.24	359.58	10082.57	10367.30	23.30	0.00	0.000	10367.33	BHL - Tails CC 10_3 Federal Com 34H	TD at 20612.45

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
177.50	177.50	RUSTLER	
571.50	571.51	SALADO	
1566.45	1566.62	CASTILE	
3017.47	3017.94	LAMAR	
3037.47	3037.95	BELL CANYON	
3866.56	3867.43	CHERRY CANYON	
5124.33	5140.45	BRUSHY CANYON	
6732.76	6756.87	BONE SPRING	
7754.73	7778.90	BONE SPRING 1ST	
8040.72	8064.91	Second Bone Spring Limestone	
8541.73	8566.09	BONE SPRING 2ND	
8864.74	8889.21	Third Bone Spring Limestone	
9608.87	9634.38	BONE SPRING 3RD	
10024.90	10127.52	WOLFCAMP	
10125.08	10464.69	10126' TVD @ 0° VS, 90.4° 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 34H, Grid North
Latitude: 32° 13' 31.616925 N
Longitude: 103° 58' 9.788769 W
Grid East: 653880.30
Grid North: 445942.80
Scale Factor: 1.000
Geomagnetic Model: IFR
Sample Date: 15-Mar-22
Magnetic Declination: 6.797°
Dip Angle from Horizontal: 59.952°
Magnetic Field Strength: 47609.1000000nT
To convert a Magnetic Direction to a Grid Direction, Add 6.603°
To convert a Magnetic Direction to a True Direction, Add 6.797° East
To convert a True Direction to a Grid Direction, Subtract 0.194°

LEGEND

- Tails CC 10_3 Federal Com 35H, OH / 69243, Surveys (H&P 479) V0
- Tails CC 10_3 Federal Com 35H, OH / 69243, Plan 4 03-28-22 V0
- Tails CC 10_3 Federal Com 36H, OH / 69244, Surveys (H&P 479) V0
- Tails CC 10_3 Federal Com 36H, OH / 69244, Plan 2 02-04-22 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
- Harroun 15 #005, OH, Surveys V0
- Plan 4 03-21-22





OXY USA INC.

Eddy County, NM (NAD83-NME)

Tails CC 10_3 Federal Com

Tails CC 10_3 Federal Com 34H

OH / 69242

Design: Surveys (H&P 479)

Standard Survey Report

14 April, 2022



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	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 34H		
Well Position	+N/-S	0.00 usft	Latitude: 32° 13' 31.616925 N
	+E/-W	0.00 usft	Longitude: 103° 58' 9.788769 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	2,939.50 usft

Wellbore	OH / 69242				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	3/15/2022	6.797	59.952	47,609.10000000

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)	Direction (°)	
	0.00	0.00	0.00	0.13	

Survey Program	Date	4/14/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
19.00	473.47	Gyrodata Gyro Surveys (OH / 69242)	GYD_G003_GC+DROP+	Gyrodata Stationary Tool drop on BHA on open h
619.00	20,562.00	Phoenix MWD Surveys - SQC R4 (OH / 69242)	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
63.73	0.38	264.35	63.73	-0.01	-0.15	-0.01	0.85	0.85	0.00
125.14	0.24	262.51	125.14	-0.05	-0.48	-0.05	0.23	-0.23	-3.00
213.39	0.17	195.71	213.39	-0.20	-0.70	-0.20	0.26	-0.08	-75.69
303.02	0.27	96.18	303.02	-0.35	-0.52	-0.35	0.38	0.11	-111.05
397.44	0.29	80.77	397.44	-0.34	-0.07	-0.34	0.08	0.02	-16.32
473.47	0.51	48.26	473.46	-0.08	0.38	-0.08	0.40	0.29	-42.76
Tie In									
619.00	0.77	33.37	618.99	1.17	1.40	1.17	0.21	0.18	-10.23



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	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									
769.00	0.85	23.05	768.97	3.03	2.39	3.04	0.11	0.05	-6.88
863.00	0.91	18.42	862.96	4.38	2.90	4.39	0.10	0.06	-4.93
956.00	0.73	16.04	955.95	5.65	3.29	5.66	0.20	-0.19	-2.56
1,048.00	0.77	9.55	1,047.94	6.82	3.56	6.83	0.10	0.04	-7.05
1,141.00	1.05	350.83	1,140.93	8.28	3.53	8.29	0.44	0.30	-20.13
1,234.00	1.10	324.65	1,233.92	9.85	2.87	9.86	0.53	0.05	-28.15
1,327.00	1.14	289.11	1,326.90	10.88	1.48	10.89	0.74	0.04	-38.22
1,421.00	1.40	294.89	1,420.88	11.67	-0.44	11.67	0.31	0.28	6.15
1,516.00	1.60	286.83	1,515.84	12.54	-2.76	12.54	0.31	0.21	-8.48
1,611.00	1.57	290.49	1,610.81	13.38	-5.25	13.37	0.11	-0.03	3.85
1,706.00	1.48	282.73	1,705.77	14.11	-7.67	14.09	0.24	-0.09	-8.17
1,801.00	1.25	284.22	1,800.75	14.63	-9.87	14.61	0.24	-0.24	1.57
1,895.00	1.06	287.63	1,894.73	15.15	-11.69	15.12	0.21	-0.20	3.63
1,990.00	1.17	272.70	1,989.71	15.46	-13.50	15.43	0.33	0.12	-15.72
2,085.00	1.31	282.70	2,084.69	15.75	-15.53	15.71	0.27	0.15	10.53
2,180.00	1.25	279.94	2,179.66	16.16	-17.61	16.12	0.09	-0.06	-2.91
2,275.00	0.96	277.23	2,274.65	16.44	-19.42	16.40	0.31	-0.31	-2.85
2,370.00	0.56	237.58	2,369.64	16.29	-20.60	16.25	0.67	-0.42	-41.74
2,465.00	0.63	220.47	2,464.63	15.65	-21.33	15.60	0.20	0.07	-18.01
2,559.00	0.62	187.37	2,558.63	14.75	-21.73	14.70	0.38	-0.01	-35.21
2,654.00	1.23	186.00	2,653.61	13.23	-21.90	13.18	0.64	0.64	-1.44
2,749.00	1.80	177.04	2,748.58	10.72	-21.93	10.67	0.65	0.60	-9.43
2,844.00	0.91	143.71	2,843.55	8.62	-21.41	8.58	1.21	-0.94	-35.08
2,939.00	0.94	147.82	2,938.54	7.36	-20.55	7.31	0.08	0.03	4.33
3,034.00	1.17	130.66	3,033.53	6.06	-19.40	6.02	0.41	0.24	-18.06
3,129.00	1.13	134.77	3,128.51	4.77	-17.99	4.73	0.10	-0.04	4.33
3,223.00	1.14	128.57	3,222.49	3.54	-16.61	3.50	0.13	0.01	-6.60
3,318.00	1.22	141.14	3,317.47	2.16	-15.23	2.13	0.28	0.08	13.23
3,413.00	1.32	141.56	3,412.45	0.52	-13.92	0.48	0.11	0.11	0.44
3,508.00	1.38	139.80	3,507.42	-1.21	-12.50	-1.24	0.08	0.06	-1.85
3,603.00	2.02	142.99	3,602.38	-3.43	-10.75	-3.45	0.68	0.67	3.36
3,697.00	2.41	140.62	3,696.31	-6.28	-8.50	-6.30	0.43	0.41	-2.52
3,792.00	2.76	155.67	3,791.21	-9.90	-6.29	-9.92	0.80	0.37	15.84
3,887.00	2.84	159.74	3,886.10	-14.20	-4.53	-14.21	0.23	0.08	4.28
3,982.00	3.55	176.45	3,980.95	-19.34	-3.54	-19.35	1.23	0.75	17.59
4,077.00	4.98	174.30	4,075.69	-26.38	-2.95	-26.39	1.51	1.51	-2.26
4,172.00	6.75	175.95	4,170.18	-36.05	-2.14	-36.06	1.87	1.86	1.74
4,267.00	8.77	173.50	4,264.31	-48.82	-0.93	-48.82	2.15	2.13	-2.58
4,362.00	10.18	173.64	4,358.01	-64.36	0.82	-64.36	1.48	1.48	0.15
4,457.00	9.78	173.63	4,451.57	-80.72	2.65	-80.71	0.42	-0.42	-0.01
4,551.00	9.58	170.79	4,544.24	-96.38	4.79	-96.36	0.55	-0.21	-3.02
4,646.00	10.02	168.45	4,637.85	-112.28	7.71	-112.26	0.62	0.46	-2.46



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	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)
4,740.00	10.12	167.89	4,730.40	-128.36	11.08	-128.34	0.15	0.11	-0.60
4,835.00	10.40	167.56	4,823.88	-144.90	14.67	-144.86	0.30	0.29	-0.35
4,930.00	10.28	167.85	4,917.34	-161.56	18.30	-161.52	0.14	-0.13	0.31
5,024.00	10.50	167.44	5,009.80	-178.12	21.93	-178.07	0.25	0.23	-0.44
5,119.00	10.34	167.14	5,103.23	-194.88	25.71	-194.82	0.18	-0.17	-0.32
5,214.00	10.26	165.88	5,196.70	-211.39	29.67	-211.33	0.25	-0.08	-1.33
5,308.00	9.82	164.32	5,289.26	-227.23	33.88	-227.15	0.55	-0.47	-1.66
5,403.00	9.30	161.42	5,382.94	-242.31	38.52	-242.22	0.75	-0.55	-3.05
5,497.00	8.72	155.93	5,475.78	-256.01	43.84	-255.91	1.10	-0.62	-5.84
5,592.00	7.40	152.61	5,569.84	-268.02	49.60	-267.91	1.47	-1.39	-3.49
5,687.00	6.87	149.20	5,664.11	-278.33	55.32	-278.21	0.71	-0.56	-3.59
5,782.00	4.98	153.03	5,758.60	-286.89	60.10	-286.75	2.03	-1.99	4.03
5,876.00	3.36	148.34	5,852.35	-292.87	63.40	-292.73	1.76	-1.72	-4.99
5,971.00	2.45	139.64	5,947.22	-296.79	66.17	-296.64	1.06	-0.96	-9.16
6,066.00	2.38	136.01	6,042.14	-299.75	68.86	-299.60	0.18	-0.07	-3.82
6,160.00	2.43	128.66	6,136.06	-302.40	71.77	-302.24	0.33	0.05	-7.82
6,255.00	1.90	80.07	6,230.99	-303.39	74.89	-303.22	1.94	-0.56	-51.15
6,350.00	1.40	81.14	6,325.96	-302.94	77.59	-302.76	0.53	-0.53	1.13
6,445.00	0.89	61.66	6,420.94	-302.41	79.39	-302.23	0.67	-0.54	-20.51
6,540.00	1.10	64.28	6,515.92	-301.66	80.86	-301.48	0.23	0.22	2.76
6,634.00	0.91	64.69	6,609.91	-300.95	82.35	-300.77	0.20	-0.20	0.44
6,729.00	1.03	59.37	6,704.89	-300.20	83.76	-300.01	0.16	0.13	-5.60
6,824.00	0.52	52.28	6,799.88	-299.50	84.84	-299.31	0.55	-0.54	-7.46
6,919.00	0.17	147.35	6,894.88	-299.35	85.26	-299.16	0.59	-0.37	100.07
7,014.00	0.16	57.29	6,989.88	-299.40	85.44	-299.21	0.25	-0.01	-94.80
7,108.00	0.38	40.38	7,083.88	-299.09	85.76	-298.90	0.25	0.23	-17.99
7,203.00	1.17	28.11	7,178.87	-298.00	86.42	-297.80	0.85	0.83	-12.92
7,298.00	1.20	12.96	7,273.85	-296.17	87.10	-295.97	0.33	0.03	-15.95
7,393.00	0.75	30.49	7,368.84	-294.67	87.64	-294.47	0.56	-0.47	18.45
7,487.00	0.43	87.45	7,462.83	-294.12	88.30	-293.92	0.67	-0.34	60.60
7,582.00	0.48	91.27	7,557.83	-294.11	89.05	-293.91	0.06	0.05	4.02
7,677.00	0.64	352.60	7,652.83	-293.59	89.38	-293.39	0.90	0.17	-103.86
7,772.00	0.62	321.14	7,747.82	-292.67	88.99	-292.47	0.36	-0.02	-33.12
7,866.00	0.43	310.61	7,841.82	-292.04	88.41	-291.84	0.23	-0.20	-11.20
7,961.00	0.33	275.09	7,936.82	-291.79	87.86	-291.59	0.26	-0.11	-37.39
8,056.00	0.80	245.94	8,031.81	-292.03	86.98	-291.84	0.56	0.49	-30.68
8,150.00	1.42	239.68	8,125.79	-292.89	85.38	-292.70	0.67	0.66	-6.66
8,245.00	1.85	241.06	8,220.76	-294.22	83.02	-294.04	0.45	0.45	1.45
8,340.00	1.50	271.48	8,315.72	-294.93	80.44	-294.75	0.99	-0.37	32.02
8,435.00	1.49	303.83	8,410.69	-294.21	78.17	-294.04	0.88	-0.01	34.05
8,530.00	1.53	269.79	8,505.65	-293.53	75.87	-293.36	0.93	0.04	-35.83
8,624.00	1.63	259.31	8,599.62	-293.78	73.30	-293.62	0.32	0.11	-11.15
8,719.00	1.49	254.96	8,694.58	-294.36	70.78	-294.20	0.19	-0.15	-4.58
8,814.00	1.44	244.58	8,789.55	-295.19	68.51	-295.03	0.28	-0.05	-10.93



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,909.00	1.45	240.99	8,884.52	-296.28	66.38	-296.13	0.10	0.01	-3.78
9,003.00	1.24	218.49	8,978.50	-297.66	64.71	-297.51	0.60	-0.22	-23.94
9,098.00	1.34	222.37	9,073.47	-299.28	63.32	-299.14	0.14	0.11	4.08
9,193.00	2.24	193.81	9,168.43	-301.91	62.13	-301.77	1.31	0.95	-30.06
9,288.00	3.09	185.48	9,263.32	-306.26	61.44	-306.12	0.98	0.89	-8.77
9,383.00	3.80	189.80	9,358.15	-311.91	60.66	-311.77	0.80	0.75	4.55
9,449.00	3.80	188.59	9,424.01	-316.23	59.96	-316.09	0.12	0.00	-1.83
9,506.00	3.82	187.05	9,480.88	-319.98	59.45	-319.84	0.18	0.04	-2.70
9,601.00	1.05	226.52	9,575.79	-323.72	58.43	-323.59	3.24	-2.92	41.55
9,696.00	14.91	2.32	9,669.77	-312.03	58.29	-311.90	16.50	14.59	142.95
9,791.00	26.92	12.32	9,758.38	-278.68	63.39	-278.54	13.15	12.64	10.53
9,886.00	33.59	3.71	9,840.43	-231.37	69.69	-231.21	8.36	7.02	-9.06
9,906.13	34.28	3.41	9,857.13	-220.15	70.39	-219.99	3.55	3.45	-1.48
SL: 9906.13' MD, 34.28° Inc, 3.41° Azm									
9,980.00	36.84	2.40	9,917.22	-177.25	72.56	-177.09	3.55	3.46	-1.37
10,063.10	50.35	3.19	9,977.26	-120.15	75.39	-119.98	16.27	16.25	0.95
FTP: 10063.10' MD, 50.35° Inc, 3.19° Azm									
10,075.00	52.28	3.28	9,984.70	-110.88	75.92	-110.71	16.27	16.26	0.73
10,170.00	62.38	2.41	10,035.92	-31.11	79.85	-30.93	10.66	10.63	-0.92
10,265.00	70.03	0.75	10,074.22	55.71	82.21	55.90	8.21	8.05	-1.75
10,359.00	77.06	0.44	10,100.83	145.80	83.14	145.99	7.49	7.48	-0.33
10,454.00	83.99	0.15	10,116.46	239.45	83.62	239.63	7.30	7.29	-0.31
10,549.00	88.18	359.39	10,122.94	334.20	83.24	334.39	4.48	4.41	-0.80
10,643.00	94.50	2.82	10,120.75	428.10	85.04	428.29	7.65	6.72	3.65
10,738.00	93.46	0.24	10,114.15	522.83	87.57	523.02	2.92	-1.09	-2.72
10,833.00	91.28	359.47	10,110.22	617.74	87.33	617.93	2.43	-2.29	-0.81
10,894.00	88.15	358.39	10,110.53	678.72	86.19	678.91	5.43	-5.13	-1.77
10,957.00	88.43	358.91	10,112.41	741.67	84.71	741.86	0.94	0.44	0.83
11,051.00	88.33	358.81	10,115.06	835.62	82.84	835.80	0.15	-0.11	-0.11
11,146.00	88.23	359.10	10,117.92	930.56	81.11	930.74	0.32	-0.11	0.31
11,240.00	89.12	0.94	10,120.09	1,024.53	81.14	1,024.71	2.17	0.95	1.96
11,335.00	89.52	357.09	10,121.22	1,119.49	79.51	1,119.66	4.07	0.42	-4.05
11,430.00	89.82	353.33	10,121.76	1,214.14	71.58	1,214.30	3.97	0.32	-3.96
11,524.00	90.49	352.86	10,121.51	1,307.46	60.28	1,307.59	0.87	0.71	-0.50
11,619.00	89.18	353.05	10,121.78	1,401.74	48.62	1,401.84	1.39	-1.38	0.20
11,714.00	89.12	358.03	10,123.19	1,496.41	41.24	1,496.50	5.24	-0.06	5.24
11,808.00	87.83	1.13	10,125.70	1,590.36	40.55	1,590.45	3.57	-1.37	3.30
11,903.00	89.08	359.30	10,128.26	1,685.32	40.91	1,685.40	2.33	1.32	-1.93
11,998.00	88.75	357.64	10,130.06	1,780.26	38.37	1,780.34	1.78	-0.35	-1.75
12,092.00	88.65	358.72	10,132.19	1,874.19	35.39	1,874.26	1.15	-0.11	1.15
12,187.00	89.87	1.54	10,133.42	1,969.17	35.60	1,969.25	3.23	1.28	2.97
12,282.00	89.60	1.39	10,133.86	2,064.14	38.03	2,064.22	0.33	-0.28	-0.16
12,377.00	91.32	1.61	10,133.09	2,159.10	40.52	2,159.18	1.83	1.81	0.23

Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	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)
12,471.00	91.35	0.83	10,130.90	2,253.05	42.52	2,253.14	0.83	0.03	-0.83
12,566.00	90.82	0.18	10,129.10	2,348.03	43.36	2,348.12	0.88	-0.56	-0.68
12,661.00	90.94	0.20	10,127.65	2,443.02	43.67	2,443.11	0.13	0.13	0.02
12,756.00	90.78	359.09	10,126.22	2,538.00	43.08	2,538.09	1.18	-0.17	-1.17
12,850.00	89.52	0.84	10,125.97	2,632.00	43.02	2,632.09	2.29	-1.34	1.86
12,945.00	89.60	0.83	10,126.70	2,726.98	44.41	2,727.08	0.08	0.08	-0.01
13,040.00	89.54	2.60	10,127.42	2,821.94	47.25	2,822.04	1.86	-0.06	1.86
13,135.00	89.23	2.12	10,128.44	2,916.85	51.16	2,916.96	0.60	-0.33	-0.51
13,230.00	89.88	1.60	10,129.17	3,011.80	54.25	3,011.91	0.88	0.68	-0.55
13,324.00	89.78	3.31	10,129.45	3,105.71	58.27	3,105.83	1.82	-0.11	1.82
13,419.00	90.42	2.40	10,129.29	3,200.59	63.00	3,200.72	1.17	0.67	-0.96
13,514.00	90.59	359.85	10,128.45	3,295.56	64.87	3,295.69	2.69	0.18	-2.68
13,609.00	89.53	1.64	10,128.35	3,390.54	66.10	3,390.68	2.19	-1.12	1.88
13,703.00	89.97	0.88	10,128.76	3,484.52	68.17	3,484.66	0.93	0.47	-0.81
13,798.00	89.77	0.36	10,128.98	3,579.51	69.20	3,579.66	0.59	-0.21	-0.55
13,893.00	89.79	0.57	10,129.34	3,674.51	69.97	3,674.66	0.22	0.02	0.22
13,988.00	90.58	1.91	10,129.03	3,769.48	72.03	3,769.63	1.64	0.83	1.41
14,083.00	89.62	0.98	10,128.87	3,864.45	74.42	3,864.61	1.41	-1.01	-0.98
14,177.00	89.90	1.96	10,129.26	3,958.42	76.83	3,958.58	1.08	0.30	1.04
14,272.00	89.96	0.89	10,129.38	4,053.39	79.20	4,053.55	1.13	0.06	-1.13
14,366.00	89.89	1.37	10,129.50	4,147.37	81.05	4,147.54	0.52	-0.07	0.51
14,461.00	89.84	1.66	10,129.72	4,242.33	83.56	4,242.51	0.31	-0.05	0.31
14,556.00	90.12	359.25	10,129.76	4,337.32	84.32	4,337.50	2.55	0.29	-2.54
14,650.00	89.89	358.62	10,129.75	4,431.31	82.57	4,431.48	0.71	-0.24	-0.67
14,745.00	89.85	358.58	10,129.96	4,526.28	80.25	4,526.45	0.06	-0.04	-0.04
14,840.00	89.68	359.77	10,130.35	4,621.27	78.88	4,621.43	1.27	-0.18	1.25
14,935.00	89.65	359.26	10,130.91	4,716.26	78.08	4,716.42	0.54	-0.03	-0.54
15,030.00	89.54	358.97	10,131.58	4,811.25	76.61	4,811.41	0.33	-0.12	-0.31
15,124.00	89.77	0.00	10,132.15	4,905.24	75.76	4,905.40	1.12	0.24	1.10
15,219.00	89.90	359.38	10,132.42	5,000.24	75.25	5,000.39	0.67	0.14	-0.65
15,314.00	89.98	359.60	10,132.52	5,095.23	74.40	5,095.39	0.25	0.08	0.23
15,409.00	89.82	359.38	10,132.69	5,190.23	73.56	5,190.38	0.29	-0.17	-0.23
15,504.00	89.73	359.64	10,133.06	5,285.23	72.75	5,285.38	0.29	-0.09	0.27
15,598.00	90.10	359.33	10,133.20	5,379.22	71.90	5,379.37	0.51	0.39	-0.33
15,693.00	89.87	359.46	10,133.22	5,474.22	70.90	5,474.36	0.28	-0.24	0.14
15,788.00	90.17	358.95	10,133.19	5,569.21	69.58	5,569.35	0.62	0.32	-0.54
15,883.00	89.80	359.00	10,133.22	5,664.19	67.88	5,664.33	0.39	-0.39	0.05
15,978.00	90.12	358.44	10,133.28	5,759.17	65.76	5,759.30	0.68	0.34	-0.59
16,073.00	90.44	359.73	10,132.82	5,854.15	64.24	5,854.28	1.40	0.34	1.36
16,168.00	89.99	359.30	10,132.46	5,949.15	63.44	5,949.27	0.66	-0.47	-0.45
16,262.00	90.27	359.11	10,132.25	6,043.14	62.13	6,043.26	0.36	0.30	-0.20
16,357.00	90.70	359.20	10,131.44	6,138.12	60.73	6,138.24	0.46	0.45	0.09
16,452.00	90.68	359.11	10,130.30	6,233.11	59.33	6,233.22	0.10	-0.02	-0.09
16,547.00	90.02	358.60	10,129.72	6,328.08	57.43	6,328.20	0.88	-0.69	-0.54



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	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)
16,642.00	90.56	359.08	10,129.24	6,423.06	55.51	6,423.17	0.76	0.57	0.51
16,736.00	89.83	359.69	10,128.92	6,517.06	54.50	6,517.16	1.01	-0.78	0.65
16,831.00	90.63	359.54	10,128.54	6,612.05	53.86	6,612.16	0.86	0.84	-0.16
16,926.00	90.29	359.43	10,127.77	6,707.05	53.01	6,707.15	0.38	-0.36	-0.12
17,021.00	91.52	359.10	10,126.27	6,802.02	51.79	6,802.12	1.34	1.29	-0.35
17,115.00	90.27	359.14	10,124.81	6,896.00	50.35	6,896.10	1.33	-1.33	0.04
17,210.00	90.44	359.34	10,124.22	6,990.99	49.09	6,991.08	0.28	0.18	0.21
17,305.00	90.47	359.23	10,123.46	7,085.98	47.90	7,086.07	0.12	0.03	-0.12
17,400.00	90.25	359.24	10,122.87	7,180.97	46.63	7,181.06	0.23	-0.23	0.01
17,494.00	90.54	359.66	10,122.22	7,274.96	45.73	7,275.05	0.54	0.31	0.45
17,589.00	90.06	359.33	10,121.72	7,369.96	44.89	7,370.04	0.61	-0.51	-0.35
17,684.00	90.63	358.56	10,121.15	7,464.94	43.14	7,465.02	1.01	0.60	-0.81
17,778.00	90.42	359.05	10,120.29	7,558.91	41.18	7,558.99	0.57	-0.22	0.52
17,873.00	89.69	358.42	10,120.20	7,653.89	39.09	7,653.96	1.02	-0.77	-0.66
17,968.00	90.16	358.83	10,120.32	7,748.86	36.81	7,748.92	0.66	0.49	0.43
18,062.00	88.29	357.96	10,121.59	7,842.81	34.17	7,842.87	2.19	-1.99	-0.93
18,157.00	89.00	359.17	10,123.84	7,937.75	31.80	7,937.80	1.48	0.75	1.27
18,252.00	89.56	359.00	10,125.03	8,032.73	30.28	8,032.78	0.62	0.59	-0.18
18,347.00	89.75	358.57	10,125.60	8,127.71	28.26	8,127.75	0.49	0.20	-0.45
18,442.00	90.79	359.45	10,125.16	8,222.69	26.62	8,222.73	1.43	1.09	0.93
18,537.00	90.86	358.82	10,123.79	8,317.67	25.19	8,317.70	0.67	0.07	-0.66
18,632.00	89.81	358.82	10,123.23	8,412.65	23.23	8,412.68	1.11	-1.11	0.00
18,727.00	90.28	359.66	10,123.16	8,507.64	21.97	8,507.66	1.01	0.49	0.88
18,821.00	89.70	359.31	10,123.17	8,601.63	21.13	8,601.66	0.72	-0.62	-0.37
18,916.00	89.91	359.18	10,123.50	8,696.62	19.88	8,696.65	0.26	0.22	-0.14
19,011.00	89.92	358.50	10,123.64	8,791.60	17.95	8,791.62	0.72	0.01	-0.72
19,105.00	89.60	359.26	10,124.03	8,885.58	16.12	8,885.60	0.88	-0.34	0.81
19,200.00	89.78	358.67	10,124.55	8,980.57	14.40	8,980.58	0.65	0.19	-0.62
19,295.00	90.42	358.38	10,124.38	9,075.53	11.95	9,075.54	0.74	0.67	-0.31
19,390.00	90.50	358.12	10,123.62	9,170.49	9.05	9,170.48	0.29	0.08	-0.27
19,485.00	88.40	356.03	10,124.53	9,265.35	4.21	9,265.33	3.12	-2.21	-2.20
19,580.00	89.09	358.40	10,126.61	9,360.21	-0.41	9,360.18	2.60	0.73	2.49
19,675.00	88.56	358.55	10,128.56	9,455.15	-2.94	9,455.12	0.58	-0.56	0.16
19,769.00	89.41	358.57	10,130.22	9,549.11	-5.30	9,549.07	0.90	0.90	0.02
19,864.00	89.63	359.27	10,131.02	9,644.09	-7.09	9,644.05	0.77	0.23	0.74
19,959.00	89.37	359.74	10,131.85	9,739.08	-7.91	9,739.04	0.57	-0.27	0.49
20,053.00	89.52	358.18	10,132.76	9,833.06	-9.61	9,833.01	1.67	0.16	-1.66
20,148.00	89.35	359.00	10,133.70	9,928.02	-11.95	9,927.97	0.88	-0.18	0.86
20,243.00	89.12	358.87	10,134.96	10,023.00	-13.72	10,022.94	0.28	-0.24	-0.14
20,338.00	89.61	358.90	10,136.02	10,117.97	-15.57	10,117.91	0.52	0.52	0.03
20,443.00	89.51	358.34	10,136.82	10,222.94	-18.09	10,222.87	0.54	-0.10	-0.53
20,500.00	89.32	357.37	10,137.41	10,279.89	-20.23	10,279.82	1.73	-0.33	-1.70
Final Phoenix MWD Survey									



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Tails CC 10_3 Federal Com 34H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 2964.50usft (H&P 479)
Site:	Tails CC 10_3 Federal Com	MD Reference:	RKB @ 2964.50usft (H&P 479)
Well:	Tails CC 10_3 Federal Com 34H	North Reference:	Grid
Wellbore:	OH / 69242	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
20,507.40	89.32	357.37	10,137.49	10,287.29	-20.57	10,287.21	0.00	0.00	0.00	
LTP: 20507.40' MD, 89.32° Inc, 357.37° Azm										
20,562.00	89.32	357.37	10,138.14	10,341.82	-23.07	10,341.75	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	
473.47	473.46	-0.08	0.38	Tie In	
619.00	618.99	1.17	1.40	First Phoenix MWD Survey	
9,906.13	9,857.13	-220.15	70.39	SL: 9906.13' MD, 34.28° Inc, 3.41° Azm	
10,063.10	9,977.26	-120.15	75.39	FTP: 10063.10' MD, 50.35° Inc, 3.19° Azm	
20,500.00	10,137.41	10,279.89	-20.23	Final Phoenix MWD Survey	
20,507.40	10,137.49	10,287.29	-20.57	LTP: 20507.40' MD, 89.32° Inc, 357.37° Azm	
20,562.00	10,138.14	10,341.82	-23.07	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 / 32.225447 / -103.969388	County or Parish/State: EDDY / NM
Well Number: 34H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM081616	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548959	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2690448

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

Actual Procedure: RUPU 05/11/22, RIH & clean out to PBTD @ 20515', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 20428-10127' Total 1462 holes. Frac in 43 stages w/ 280224BBL Produced Water + 173142BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 25660019# 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 571'M 571'V CASTILE 1465'M 1465'V DELAWARE 3011'M 3011'V BELL CANYON 3036'M 3036'V CHERRY CANYON 3871'M 3870'V BRUSHY CANYON 5116'M 5101'V BONE SPRING 6737'M 6713'V 1ST BONE SPRING 7784'M 7760'V 2ND BONE SPRING 8515'M 8598'V 3RD BONE SPRING 9674'M 9648'V WOLFCAMP 10091'M 9993'V

Well Name: TAILS CC 10_3 FED COM	Well Location: T24S / R29E / SEC 10 / SWSE / 32.225447 / -103.969388	County or Parish/State: EDDY / NM
Well Number: 34H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM081616	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548959	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

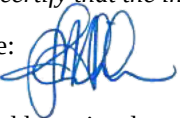
Operator

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 02:11 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. 30-015-48959			
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.						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	10	24S	29E		220	SOUTH	1740	EAST	EDDY
BH:	L2	3	24S	29E		47	NORTH	1688	EAST	EDDY
13. Date Spudded 12/20/21	14. Date T.D. Reached 03/28/2022		15. Date Rig Released 03/30/2022		16. Date Completed (Ready to Produce) 06/03/2022		17. Elevations (DF and RKB, RT, GR, etc.) 2940' GL			
18. Total Measured Depth of Well 20562'M 10138'V			19. Plug Back Measured Depth 20515'M 10137'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 10127-20428' 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		485'		14.75"		515sx-surf circ		
7.625" HCL80		26.4		9495'		9.875"		968sx-surf		
5.5" P110CY		20		20542'		6.75"		1000sx-TOC@8995'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
26. Perforation record (interval, size, and number) 10127-20428' Total 1462 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10127-20428'		280224BBL Produced Water + 173142BBL Brackish Water w/ 25660019# sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
06/08/2022		Flowing				Prod.				
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
07/12/2022	24 hrs.	54/128	Test Period	3099	4714	4655	1521			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	2179		3099	4714	4655					
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 3036'	T. Ojo Alamo	T. Penn A"
T. Salado 571'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 1465'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 3011'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 3871'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 5116'	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 6737'	T. Todilto	
T. Abo	T. 1 st Bone Springs 7784'	T. Entrada	
T. Wolfcamp 10091'	T. 2 nd Bone Springs 8515'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 9674'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

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

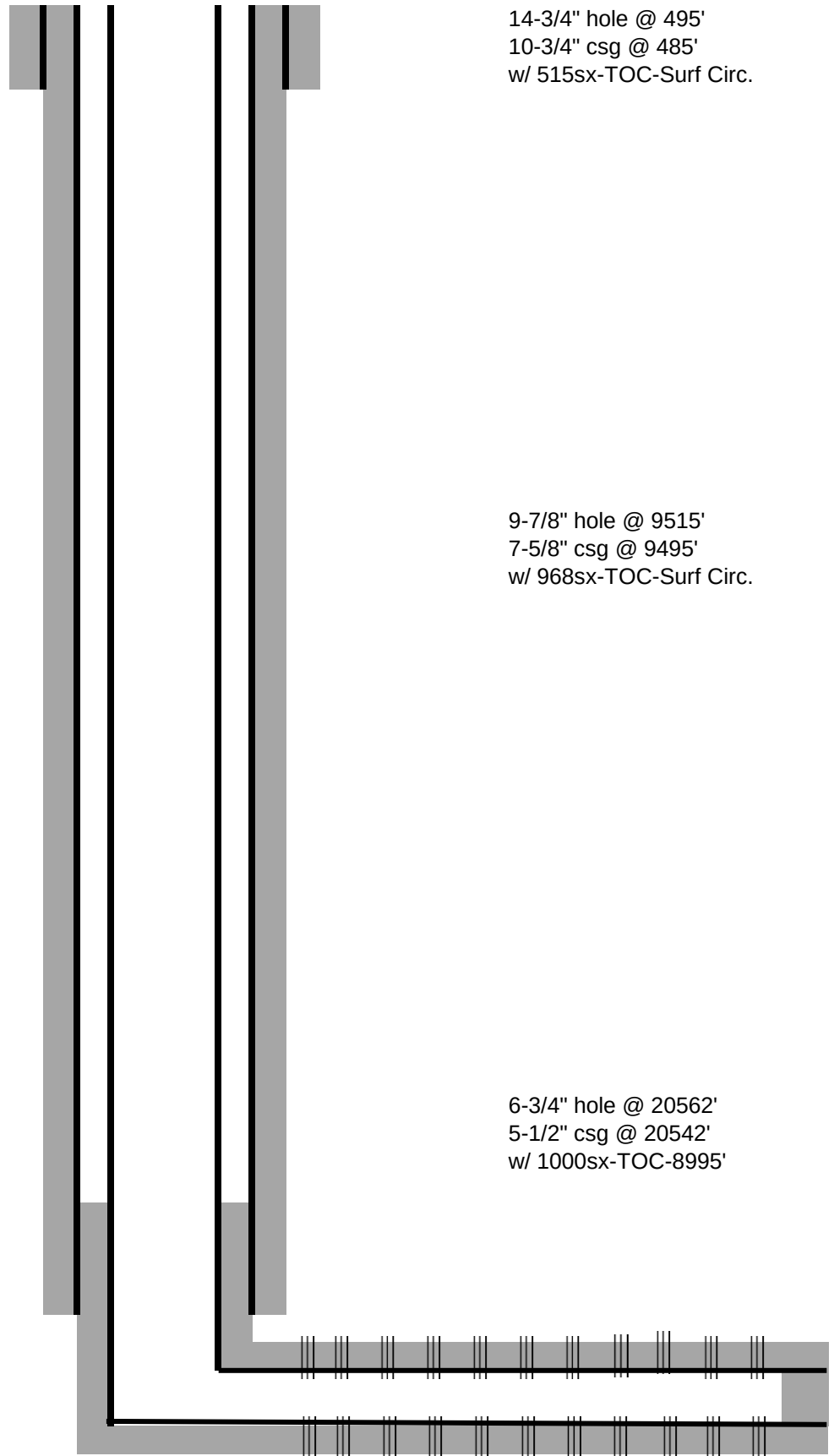
Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OXY USA Inc.
Tails CC 10-3 Federal Com 34H
API No. 30-015-48959



14-3/4" hole @ 495'
10-3/4" csg @ 485'
w/ 515sx-TOC-Surf Circ.

9-7/8" hole @ 9515'
7-5/8" csg @ 9495'
w/ 968sx-TOC-Surf Circ.

6-3/4" hole @ 20562'
5-1/2" csg @ 20542'
w/ 1000sx-TOC-8995'

Perfs @ 10127-20428'

TD- 20562'M 10138'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 140304

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 140304
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
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Phone:(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 140304

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 140304
	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