

1625 N. French Dr., Hobbs, NM 88240

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

District 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: RT - 10/07/2022
⁴ API Number 30 - 025-48754	⁵ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP	⁶ Pool Code 98177
⁷ Property Code: 330703	⁸ Property Name: SENILE FELINES 18-7 STATE 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	18	22S	33E		551	SOUTH	1588	EAST	LEA

¹¹ Bottom Hole Location

FTP- 319' FSL 1597' FEL LTP- 201' FNL 1520' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	7	22S	33E		52	NORTH	1529	EAST	LEA
¹² Lse Code S	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: TBD		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
248749	DCP MIDSTREAM, LP	G

IV. Well Completion Data

²¹ Spud Date 05/27/22	²² Ready Date 10/07/2022	²³ TD 22321'M 12205'V	²⁴ PBTB 22277'M 12205'V	²⁵ Perforations 12058-22172'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		971'	1200
9-7/8"		7-5/8"		11476'	3206
6-3/4"		5-1/2"		22301'	860

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

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

Signature: 

Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 10/04/2022 Phone: 432-685-5036

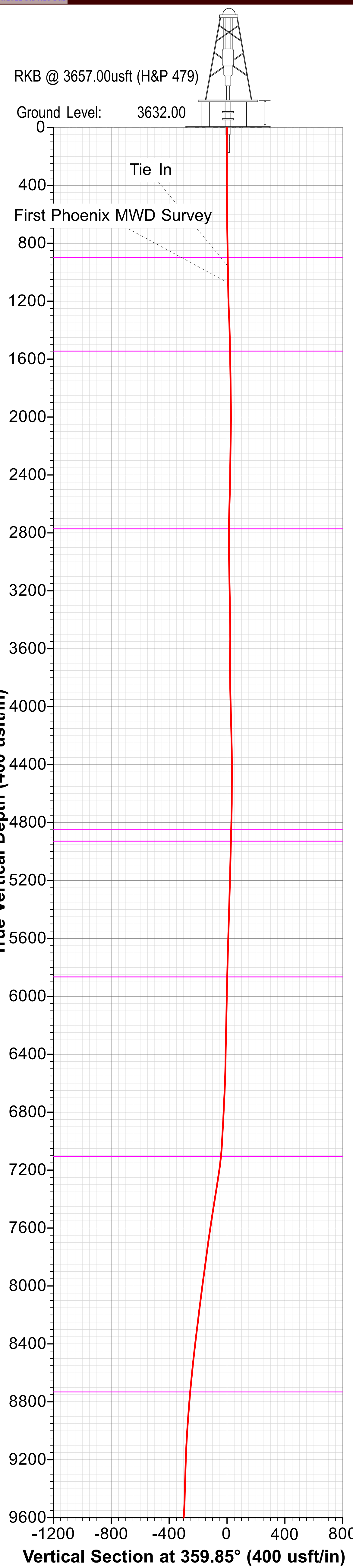
OIL CONSERVATION DIVISION

Approved by: John

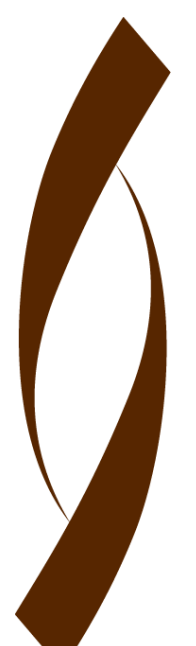
Title: Engineer

Approval Date:

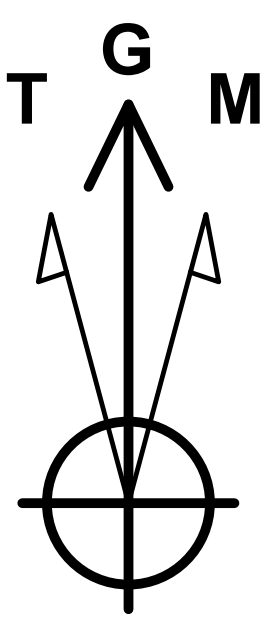
RT Expires 90 days from ready date



Project: Lea County, NM (NAD83-NME)
Site: SF 18_7 SC
Well: Senile Felines 18_7 State Com 34H
Wellbore: OH / 69923
Design: Plan 4 07-25-22
Rig: H&P 479



PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
 True North: -0.39°
 Magnetic North: 6.09°

**Magnetic Field
Strength: 47874.9nT
Dip Angle: 60.11°
Date: 7/1/2022
Model: IFR**

WELL DETAILS							
		Ground Level:		3632.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.00	0.00	504956.59	765171.71	32° 23' 9.992087 N	103° 36' 29.566192 W		

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	11398.00	1.95	216.27	11375.56	-380.78	-27.84	0.00	0.000	-380.71		Plan Tie In
2	11642.62	1.95	216.27	11620.04	-387.49	-32.76	0.00	0.000	-387.41		KOP, Begin 11.00°/100' Build & Turn
3	12068.42	45.00	16.45	12005.04	-240.68	7.87	11.00	160.808	-240.70		Begin 11.00°/100' Build & Turn
4	12501.47	90.22	359.55	12166.74	145.16	52.08	11.00	-23.171	145.03		LP, Hold 90.22° Inc at 359.55° Azm
5	16286.53	90.22	359.55	12152.21	3930.07	22.07	0.00	0.000	3930.00	3930' VS - SF 18-7 SC 34H	Begin 1.00°/100' Drop
6	16428.57	88.80	359.55	12153.43	4072.10	20.95	1.00	-180.000	4072.03		Hold 88.80° Inc
7	18728.07	88.80	359.55	12201.60	6371.03	2.72	0.00	0.000	6371.00	6371' VS - SF 18-7 SC 34H	Begin 1.00°/100' Build
8	18877.07	90.29	359.55	12202.78	6520.01	1.54	1.00	0.000	6519.99		Hold 90.29° Inc
9	22345.85	90.29	359.55	12185.26	9988.64	-25.96	0.00	0.000	9988.67	BHL - SF 18_7 SC 34H	TD at 22345.85

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
899.00	899.05	RUSTLER
1545.00	1545.37	SALADO
2772.00	2772.70	CASTILE
4850.00	4851.62	DELAWARE
4929.00	4930.65	BELL CANYON
5866.00	5868.00	CHERRY CANYON
7107.00	7109.99	BRUSHY CANYON
8732.00	8749.79	BONE SPRING
9856.00	9875.79	BONE SPRING 1ST
10496.00	10517.39	BONE SPRING 2ND
11689.00	11711.67	BONE SPRING 3RD
11970.00	12020.95	WOLFCAMP

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

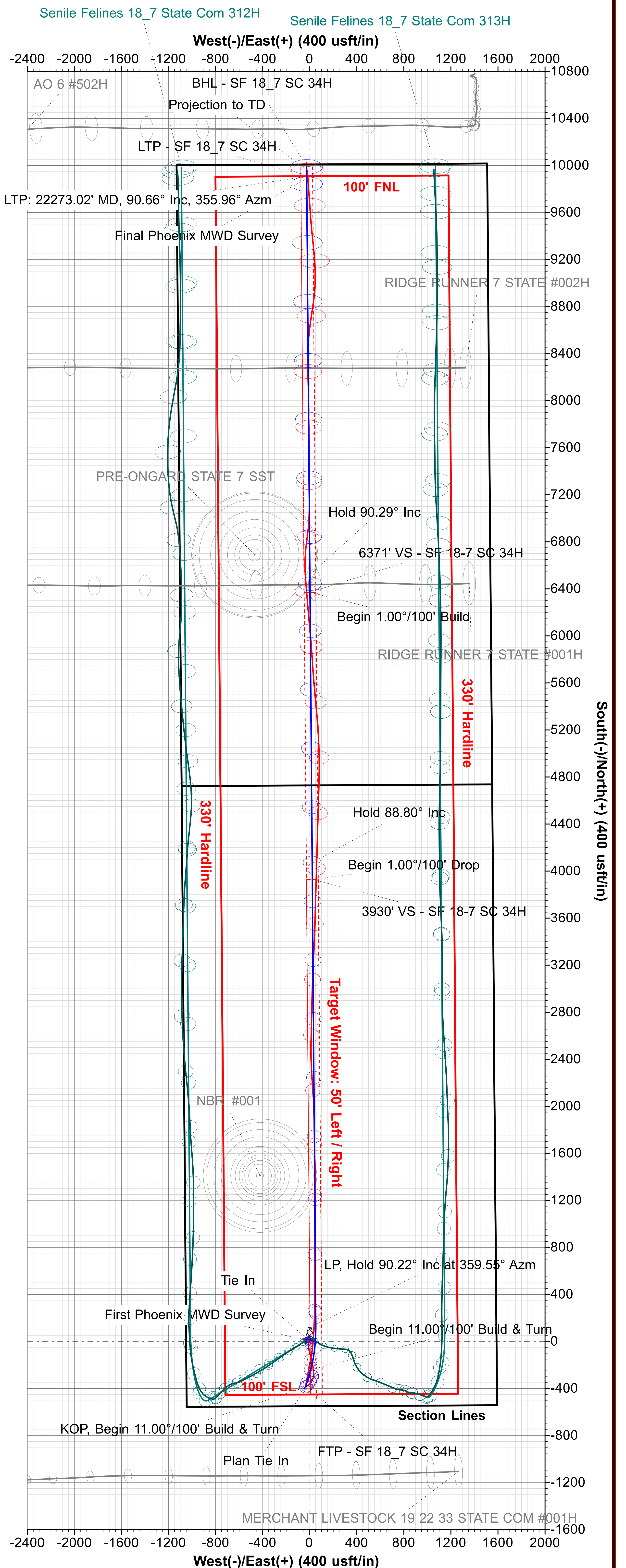
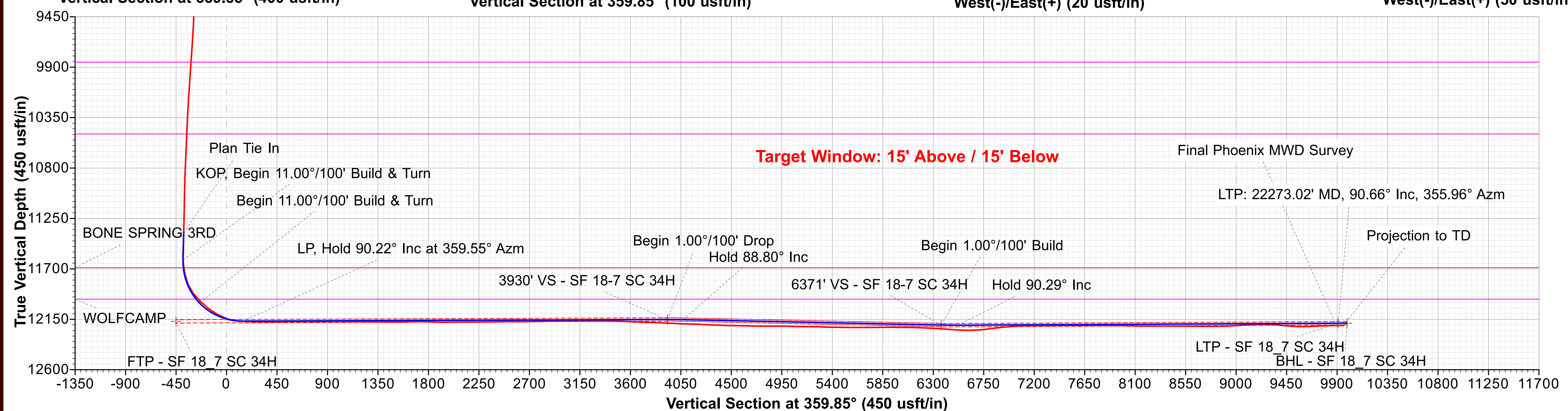
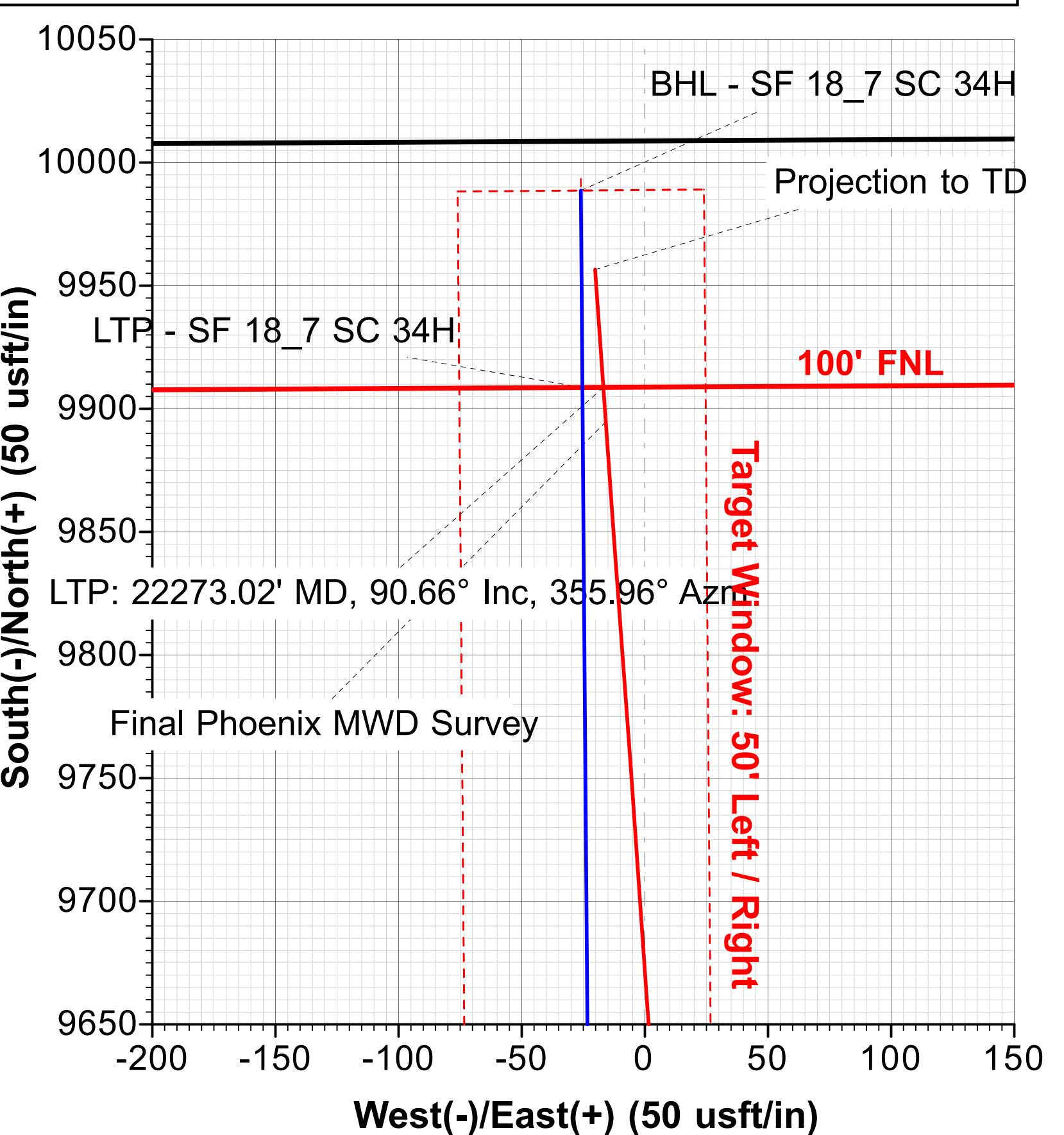
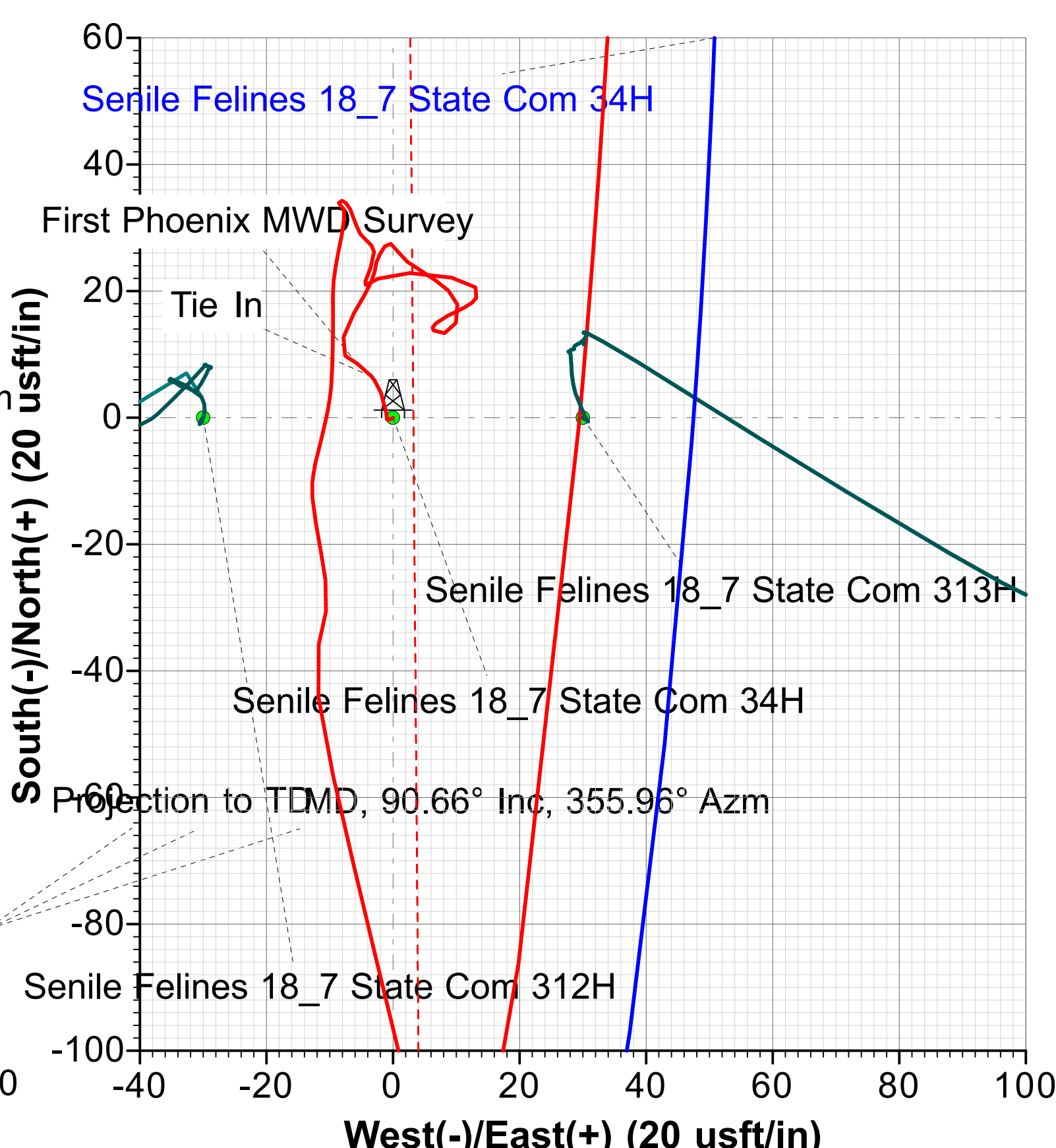
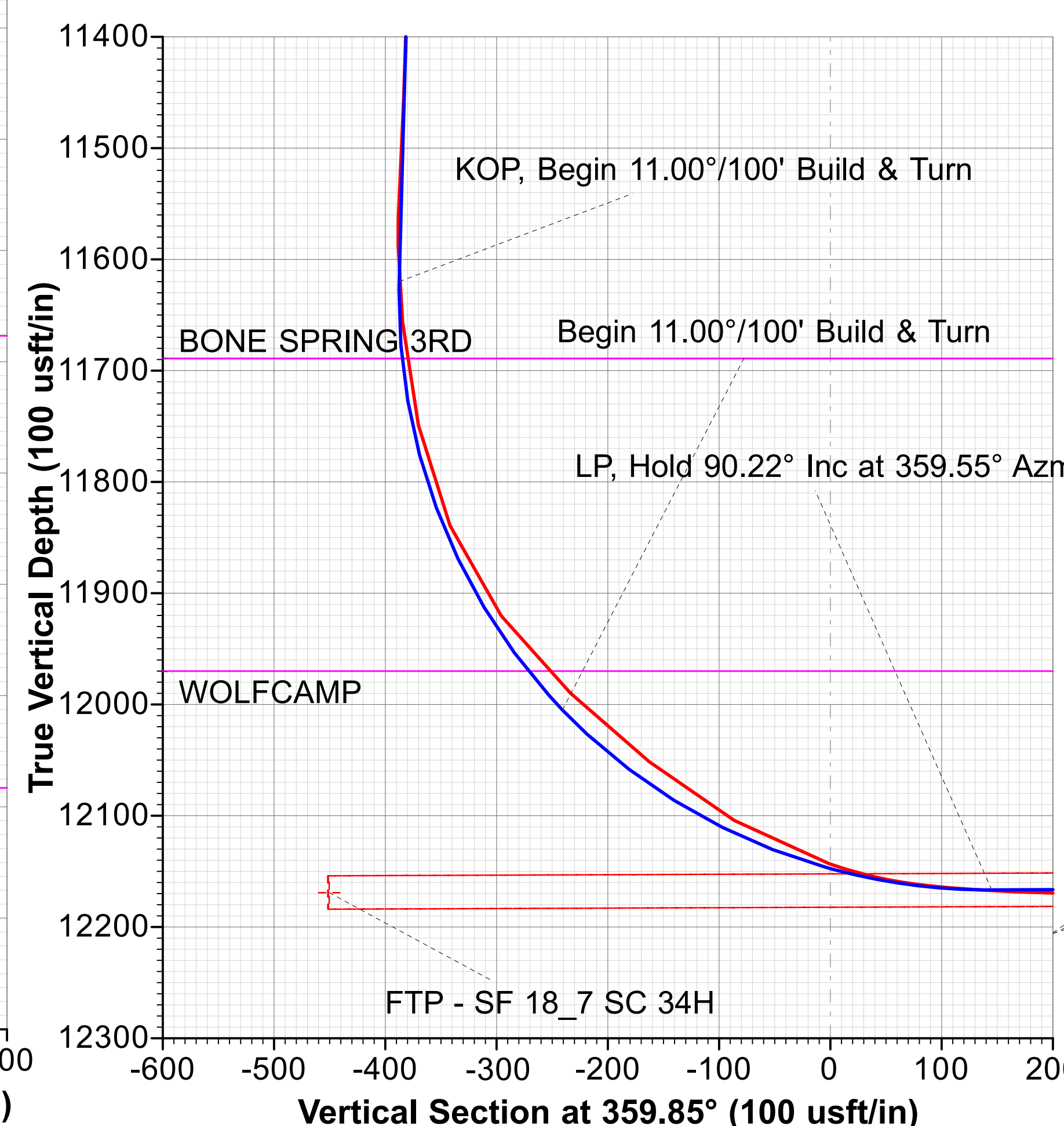
Local Origin: Well Senile Felines 18_7 State Com 34H, Grid North

Latitude: 32° 23' 9.992087 N
Longitude: 103° 36' 29.566192 W

Grid East: 765171.71
Grid North: 504956.59
Scale Factor: 1.000

Geomagnetic Model: IFR
Sample Date: 01-Jul-22
Magnetic Declination: 6.475°
Angle from Horizontal: 60.112°
Magnetic Field Strength: 47874.90000000nT

To convert a Magnetic Direction to a Grid Direction, Add 6.087°
 To convert a Magnetic Direction to a True Direction, Add 6.475° East
 To convert a True Direction to a Grid Direction, Subtract 0.388°





OXY USA INC.

**Lea County, NM (NAD83-NME)
SF 18_7 SC
Senile Felines 18_7 State Com 34H**

OH / 69923

Design: Surveys (H&P 479)

Standard Survey Report

30 August, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Project	Lea 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	SF 18_7 SC		
Site Position:		Northing:	504,956.59 usft
From:	Map	Easting:	765,171.71 usft
Position Uncertainty:	1.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 23' 9.992087 N
		Longitude:	103° 36' 29.566192 W
		Grid Convergence:	0.388 °

Well	Senile Felines 18_7 State Com 34H		
Well Position	+N/-S	0.00 usft	Northing: 504,956.59 usft
	+E/-W	0.00 usft	Easting: 765,171.71 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 23' 9.992087 N
		Longitude:	103° 36' 29.566192 W
		Ground Level:	3,632.00 usft

Wellbore	OH / 69923				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	7/1/2022	6.475	60.112	47,874.90000000

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	359.85	

Survey Program	Date	8/16/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	958.82	Gyro Surveys - Adj Surface (OH / 69)	Gyrodata Stationary Tool drop on BHA on open h		
1,074.00	22,321.00	Phoenix MWD Surveys - SQC R12 (OH / 69)	SQC_C705a_MWD+IFR1 OWSG MWD + IFR1 + Sag + FDIR Correction		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	
95.88	0.07	179.12	95.88	-0.04	0.00	-0.04	0.10	0.10	0.00	
182.78	0.14	247.28	182.78	-0.14	-0.10	-0.14	0.15	0.08	78.43	
271.47	0.27	257.58	271.47	-0.22	-0.40	-0.22	0.15	0.15	11.61	
365.95	0.21	267.24	365.95	-0.28	-0.79	-0.28	0.08	-0.06	10.22	
460.44	0.06	315.23	460.44	-0.25	-1.00	-0.25	0.19	-0.16	50.79	
554.82	0.28	17.75	554.82	0.00	-0.96	0.00	0.27	0.23	66.24	
649.38	0.75	344.24	649.37	0.82	-1.06	0.82	0.57	0.50	-35.44	
743.80	1.01	344.52	743.78	2.21	-1.45	2.22	0.28	0.28	0.30	



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
838.29	1.11	345.84	838.26	3.90	-1.90	3.91	0.11	0.11	1.40
932.77	1.67	325.15	932.71	5.92	-2.91	5.93	0.79	0.59	-21.90
958.82	1.66	318.96	958.75	6.52	-3.37	6.53	0.69	-0.04	-23.76
Tie In									
1,074.00	1.37	303.29	1,073.89	8.53	-5.62	8.55	0.44	-0.25	-13.60
First Phoenix MWD Survey									
1,169.00	1.41	303.34	1,168.86	9.80	-7.54	9.82	0.04	0.04	0.05
1,264.00	2.87	17.38	1,263.81	12.71	-7.81	12.73	2.98	1.54	77.94
1,358.00	2.22	31.20	1,357.71	16.51	-6.16	16.53	0.95	-0.69	14.70
1,453.00	1.64	29.14	1,452.66	19.27	-4.55	19.29	0.61	-0.61	-2.17
1,548.00	1.32	24.26	1,547.63	21.46	-3.44	21.47	0.36	-0.34	-5.14
1,643.00	0.82	7.69	1,642.61	23.13	-2.90	23.14	0.61	-0.53	-17.44
1,737.00	0.92	15.88	1,736.60	24.52	-2.60	24.53	0.17	0.11	8.71
1,832.00	0.79	29.47	1,831.59	25.83	-2.07	25.83	0.25	-0.14	14.31
1,927.00	0.98	34.53	1,926.58	27.07	-1.29	27.07	0.22	0.20	5.33
2,021.00	0.67	117.98	2,020.57	27.47	-0.35	27.47	1.19	-0.33	88.78
2,116.00	1.31	147.32	2,115.56	26.30	0.73	26.29	0.84	0.67	30.88
2,211.00	1.44	127.98	2,210.53	24.65	2.26	24.64	0.50	0.14	-20.36
2,306.00	1.70	119.26	2,305.49	23.22	4.43	23.21	0.37	0.27	-9.18
2,401.00	1.52	127.99	2,400.46	21.76	6.65	21.74	0.32	-0.19	9.19
2,495.00	1.76	128.74	2,494.42	20.09	8.76	20.07	0.26	0.26	0.80
2,590.00	1.58	167.24	2,589.38	17.90	10.19	17.87	1.17	-0.19	40.53
2,685.00	2.10	197.70	2,684.33	14.96	9.95	14.94	1.15	0.55	32.06
2,780.00	1.53	272.11	2,779.30	13.35	8.15	13.33	2.36	-0.60	78.33
2,874.00	0.76	309.15	2,873.28	13.79	6.41	13.77	1.10	-0.82	39.40
2,969.00	1.36	50.59	2,968.27	14.90	6.79	14.89	1.77	0.63	106.78
3,064.00	1.38	63.71	3,063.24	16.13	8.69	16.10	0.33	0.02	13.81
3,158.00	2.07	63.72	3,157.20	17.38	11.23	17.35	0.73	0.73	0.01
3,253.00	1.08	26.95	3,252.16	18.94	13.17	18.90	1.44	-1.04	-38.71
3,348.00	1.21	327.91	3,347.15	20.59	13.05	20.55	1.19	0.14	-62.15
3,442.00	4.04	282.44	3,441.05	22.14	9.28	22.12	3.52	3.01	-48.37
3,537.00	4.06	269.68	3,535.81	22.84	2.65	22.84	0.95	0.02	-13.43
3,631.00	2.33	243.06	3,629.67	21.96	-2.38	21.96	2.38	-1.84	-28.32
3,726.00	0.28	239.09	3,724.64	20.96	-4.30	20.97	2.16	-2.16	-4.18
3,821.00	0.81	11.43	3,819.63	21.50	-4.37	21.51	1.07	0.56	139.31
3,916.00	2.02	24.87	3,914.60	23.68	-3.53	23.69	1.31	1.27	14.15
4,010.00	1.25	351.60	4,008.57	26.20	-2.98	26.20	1.27	-0.82	-35.39
4,105.00	1.69	307.18	4,103.54	28.07	-4.25	28.08	1.25	0.46	-46.76
4,200.00	1.72	344.41	4,198.50	30.29	-5.75	30.30	1.15	0.03	39.19
4,294.00	1.74	333.79	4,292.45	32.93	-6.76	32.95	0.34	0.02	-11.30
4,389.00	0.80	274.31	4,387.43	34.27	-8.06	34.29	1.58	-0.99	-62.61
4,483.00	0.52	157.56	4,481.43	33.93	-8.55	33.95	1.21	-0.30	-124.20
4,578.00	0.35	124.94	4,576.43	33.36	-8.15	33.38	0.31	-0.18	-34.34

Phoenix Survey Report



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Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
4,672.00	0.38	149.72	4,670.43	32.93	-7.75	32.95	0.17	0.03	26.36
4,767.00	1.52	185.84	4,765.41	31.40	-7.72	31.42	1.30	1.20	38.02
4,862.00	1.54	190.66	4,860.38	28.90	-8.09	28.92	0.14	0.02	5.07
4,957.00	1.53	191.85	4,955.34	26.40	-8.58	26.42	0.04	-0.01	1.25
5,051.00	1.47	189.24	5,049.31	23.98	-9.03	24.00	0.10	-0.06	-2.78
5,146.00	1.37	186.94	5,144.28	21.65	-9.37	21.68	0.12	-0.11	-2.42
5,240.00	1.47	179.19	5,238.25	19.33	-9.49	19.35	0.23	0.11	-8.24
5,335.00	1.59	180.05	5,333.22	16.79	-9.47	16.82	0.13	0.13	0.91
5,429.00	1.74	180.00	5,427.18	14.06	-9.47	14.09	0.16	0.16	-0.05
5,524.00	1.80	181.61	5,522.13	11.13	-9.51	11.15	0.08	0.06	1.69
5,619.00	1.67	181.48	5,617.09	8.25	-9.59	8.28	0.14	-0.14	-0.14
5,714.00	1.55	183.81	5,712.05	5.59	-9.71	5.61	0.14	-0.13	2.45
5,808.00	1.47	187.92	5,806.02	3.12	-9.96	3.15	0.14	-0.09	4.37
5,903.00	1.39	192.84	5,900.99	0.79	-10.39	0.82	0.15	-0.08	5.18
5,997.00	1.19	190.25	5,994.97	-1.28	-10.81	-1.25	0.22	-0.21	-2.76
6,092.00	1.19	195.21	6,089.95	-3.20	-11.25	-3.17	0.11	0.00	5.22
6,187.00	1.30	194.77	6,184.92	-5.19	-11.78	-5.16	0.12	0.12	-0.46
6,281.00	1.22	192.71	6,278.90	-7.20	-12.27	-7.17	0.10	-0.09	-2.19
6,376.00	0.90	186.13	6,373.89	-8.93	-12.58	-8.90	0.36	-0.34	-6.93
6,471.00	0.85	188.38	6,468.87	-10.37	-12.76	-10.34	0.06	-0.05	2.37
6,565.00	1.86	175.38	6,562.85	-12.58	-12.74	-12.55	1.12	1.07	-13.83
6,660.00	2.79	169.89	6,657.77	-16.39	-12.21	-16.36	1.01	0.98	-5.78
6,755.00	2.83	170.63	6,752.65	-20.98	-11.42	-20.95	0.06	0.04	0.78
6,849.00	2.87	170.98	6,846.54	-25.60	-10.67	-25.57	0.05	0.04	0.37
6,944.00	3.21	186.19	6,941.41	-30.59	-10.59	-30.56	0.92	0.36	16.01
7,038.00	3.44	197.57	7,035.25	-35.89	-11.72	-35.86	0.74	0.24	12.11
7,133.00	6.72	171.64	7,129.87	-44.11	-11.77	-44.08	4.13	3.45	-27.29
7,228.00	8.61	167.76	7,224.02	-56.56	-9.46	-56.54	2.06	1.99	-4.08
7,322.00	9.21	166.38	7,316.89	-70.75	-6.19	-70.74	0.68	0.64	-1.47
7,417.00	9.31	166.58	7,410.65	-85.61	-2.62	-85.61	0.11	0.11	0.21
7,511.00	9.16	166.25	7,503.43	-100.28	0.92	-100.28	0.17	-0.16	-0.35
7,606.00	8.94	165.68	7,597.25	-114.78	4.55	-114.79	0.25	-0.23	-0.60
7,700.00	8.24	163.43	7,690.19	-128.31	8.27	-128.33	0.83	-0.74	-2.39
7,795.00	7.69	163.09	7,784.28	-140.92	12.06	-140.95	0.58	-0.58	-0.36
7,889.00	8.02	167.02	7,877.39	-153.32	15.37	-153.36	0.67	0.35	4.18
7,984.00	7.76	167.29	7,971.49	-166.04	18.26	-166.08	0.28	-0.27	0.28
8,078.00	7.45	166.97	8,064.67	-178.16	21.04	-178.22	0.33	-0.33	-0.34
8,173.00	7.43	168.84	8,158.87	-190.19	23.61	-190.25	0.26	-0.02	1.97
8,267.00	7.12	170.97	8,252.11	-201.91	25.70	-201.97	0.44	-0.33	2.27
8,362.00	6.70	170.69	8,346.42	-213.19	27.52	-213.26	0.44	-0.44	-0.29
8,457.00	6.55	171.97	8,440.79	-224.03	29.18	-224.10	0.22	-0.16	1.35
8,551.00	6.17	173.39	8,534.21	-234.35	30.51	-234.43	0.44	-0.40	1.51
8,646.00	5.74	173.43	8,628.70	-244.14	31.64	-244.22	0.45	-0.45	0.04
8,740.00	5.41	174.03	8,722.25	-253.22	32.64	-253.30	0.36	-0.35	0.64



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
8,835.00	4.61	173.72	8,816.89	-261.47	33.52	-261.55	0.84	-0.84	-0.33
8,935.00	4.05	177.23	8,916.60	-268.99	34.13	-269.08	0.62	-0.56	3.51
9,029.00	3.62	176.84	9,010.39	-275.27	34.46	-275.36	0.46	-0.46	-0.41
9,124.00	2.72	172.17	9,105.24	-280.50	34.93	-280.59	0.98	-0.95	-4.92
9,219.00	2.13	176.58	9,200.16	-284.49	35.34	-284.58	0.65	-0.62	4.64
9,314.00	1.86	198.77	9,295.10	-287.71	34.95	-287.80	0.85	-0.28	23.36
9,408.00	1.64	202.16	9,389.06	-290.40	33.95	-290.49	0.26	-0.23	3.61
9,503.00	1.80	194.19	9,484.02	-293.11	33.07	-293.20	0.30	0.17	-8.39
9,598.00	3.89	175.07	9,578.90	-297.77	32.98	-297.85	2.39	2.20	-20.13
9,692.00	3.76	188.70	9,672.69	-303.99	32.79	-304.08	0.97	-0.14	14.50
9,787.00	4.10	201.15	9,767.47	-310.24	31.10	-310.32	0.96	0.36	13.11
9,882.00	4.72	210.73	9,862.19	-316.77	27.87	-316.84	1.01	0.65	10.08
9,976.00	4.63	209.75	9,955.87	-323.38	24.01	-323.44	0.13	-0.10	-1.04
10,071.00	4.35	210.35	10,050.58	-329.82	20.29	-329.87	0.30	-0.29	0.63
10,166.00	4.08	212.38	10,145.32	-335.78	16.66	-335.83	0.32	-0.28	2.14
10,261.00	3.83	210.99	10,240.10	-341.36	13.22	-341.39	0.28	-0.26	-1.46
10,356.00	3.55	215.75	10,334.90	-346.47	9.86	-346.49	0.44	-0.29	5.01
10,545.00	3.34	219.65	10,523.56	-355.45	2.93	-355.46	0.17	-0.11	2.06
10,640.00	3.09	219.77	10,618.41	-359.55	-0.47	-359.55	0.26	-0.26	0.13
10,735.00	3.14	224.86	10,713.27	-363.36	-3.94	-363.35	0.30	0.05	5.36
10,830.00	3.29	228.32	10,808.12	-367.02	-7.82	-367.00	0.26	0.16	3.64
10,925.00	3.28	230.66	10,902.96	-370.56	-11.95	-370.52	0.14	-0.01	2.46
11,019.00	3.00	233.05	10,996.82	-373.74	-16.00	-373.70	0.33	-0.30	2.54
11,114.00	2.24	239.68	11,091.72	-376.17	-19.59	-376.12	0.86	-0.80	6.98
11,209.00	1.98	251.31	11,186.66	-377.64	-22.75	-377.57	0.53	-0.27	12.24
11,304.00	1.76	240.81	11,281.61	-378.87	-25.57	-378.80	0.43	-0.23	-11.05
11,398.00	1.96	216.27	11,375.56	-380.87	-27.78	-380.80	0.87	0.21	-26.11
11,478.00	2.81	218.30	11,455.49	-383.51	-29.81	-383.44	1.07	1.06	2.54
11,575.00	3.75	219.30	11,552.33	-387.84	-33.29	-387.75	0.97	0.97	1.03
11,610.00	1.24	322.35	11,587.31	-388.42	-34.25	-388.33	12.02	-7.17	294.43
11,679.00	5.55	359.43	11,656.17	-384.49	-34.74	-384.40	6.70	6.25	53.74
11,773.00	12.04	9.24	11,749.02	-370.25	-33.21	-370.17	7.06	6.90	10.44
11,868.00	23.62	12.89	11,839.31	-341.82	-27.35	-341.75	12.24	12.19	3.84
11,962.00	36.51	9.37	11,920.50	-295.68	-18.56	-295.63	13.84	13.71	-3.74
12,056.00	47.99	10.19	11,989.96	-233.51	-7.79	-233.49	12.23	12.21	0.87
12,151.00	51.20	12.36	12,051.53	-162.59	6.38	-162.60	3.80	3.38	2.28
12,245.00	60.34	7.88	12,104.37	-86.16	19.85	-86.21	10.49	9.72	-4.77
12,339.00	70.95	5.06	12,143.09	-1.20	29.40	-1.27	11.61	11.29	-3.00
12,434.00	84.49	2.57	12,163.25	91.20	35.51	91.11	14.48	14.25	-2.62
12,529.00	88.45	1.78	12,169.10	185.94	39.11	185.83	4.25	4.17	-0.83
12,606.00	87.83	1.63	12,171.60	262.86	41.40	262.75	0.83	-0.81	-0.19
12,701.00	90.42	0.11	12,173.05	357.83	42.84	357.72	3.16	2.73	-1.60
12,795.00	90.73	0.93	12,172.11	451.82	43.69	451.70	0.93	0.33	0.87



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
12,890.00	90.36	0.09	12,171.20	546.81	44.54	546.69	0.97	-0.39	-0.88
12,985.00	89.74	359.27	12,171.12	641.81	44.00	641.69	1.08	-0.65	-0.86
13,079.00	90.42	357.92	12,170.99	735.78	41.70	735.66	1.61	0.72	-1.44
13,174.00	90.24	0.82	12,170.44	830.76	40.66	830.65	3.06	-0.19	3.05
13,269.00	90.24	1.94	12,170.04	925.73	42.94	925.61	1.18	0.00	1.18
13,363.00	90.42	0.49	12,169.50	1,019.70	44.94	1,019.58	1.55	0.19	-1.54
13,457.00	88.57	359.86	12,170.33	1,113.69	45.22	1,113.57	2.08	-1.97	-0.67
13,552.00	89.78	0.91	12,171.70	1,208.68	45.86	1,208.56	1.69	1.27	1.11
13,646.00	88.88	0.40	12,172.80	1,302.67	46.94	1,302.54	1.10	-0.96	-0.54
13,741.00	89.47	0.70	12,174.16	1,397.65	47.85	1,397.52	0.70	0.62	0.32
13,836.00	89.10	356.20	12,175.35	1,492.58	45.28	1,492.46	4.75	-0.39	-4.74
13,931.00	92.05	359.58	12,174.40	1,587.49	41.78	1,587.38	4.72	3.11	3.56
14,019.00	92.09	359.81	12,171.22	1,675.43	41.31	1,675.32	0.27	0.05	0.26
14,099.00	87.37	358.94	12,171.60	1,755.40	40.44	1,755.29	6.00	-5.90	-1.09
14,194.00	87.80	359.42	12,175.60	1,850.31	39.08	1,850.20	0.68	0.45	0.51
14,288.00	90.92	357.88	12,176.65	1,944.26	36.87	1,944.16	3.70	3.32	-1.64
14,383.00	90.57	357.31	12,175.41	2,039.17	32.88	2,039.08	0.70	-0.37	-0.60
14,477.00	90.25	355.62	12,174.74	2,132.98	27.09	2,132.91	1.83	-0.34	-1.80
14,572.00	89.87	356.20	12,174.64	2,227.74	20.31	2,227.68	0.73	-0.40	0.61
14,667.00	90.67	357.00	12,174.19	2,322.57	14.68	2,322.53	1.19	0.84	0.84
14,761.00	91.15	358.89	12,172.70	2,416.50	11.31	2,416.46	2.07	0.51	2.01
14,856.00	90.09	0.70	12,171.67	2,511.48	10.97	2,511.45	2.21	-1.12	1.91
14,950.00	89.72	1.54	12,171.83	2,605.47	12.81	2,605.42	0.98	-0.39	0.89
15,044.00	90.99	1.38	12,171.25	2,699.43	15.20	2,699.38	1.36	1.35	-0.17
15,138.00	91.05	1.63	12,169.57	2,793.38	17.67	2,793.33	0.27	0.06	0.27
15,233.00	91.51	1.17	12,167.45	2,888.33	19.99	2,888.27	0.68	0.48	-0.48
15,328.00	90.80	1.22	12,165.54	2,983.29	21.97	2,983.22	0.75	-0.75	0.05
15,422.00	90.52	1.32	12,164.45	3,077.26	24.05	3,077.19	0.32	-0.30	0.11
15,517.00	89.76	3.20	12,164.22	3,172.18	27.80	3,172.10	2.13	-0.80	1.98
15,612.00	89.90	2.95	12,164.50	3,267.04	32.90	3,266.95	0.30	0.15	-0.26
15,706.00	89.23	2.47	12,165.22	3,360.94	37.34	3,360.83	0.88	-0.71	-0.51
15,801.00	88.96	2.32	12,166.72	3,455.84	41.31	3,455.72	0.33	-0.28	-0.16
15,895.00	87.41	1.47	12,169.69	3,549.74	44.42	3,549.61	1.88	-1.65	-0.90
15,989.00	87.31	1.41	12,174.02	3,643.61	46.78	3,643.48	0.12	-0.11	-0.06
16,084.00	88.25	1.72	12,177.70	3,738.50	49.37	3,738.36	1.04	0.99	0.33
16,178.00	87.74	1.66	12,180.99	3,832.40	52.14	3,832.25	0.55	-0.54	-0.06
16,273.00	88.36	2.07	12,184.22	3,927.30	55.23	3,927.14	0.78	0.65	0.43
16,367.00	86.52	1.51	12,188.42	4,021.15	58.16	4,020.99	2.05	-1.96	-0.60
16,461.00	89.41	1.68	12,191.76	4,115.05	60.78	4,114.88	3.08	3.07	0.18
16,556.00	86.93	1.38	12,194.79	4,209.96	63.31	4,209.78	2.63	-2.61	-0.32
16,651.00	87.29	1.64	12,199.58	4,304.80	65.81	4,304.62	0.47	0.38	0.27
16,745.00	88.16	1.76	12,203.32	4,398.69	68.60	4,398.49	0.93	0.93	0.13
16,839.00	88.56	1.79	12,206.01	4,492.60	71.51	4,492.40	0.43	0.43	0.03



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
16,934.00	89.04	1.78	12,207.99	4,587.54	74.47	4,587.33	0.51	0.51	-0.01
17,028.00	88.61	1.53	12,209.92	4,681.48	77.18	4,681.26	0.53	-0.46	-0.27
17,123.00	89.36	1.38	12,211.61	4,776.43	79.59	4,776.21	0.81	0.79	-0.16
17,217.00	90.68	0.58	12,211.57	4,870.41	81.20	4,870.19	1.64	1.40	-0.85
17,312.00	89.52	358.92	12,211.41	4,965.41	80.79	4,965.18	2.13	-1.22	-1.75
17,406.00	87.79	357.23	12,213.61	5,059.32	77.63	5,059.10	2.57	-1.84	-1.80
17,500.00	89.90	357.60	12,215.51	5,153.20	73.39	5,152.99	2.28	2.24	0.39
17,595.00	89.12	356.49	12,216.32	5,248.07	68.50	5,247.87	1.43	-0.82	-1.17
17,690.00	86.80	353.05	12,219.70	5,342.59	59.85	5,342.42	4.37	-2.44	-3.62
17,784.00	90.61	355.56	12,221.83	5,436.08	50.52	5,435.93	4.85	4.05	2.67
17,878.00	88.43	354.97	12,222.61	5,529.75	42.77	5,529.62	2.40	-2.32	-0.63
17,973.00	90.18	354.69	12,223.77	5,624.35	34.21	5,624.25	1.87	1.84	-0.29
18,067.00	90.35	356.47	12,223.33	5,718.07	26.96	5,717.98	1.90	0.18	1.89
18,162.00	91.01	355.99	12,222.20	5,812.86	20.72	5,812.78	0.86	0.69	-0.51
18,256.00	90.24	355.83	12,221.18	5,906.61	14.01	5,906.55	0.84	-0.82	-0.17
18,351.00	89.27	354.92	12,221.59	6,001.30	6.35	6,001.26	1.40	-1.02	-0.96
18,446.00	88.97	354.79	12,223.04	6,095.90	-2.17	6,095.89	0.34	-0.32	-0.14
18,540.00	87.50	354.89	12,225.94	6,189.48	-10.62	6,189.48	1.57	-1.56	0.11
18,635.00	87.37	355.26	12,230.19	6,284.03	-18.76	6,284.06	0.41	-0.14	0.39
18,730.00	86.45	355.26	12,235.31	6,378.57	-26.60	6,378.61	0.97	-0.97	0.00
18,809.00	85.51	355.27	12,240.85	6,457.10	-33.11	6,457.17	1.19	-1.19	0.01
18,903.00	86.93	357.37	12,247.05	6,550.70	-39.13	6,550.78	2.69	1.51	2.23
18,998.00	91.36	2.03	12,248.47	6,645.64	-39.62	6,645.72	6.77	4.66	4.91
19,092.00	95.31	5.80	12,243.00	6,739.22	-33.22	6,739.29	5.80	4.20	4.01
19,187.00	98.17	8.09	12,231.85	6,832.86	-21.82	6,832.89	3.85	3.01	2.41
19,281.00	95.78	5.50	12,220.43	6,925.49	-10.79	6,925.50	3.73	-2.54	-2.76
19,375.00	93.13	2.20	12,213.13	7,018.98	-4.50	7,018.96	4.49	-2.82	-3.51
19,469.00	91.95	359.61	12,208.96	7,112.86	-3.02	7,112.85	3.03	-1.26	-2.76
19,564.00	92.22	359.66	12,205.51	7,207.80	-3.63	7,207.78	0.29	0.28	0.05
19,659.00	89.70	358.77	12,203.91	7,302.77	-4.93	7,302.75	2.81	-2.65	-0.94
19,753.00	89.43	359.64	12,204.63	7,396.75	-6.23	7,396.75	0.97	-0.29	0.93
19,848.00	90.03	0.68	12,205.07	7,491.75	-5.97	7,491.74	1.26	0.63	1.09
19,942.00	89.65	359.81	12,205.34	7,585.75	-5.56	7,585.74	1.01	-0.40	-0.93
20,037.00	90.24	359.34	12,205.43	7,680.75	-6.27	7,680.74	0.79	0.62	-0.49
20,132.00	89.90	359.23	12,205.31	7,775.74	-7.45	7,775.73	0.38	-0.36	-0.12
20,226.00	89.38	359.36	12,205.90	7,869.73	-8.61	7,869.72	0.57	-0.55	0.14
20,321.00	89.23	0.13	12,207.06	7,964.72	-9.03	7,964.72	0.83	-0.16	0.81
20,416.00	88.50	358.56	12,208.94	8,059.69	-10.12	8,059.69	1.82	-0.77	-1.65
20,511.00	89.55	358.33	12,210.55	8,154.64	-12.70	8,154.65	1.13	1.11	-0.24
20,605.00	90.23	358.49	12,210.73	8,248.60	-15.31	8,248.62	0.74	0.72	0.17
20,700.00	89.75	0.14	12,210.75	8,343.59	-16.44	8,343.61	1.81	-0.51	1.74
20,795.00	89.66	1.49	12,211.24	8,438.58	-15.09	8,438.59	1.42	-0.09	1.42
20,889.00	89.47	5.12	12,211.95	8,532.41	-9.67	8,532.40	3.87	-0.20	3.86
20,984.00	89.82	8.31	12,212.54	8,626.74	1.43	8,626.71	3.38	0.37	3.36



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 34H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3657.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3657.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 34H	North Reference:	Grid
Wellbore:	OH / 69923	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)
21,078.00	89.88	7.41	12,212.79	8,719.86	14.29	8,719.79	0.96	0.06	-0.96
21,173.00	90.18	9.41	12,212.74	8,813.83	28.18	8,813.73	2.13	0.32	2.11
21,267.00	91.23	5.44	12,211.58	8,907.01	40.33	8,906.88	4.37	1.12	-4.22
21,361.00	94.04	1.73	12,207.26	9,000.70	46.20	9,000.55	4.95	2.99	-3.95
21,456.00	93.91	358.94	12,200.67	9,095.47	46.75	9,095.31	2.93	-0.14	-2.94
21,550.00	92.13	355.62	12,195.72	9,189.21	42.30	9,189.07	4.00	-1.89	-3.53
21,645.00	88.07	354.56	12,195.55	9,283.84	34.17	9,283.72	4.42	-4.27	-1.12
21,739.00	84.02	353.65	12,202.04	9,377.10	24.54	9,377.01	4.42	-4.31	-0.97
21,834.00	85.65	354.95	12,210.59	9,471.24	15.15	9,471.17	2.19	1.72	1.37
21,928.00	87.81	355.59	12,215.95	9,564.76	7.41	9,564.71	2.40	2.30	0.68
22,023.00	94.10	356.49	12,214.37	9,659.48	0.85	9,659.44	6.69	6.62	0.95
22,118.00	91.78	355.61	12,209.49	9,754.12	-5.68	9,754.10	2.61	-2.44	-0.93
22,212.00	91.37	356.03	12,206.91	9,847.83	-12.53	9,847.83	0.62	-0.44	0.45
22,259.00	90.66	355.96	12,206.08	9,894.71	-15.81	9,894.72	1.52	-1.51	-0.15
Final Phoenix MWD Survey									
22,273.02	90.66	355.96	12,205.92	9,908.69	-16.80	9,908.70	0.00	0.00	0.00
LTP: 22273.02' MD, 90.66° Inc, 355.96° Azm									
22,321.00	90.66	355.96	12,205.36	9,956.55	-20.18	9,956.57	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)	
958.82	958.75	6.52	-3.37	Tie In
1,074.00	1,073.89	8.53	-5.62	First Phoenix MWD Survey
22,259.00	12,206.08	9,894.71	-15.81	Final Phoenix MWD Survey
22,273.02	12,205.92	9,908.69	-16.80	LTP: 22273.02' MD, 90.66° Inc, 355.96° Azm
22,321.00	12,205.36	9,956.55	-20.18	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

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 148744

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 148744
	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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CONDITIONS

Action 148744

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 148744
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	RT expires 90 days form ready date	12/5/2022