

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: RT - 10/07/2022
⁴ API Number 30 - 025-48758	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: 312H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	18	22S	33E		551	SOUTH	1618	EAST	LEA

¹¹ Bottom Hole Location

FTP- 565' FSL 2558' FWL LTP- 193' FNL 2532' FWL

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		50	NORTH	2527	WEST	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 05/25/22	²² Ready Date 10/07/2022	²³ TD 22350'M 12048'V	²⁴ PBDT 22305'M 12047'V	²⁵ Perforations 12367-22207'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		928'	1165
9-7/8"		7-5/8"		11474'	3206
6-3/4"		5-1/2"		22328'	830

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: 422-685-5936

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**Title: **PETROLEUM SPECIALIST**

Approval Date: 12/7/2022

RT EXPIRES 1/7/2023

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

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

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 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT

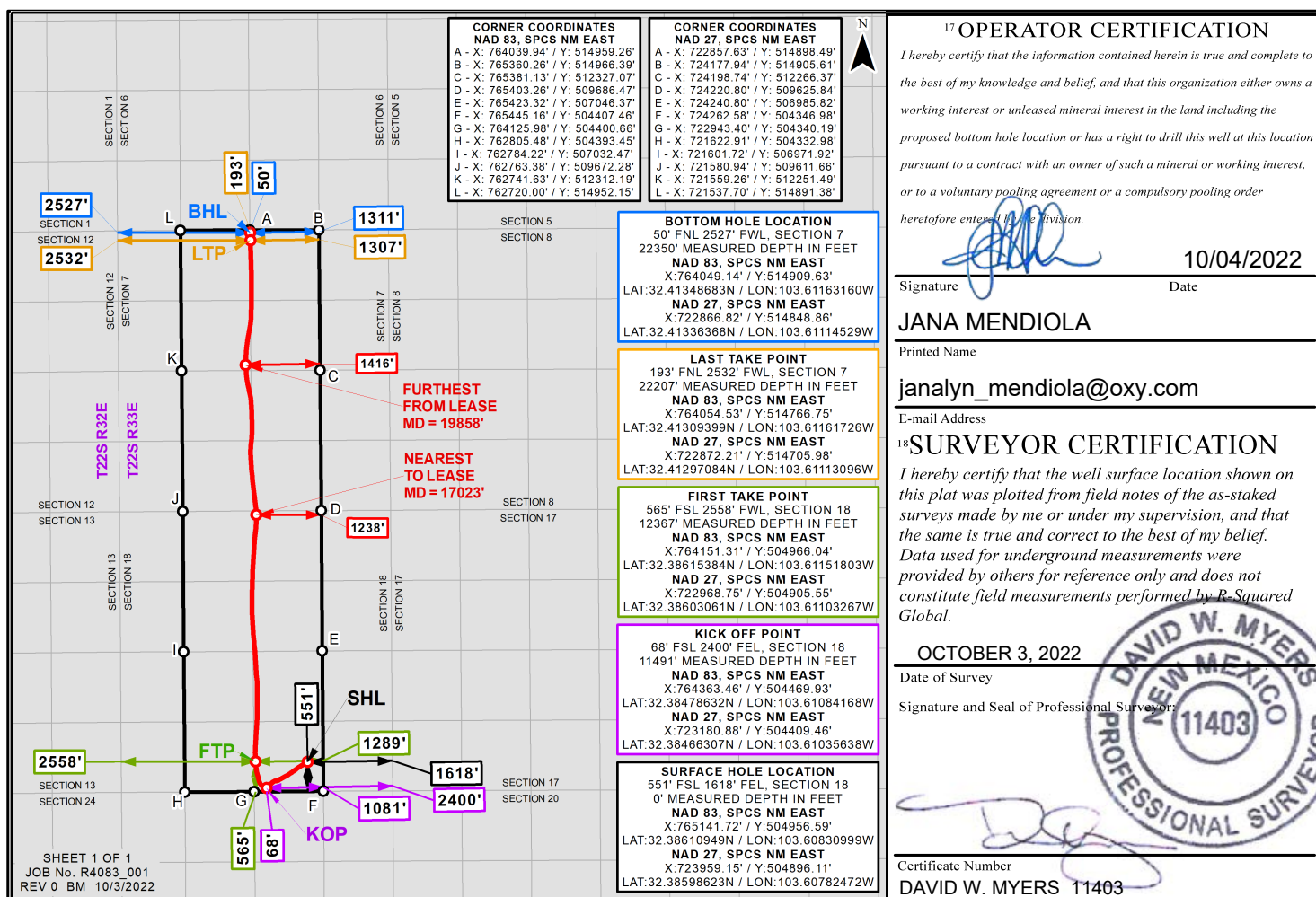
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-48758	² Pool Code 98177	³ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP
⁴ Property Code 330703	Property Name SENILE FELINES 18_7 STATE COM	⁶ Well Number 312H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3633'

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	1618	EAST	LEA
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
B	7	22S	33E		50	NORTH	2527	WEST	LEA
¹² Dedicated Acres 640.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.9997856 Convergence Angle: 00°22'27.180012"



OXY USA INC.

**Lea County, NM (NAD83-NME)
SF 18_7 SC
Senile Felines 18_7 State Com 312H**

OH / 69924

Design: Surveys (H&P 479)

Standard Survey Report

19 August, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 312H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3658.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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 312H		
Well Position	+N/-S	0.00 usft	Northing: 504,956.59 usft
	+E/-W	0.00 usft	Easting: 765,141.71 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 23' 9.994099 N
		Longitude:	103° 36' 29.916039 W
		Ground Level:	3,633.00 usft

Wellbore	OH / 69924				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	7/11/2022	6.480	60.113	47,870.80000000

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	353.93	

Survey Program	Date	8/19/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	915.82	Gyro Surveys - Adj Surface (OH / 69)	Gyrodata Stationary Tool drop on BHA on open h		
1,053.00	22,350.00	Phoenix MWD Surveys - SQC R9 (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	0.14	233.88	95.88	-0.05	-0.07	-0.04	0.20	0.20	0.00	
182.78	0.16	214.08	182.78	-0.21	-0.22	-0.19	0.06	0.02	-22.78	
271.47	0.27	210.61	271.47	-0.50	-0.40	-0.45	0.12	0.12	-3.91	
365.95	0.23	199.12	365.95	-0.87	-0.57	-0.80	0.07	-0.04	-12.16	
460.44	0.11	77.90	460.44	-1.03	-0.55	-0.96	0.32	-0.13	-128.29	
554.82	0.38	30.90	554.82	-0.74	-0.30	-0.70	0.33	0.29	-49.80	
649.38	0.60	22.79	649.37	-0.01	0.05	-0.02	0.24	0.23	-8.58	
743.80	0.67	0.12	743.79	0.99	0.25	0.96	0.27	0.07	-24.01	

Phoenix Survey Report



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Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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)
838.24	0.78	352.74	838.22	2.18	0.17	2.15	0.15	0.12	-7.81
915.82	0.95	327.48	915.79	3.25	-0.25	3.26	0.53	0.22	-32.56
Tie In									
1,053.00	1.45	295.41	1,052.94	4.95	-2.43	5.18	0.60	0.36	-23.38
First Phoenix MWD Survey									
1,147.00	1.12	292.35	1,146.92	5.81	-4.35	6.24	0.36	-0.35	-3.26
1,242.00	0.08	92.97	1,241.91	6.16	-5.14	6.67	1.26	-1.09	169.07
1,337.00	0.06	245.43	1,336.91	6.14	-5.12	6.65	0.14	-0.02	160.48
1,432.00	0.08	227.05	1,431.91	6.07	-5.21	6.59	0.03	0.02	-19.35
1,526.00	0.09	220.04	1,525.91	5.97	-5.31	6.50	0.02	0.01	-7.46
1,621.00	0.03	44.39	1,620.91	5.93	-5.34	6.46	0.13	-0.06	-184.89
1,716.00	0.04	120.15	1,715.91	5.93	-5.29	6.46	0.05	0.01	79.75
1,810.00	0.14	132.34	1,809.91	5.84	-5.18	6.35	0.11	0.11	12.97
1,905.00	0.12	144.23	1,904.91	5.68	-5.04	6.18	0.04	-0.02	12.52
2,000.00	0.06	82.33	1,999.91	5.61	-4.93	6.10	0.11	-0.06	-65.16
2,095.00	0.13	90.97	2,094.91	5.61	-4.77	6.08	0.08	0.07	9.09
2,189.00	0.13	100.07	2,188.91	5.59	-4.56	6.04	0.02	0.00	9.68
2,284.00	0.18	124.53	2,283.91	5.49	-4.33	5.91	0.09	0.05	25.75
2,379.00	0.14	125.67	2,378.91	5.33	-4.11	5.74	0.04	-0.04	1.20
2,474.00	0.21	122.82	2,473.91	5.17	-3.87	5.55	0.07	0.07	-3.00
2,569.00	0.09	122.78	2,568.91	5.04	-3.67	5.40	0.13	-0.13	-0.04
2,663.00	0.22	102.69	2,662.91	4.96	-3.43	5.29	0.15	0.14	-21.37
2,758.00	0.15	109.42	2,757.91	4.88	-3.13	5.18	0.08	-0.07	7.08
2,853.00	0.21	97.64	2,852.91	4.81	-2.84	5.09	0.07	0.06	-12.40
2,948.00	0.23	109.98	2,947.91	4.72	-2.49	4.96	0.05	0.02	12.99
3,042.00	0.20	127.12	3,041.91	4.56	-2.18	4.77	0.08	-0.03	18.23
3,137.00	0.22	106.71	3,136.91	4.41	-1.88	4.58	0.08	0.02	-21.48
3,232.00	0.17	109.01	3,231.91	4.31	-1.57	4.45	0.05	-0.05	2.42
3,326.00	0.13	123.94	3,325.91	4.20	-1.35	4.32	0.06	-0.04	15.88
3,421.00	0.09	199.86	3,420.91	4.07	-1.28	4.19	0.15	-0.04	79.92
3,515.00	0.01	322.73	3,514.91	4.01	-1.31	4.13	0.10	-0.09	130.71
3,610.00	0.05	47.26	3,609.91	4.05	-1.29	4.16	0.05	0.04	88.98
3,705.00	0.32	44.09	3,704.91	4.26	-1.07	4.35	0.28	0.28	-3.34
3,799.00	1.25	31.85	3,798.90	5.32	-0.35	5.33	1.00	0.99	-13.02
3,894.00	0.96	25.08	3,893.88	6.93	0.54	6.83	0.33	-0.31	-7.13
3,989.00	0.07	328.60	3,988.87	7.70	0.84	7.56	0.97	-0.94	-59.45
4,084.00	0.06	102.36	4,083.87	7.73	0.86	7.60	0.13	-0.01	140.80
4,273.00	0.09	56.87	4,272.87	7.79	1.08	7.64	0.03	0.02	-24.07
4,367.00	0.03	101.88	4,366.87	7.83	1.17	7.66	0.08	-0.06	47.88
4,462.00	0.08	35.50	4,461.87	7.88	1.23	7.70	0.08	0.05	-69.87
4,556.00	0.03	26.50	4,555.87	7.95	1.28	7.77	0.05	-0.05	-9.57
4,651.00	0.12	296.23	4,650.87	8.02	1.20	7.85	0.13	0.09	-95.02
4,745.00	0.10	289.91	4,744.87	8.09	1.04	7.94	0.02	-0.02	-6.72



Phoenix Survey Report



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Wellbore:	OH / 69924	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)
4,840.00	0.11	271.74	4,839.87	8.12	0.87	7.99	0.04	0.01	-19.13
4,935.00	0.11	284.80	4,934.87	8.15	0.69	8.03	0.03	0.00	13.75
5,029.00	0.08	279.10	5,028.87	8.18	0.54	8.08	0.03	-0.03	-6.06
5,124.00	0.03	280.24	5,123.87	8.20	0.45	8.10	0.05	-0.05	1.20
5,219.00	0.12	312.76	5,218.87	8.27	0.35	8.19	0.10	0.09	34.23
5,313.00	0.06	286.62	5,312.87	8.35	0.23	8.28	0.08	-0.06	-27.81
5,408.00	0.13	158.77	5,407.87	8.26	0.22	8.19	0.18	0.07	-134.58
5,524.00	0.29	34.14	5,523.87	8.38	0.43	8.29	0.33	0.14	-107.44
5,619.00	1.39	220.63	5,618.86	7.71	-0.18	7.68	1.77	1.16	-182.64
5,714.00	2.30	223.54	5,713.81	5.45	-2.25	5.66	0.96	0.96	3.06
5,808.00	2.10	226.58	5,807.74	2.90	-4.80	3.39	0.25	-0.21	3.23
5,903.00	1.96	224.96	5,902.68	0.56	-7.21	1.31	0.16	-0.15	-1.71
5,998.00	4.36	247.32	5,997.54	-1.99	-11.69	-0.74	2.79	2.53	23.54
6,092.00	4.71	247.83	6,091.24	-4.82	-18.56	-2.83	0.37	0.37	0.54
6,187.00	6.46	242.41	6,185.79	-8.77	-26.91	-5.88	1.92	1.84	-5.71
6,282.00	7.61	235.64	6,280.07	-14.79	-36.84	-10.82	1.49	1.21	-7.13
6,376.00	6.98	235.00	6,373.31	-21.58	-46.66	-16.53	0.68	-0.67	-0.68
6,471.00	7.60	234.03	6,467.54	-28.58	-56.47	-22.46	0.67	0.65	-1.02
6,566.00	9.58	238.14	6,561.47	-36.45	-68.27	-29.03	2.18	2.08	4.33
6,660.00	9.26	237.54	6,654.21	-44.64	-81.29	-35.79	0.36	-0.34	-0.64
6,755.00	9.05	237.65	6,748.00	-52.74	-94.06	-42.50	0.22	-0.22	0.12
6,849.00	9.80	240.87	6,840.73	-60.59	-107.29	-48.91	0.98	0.80	3.43
6,944.00	9.50	239.10	6,934.38	-68.55	-121.08	-55.37	0.44	-0.32	-1.86
7,039.00	9.19	237.60	7,028.12	-76.64	-134.21	-62.03	0.41	-0.33	-1.58
7,133.00	8.22	236.99	7,121.04	-84.32	-146.18	-68.40	1.04	-1.03	-0.65
7,207.00	8.55	236.54	7,194.25	-90.24	-155.21	-73.33	0.45	0.45	-0.61
7,301.00	9.09	236.40	7,287.14	-98.20	-167.22	-79.98	0.57	0.57	-0.15
7,396.00	12.17	235.59	7,380.49	-108.01	-181.74	-88.20	3.25	3.24	-0.85
7,491.00	14.52	234.71	7,472.92	-120.55	-199.72	-98.77	2.48	2.47	-0.93
7,585.00	15.80	233.95	7,563.65	-134.89	-219.69	-110.92	1.38	1.36	-0.81
7,679.00	15.01	233.95	7,654.27	-149.59	-239.88	-123.40	0.84	-0.84	0.00
7,774.00	14.67	234.79	7,746.10	-163.76	-259.65	-135.40	0.42	-0.36	0.88
7,869.00	14.72	235.68	7,838.00	-177.50	-279.45	-146.98	0.24	0.05	0.94
7,963.00	15.24	236.01	7,928.80	-191.14	-299.56	-158.42	0.56	0.55	0.35
8,057.00	15.08	236.36	8,019.53	-204.82	-319.98	-169.86	0.20	-0.17	0.37
8,152.00	15.18	236.11	8,111.24	-218.61	-340.59	-181.39	0.13	0.11	-0.26
8,247.00	14.72	237.90	8,203.02	-231.95	-361.14	-192.49	0.69	-0.48	1.88
8,341.00	15.35	238.65	8,293.80	-244.77	-381.88	-203.05	0.70	0.67	0.80
8,436.00	15.40	239.67	8,385.40	-257.69	-403.51	-213.60	0.29	0.05	1.07
8,530.00	15.19	240.77	8,476.07	-270.00	-425.03	-223.57	0.38	-0.22	1.17
8,625.00	14.74	241.64	8,567.85	-281.82	-446.53	-233.05	0.53	-0.47	0.92
8,720.00	15.04	242.76	8,659.66	-293.20	-468.12	-242.09	0.44	0.32	1.18
8,814.00	13.68	243.89	8,750.72	-303.68	-488.95	-250.30	1.48	-1.45	1.20
8,909.00	11.45	240.87	8,843.44	-313.21	-507.27	-257.85	2.45	-2.35	-3.18



Phoenix Survey Report



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Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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)
9,003.00	9.19	239.24	8,935.92	-321.60	-521.88	-264.64	2.42	-2.40	-1.73
9,098.00	8.74	239.08	9,029.75	-329.18	-534.59	-270.84	0.47	-0.47	-0.17
9,193.00	8.16	243.36	9,123.72	-335.92	-546.80	-276.25	0.90	-0.61	4.51
9,288.00	8.31	247.26	9,217.75	-341.59	-559.16	-280.59	0.61	0.16	4.11
9,382.00	8.57	250.54	9,310.73	-346.55	-572.03	-284.16	0.58	0.28	3.49
9,477.00	8.91	256.01	9,404.63	-350.69	-585.84	-286.81	0.94	0.36	5.76
9,572.00	8.74	261.48	9,498.50	-353.54	-600.12	-288.13	0.90	-0.18	5.76
9,667.00	8.40	259.87	9,592.44	-355.83	-614.09	-288.94	0.44	-0.36	-1.69
9,761.00	7.99	253.77	9,685.48	-358.86	-627.12	-290.58	1.02	-0.44	-6.49
9,856.00	7.02	245.65	9,779.67	-363.10	-638.75	-293.56	1.51	-1.02	-8.55
9,951.00	6.73	238.96	9,873.99	-368.36	-648.81	-297.73	0.90	-0.31	-7.04
10,046.00	6.77	236.80	9,968.33	-374.30	-658.26	-302.64	0.27	0.04	-2.27
10,141.00	6.45	233.30	10,062.70	-380.55	-667.23	-307.91	0.54	-0.34	-3.68
10,235.00	6.52	229.22	10,156.10	-387.20	-675.50	-313.64	0.50	0.07	-4.34
10,330.00	6.39	225.82	10,250.50	-394.40	-683.38	-319.97	0.42	-0.14	-3.58
10,425.00	6.51	228.37	10,344.90	-401.66	-691.19	-326.37	0.33	0.13	2.68
10,520.00	6.46	228.32	10,439.29	-408.80	-699.21	-332.61	0.05	-0.05	-0.05
10,615.00	6.61	231.60	10,533.67	-415.75	-707.49	-338.65	0.42	0.16	3.45
10,709.00	6.39	232.79	10,627.07	-422.27	-715.89	-344.25	0.27	-0.23	1.27
10,804.00	6.86	226.87	10,721.43	-429.35	-724.24	-350.40	0.87	0.49	-6.23
10,899.00	6.86	220.50	10,815.76	-437.54	-732.07	-357.72	0.80	0.00	-6.71
10,994.00	6.98	216.63	10,910.06	-446.49	-739.20	-365.87	0.51	0.13	-4.07
11,088.00	6.39	216.29	11,003.42	-455.29	-745.70	-373.93	0.63	-0.63	-0.36
11,183.00	6.47	222.45	11,097.83	-463.50	-752.44	-381.38	0.73	0.08	6.48
11,278.00	6.77	228.41	11,192.20	-471.16	-760.25	-388.18	0.79	0.32	6.27
11,366.00	6.13	227.90	11,279.64	-477.76	-767.61	-393.96	0.73	-0.73	-0.58
11,491.00	6.63	232.16	11,403.86	-486.66	-778.26	-401.68	0.55	0.40	3.41
11,585.00	18.51	271.68	11,495.58	-489.56	-797.56	-402.53	14.92	12.64	42.04
11,680.00	28.82	296.64	11,582.68	-478.80	-833.28	-388.06	14.92	10.85	26.27
11,763.33	33.11	309.85	11,654.20	-455.17	-868.77	-360.81	9.62	5.15	15.85
FTP: 11763.33' MD, 33.11° Inc, 309.85° Azm									
11,774.00	33.75	311.31	11,663.11	-451.35	-873.23	-356.53	9.62	5.98	13.68
11,869.00	43.01	334.48	11,737.88	-404.34	-907.26	-306.20	17.87	9.75	24.39
11,963.00	51.58	345.88	11,801.69	-339.46	-930.14	-239.26	12.72	9.12	12.13
12,058.00	56.65	344.75	11,857.36	-265.04	-949.67	-163.19	5.42	5.34	-1.19
12,153.00	60.79	349.21	11,906.69	-185.97	-967.88	-82.64	5.92	4.36	4.69
12,247.00	65.58	352.79	11,949.09	-103.14	-980.94	1.10	6.12	5.10	3.81
12,342.00	72.89	356.52	11,982.76	-14.77	-989.14	89.84	8.52	7.69	3.93
12,437.00	79.11	357.48	12,005.73	77.23	-993.95	181.84	6.62	6.55	1.01
12,531.00	80.50	358.97	12,022.37	169.70	-996.81	274.09	2.15	1.48	1.59
12,626.00	91.48	2.98	12,029.01	264.29	-995.18	367.98	12.30	11.56	4.22
12,677.00	92.63	3.14	12,027.18	315.18	-992.46	418.30	2.28	2.25	0.31
12,771.00	94.03	4.05	12,021.72	408.83	-986.58	510.81	1.78	1.49	0.97



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 312H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3658.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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)
12,866.00	94.65	3.97	12,014.53	503.33	-979.95	604.07	0.66	0.65	-0.08
12,961.00	93.72	3.50	12,007.60	597.87	-973.78	697.44	1.10	-0.98	-0.49
13,055.00	90.09	3.12	12,004.47	691.65	-968.36	790.11	3.88	-3.86	-0.40
13,150.00	86.72	2.24	12,007.12	786.49	-963.92	883.96	3.67	-3.55	-0.93
13,245.00	87.57	1.96	12,011.85	881.31	-960.44	977.88	0.94	0.89	-0.29
13,339.00	87.48	1.51	12,015.91	975.18	-957.60	1,070.92	0.49	-0.10	-0.48
13,433.00	87.48	359.97	12,020.04	1,069.08	-956.39	1,164.16	1.64	0.00	-1.64
13,528.00	88.10	0.08	12,023.70	1,164.01	-956.34	1,258.56	0.66	0.65	0.12
13,622.00	89.69	359.43	12,025.52	1,257.99	-956.75	1,352.05	1.83	1.69	-0.69
13,717.00	89.63	358.73	12,026.08	1,352.97	-958.27	1,446.67	0.74	-0.06	-0.74
13,812.00	88.59	357.57	12,027.56	1,447.91	-961.34	1,541.39	1.64	-1.09	-1.22
13,907.00	89.28	356.00	12,029.32	1,542.74	-966.67	1,636.26	1.80	0.73	-1.65
14,001.00	90.42	354.92	12,029.57	1,636.44	-974.11	1,730.22	1.67	1.21	-1.15
14,095.00	90.28	356.28	12,028.99	1,730.16	-981.32	1,824.18	1.45	-0.15	1.45
14,190.00	90.76	357.63	12,028.13	1,825.02	-986.36	1,919.04	1.51	0.51	1.42
14,284.00	88.91	356.57	12,028.40	1,918.89	-991.12	2,012.89	2.27	-1.97	-1.13
14,379.00	90.20	355.99	12,029.14	2,013.69	-997.28	2,107.80	1.49	1.36	-0.61
14,473.00	90.19	354.76	12,028.82	2,107.38	-1,004.86	2,201.77	1.31	-0.01	-1.31
14,568.00	89.63	354.16	12,028.97	2,201.93	-1,014.03	2,296.77	0.86	-0.59	-0.63
14,663.00	90.08	353.91	12,029.21	2,296.42	-1,023.90	2,391.77	0.54	0.47	-0.26
14,757.00	90.52	355.38	12,028.72	2,390.00	-1,032.68	2,485.75	1.63	0.47	1.56
14,852.00	90.16	355.65	12,028.15	2,484.71	-1,040.11	2,580.72	0.47	-0.38	0.28
14,946.00	89.92	356.85	12,028.09	2,578.51	-1,046.25	2,674.64	1.30	-0.26	1.28
15,040.00	89.88	357.61	12,028.25	2,672.40	-1,050.80	2,768.48	0.81	-0.04	0.81
15,134.00	90.10	357.48	12,028.27	2,766.31	-1,054.82	2,862.29	0.27	0.23	-0.14
15,229.00	89.99	359.22	12,028.19	2,861.27	-1,057.56	2,957.01	1.84	-0.12	1.83
15,324.00	90.48	359.54	12,027.81	2,956.26	-1,058.59	3,051.58	0.62	0.52	0.34
15,418.00	90.40	0.16	12,027.08	3,050.26	-1,058.83	3,145.07	0.67	-0.09	0.66
15,513.00	90.20	0.92	12,026.59	3,145.25	-1,057.94	3,239.44	0.83	-0.21	0.80
15,608.00	89.81	2.13	12,026.58	3,240.22	-1,055.41	3,333.61	1.34	-0.41	1.27
15,702.00	90.41	2.30	12,026.40	3,334.14	-1,051.78	3,426.63	0.66	0.64	0.18
15,797.00	89.84	1.56	12,026.19	3,429.09	-1,048.58	3,520.70	0.98	-0.60	-0.78
15,891.00	89.83	1.94	12,026.46	3,523.04	-1,045.71	3,613.83	0.40	-0.01	0.40
15,985.00	90.93	1.90	12,025.84	3,616.99	-1,042.56	3,706.91	1.17	1.17	-0.04
16,080.00	90.07	2.05	12,025.01	3,711.93	-1,039.28	3,800.97	0.92	-0.91	0.16
16,173.00	90.47	2.26	12,024.57	3,804.86	-1,035.79	3,893.02	0.49	0.43	0.23
16,268.00	92.06	5.00	12,022.47	3,899.63	-1,029.77	3,986.63	3.33	1.67	2.88
16,362.00	90.58	4.11	12,020.31	3,993.31	-1,022.31	4,078.99	1.84	-1.57	-0.95
16,456.00	89.35	4.18	12,020.36	4,087.06	-1,015.52	4,171.50	1.31	-1.31	0.07
16,551.00	89.46	4.25	12,021.35	4,181.80	-1,008.53	4,264.97	0.14	0.12	0.07
16,646.00	89.32	5.72	12,022.36	4,276.43	-1,000.28	4,358.20	1.55	-0.15	1.55
16,740.00	90.52	6.89	12,022.49	4,369.86	-989.96	4,450.01	1.78	1.28	1.24
16,834.00	91.33	4.84	12,020.98	4,463.35	-980.35	4,541.96	2.34	0.86	-2.18



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 312H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3658.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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)
16,869.00	91.14	3.18	12,020.22	4,498.26	-977.91	4,576.41	4.77	-0.54	-4.74
16,929.00	91.84	1.25	12,018.66	4,558.19	-975.59	4,635.76	3.42	1.17	-3.22
17,023.00	92.96	358.17	12,014.72	4,652.09	-976.06	4,729.19	3.48	1.19	-3.28
17,118.00	92.98	354.41	12,009.80	4,746.75	-982.20	4,823.97	3.95	0.02	-3.96
17,166.00	91.50	353.27	12,007.92	4,794.43	-987.35	4,871.93	3.89	-3.08	-2.38
17,212.00	89.65	352.76	12,007.46	4,840.09	-992.94	4,917.92	4.17	-4.02	-1.11
17,307.00	86.26	351.70	12,010.85	4,934.14	-1,005.77	5,012.80	3.74	-3.57	-1.12
17,401.00	88.11	353.12	12,015.47	5,027.20	-1,018.17	5,106.65	2.48	1.97	1.51
17,495.00	87.86	353.18	12,018.77	5,120.47	-1,029.38	5,200.58	0.27	-0.27	0.06
17,590.00	89.01	353.45	12,021.37	5,214.78	-1,040.43	5,295.54	1.24	1.21	0.28
17,685.00	88.17	354.71	12,023.71	5,309.25	-1,050.23	5,390.50	1.59	-0.88	1.33
17,779.00	88.73	354.83	12,026.25	5,402.82	-1,058.79	5,484.46	0.61	0.60	0.13
17,873.00	88.31	354.85	12,028.68	5,496.41	-1,067.24	5,578.42	0.45	-0.45	0.02
17,968.00	88.67	356.04	12,031.18	5,591.07	-1,074.78	5,673.35	1.31	0.38	1.25
18,062.00	89.79	356.70	12,032.44	5,684.87	-1,080.74	5,767.25	1.38	1.19	0.70
18,157.00	89.21	357.67	12,033.27	5,779.75	-1,085.40	5,862.10	1.19	-0.61	1.02
18,251.00	87.50	1.95	12,035.97	5,873.69	-1,085.71	5,955.54	4.90	-1.82	4.55
18,346.00	88.67	6.08	12,039.15	5,968.38	-1,079.07	6,049.00	4.52	1.23	4.35
18,441.00	89.40	5.71	12,040.75	6,062.87	-1,069.31	6,141.92	0.86	0.77	-0.39
18,535.00	88.70	2.35	12,042.31	6,156.61	-1,062.71	6,234.44	3.65	-0.74	-3.57
18,630.00	88.84	1.21	12,044.35	6,251.54	-1,059.76	6,328.52	1.21	0.15	-1.20
18,725.00	89.12	359.46	12,046.04	6,346.52	-1,059.20	6,422.91	1.87	0.29	-1.84
18,819.00	88.73	358.64	12,047.80	6,440.49	-1,060.76	6,516.52	0.97	-0.41	-0.87
18,914.00	88.76	357.79	12,049.88	6,535.42	-1,063.72	6,611.23	0.90	0.03	-0.89
19,009.00	88.87	356.91	12,051.85	6,630.29	-1,068.11	6,706.04	0.93	0.12	-0.93
19,103.00	88.79	355.87	12,053.77	6,724.09	-1,074.03	6,799.94	1.11	-0.09	-1.11
19,197.00	89.57	353.49	12,055.11	6,817.66	-1,082.74	6,893.91	2.66	0.83	-2.53
19,243.00	90.02	352.84	12,055.28	6,863.34	-1,088.21	6,939.91	1.72	0.98	-1.41
19,292.00	88.65	349.16	12,055.84	6,911.72	-1,095.88	6,988.83	8.01	-2.80	-7.51
19,368.00	88.76	346.05	12,057.56	6,985.92	-1,112.19	7,064.34	4.09	0.14	-4.09
19,385.00	89.08	345.71	12,057.88	7,002.40	-1,116.33	7,081.17	2.75	1.88	-2.00
19,479.00	89.76	348.00	12,058.83	7,093.93	-1,137.71	7,174.44	2.54	0.72	2.44
19,574.00	88.98	351.46	12,059.88	7,187.39	-1,154.64	7,269.16	3.73	-0.82	3.64
19,669.00	87.93	354.38	12,062.44	7,281.62	-1,166.34	7,364.10	3.27	-1.11	3.07
19,763.00	87.74	356.60	12,065.99	7,375.25	-1,173.73	7,457.99	2.37	-0.20	2.36
19,858.00	88.00	359.09	12,069.52	7,470.11	-1,177.30	7,552.70	2.63	0.27	2.62
19,952.00	86.59	0.70	12,073.96	7,564.00	-1,177.47	7,646.08	2.28	-1.50	1.71
20,047.00	86.61	2.60	12,079.59	7,658.79	-1,174.74	7,740.05	2.00	0.02	2.00
20,142.00	87.74	5.49	12,084.28	7,753.43	-1,168.05	7,833.45	3.26	1.19	3.04
20,236.00	89.64	7.66	12,086.43	7,846.78	-1,157.29	7,925.14	3.07	2.02	2.31
20,331.00	92.38	9.36	12,084.75	7,940.70	-1,143.23	8,017.05	3.39	2.88	1.79
20,426.00	92.73	10.46	12,080.52	8,034.19	-1,126.90	8,108.29	1.21	0.37	1.16
20,521.00	92.22	10.65	12,076.42	8,127.50	-1,109.52	8,199.24	0.57	-0.54	0.20
20,615.00	93.12	8.07	12,072.04	8,220.13	-1,094.24	8,289.74	2.90	0.96	-2.74



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 312H
Project:	Lea County, NM (NAD83-NME)	TVD Reference:	RKB @ 3658.00usft (H&P 479)
Site:	SF 18_7 SC	MD Reference:	RKB @ 3658.00usft (H&P 479)
Well:	Senile Felines 18_7 State Com 312H	North Reference:	Grid
Wellbore:	OH / 69924	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)
20,710.00	92.99	6.12	12,066.97	8,314.27	-1,082.53	8,382.11	2.05	-0.14	-2.05
20,805.00	92.79	3.17	12,062.18	8,408.83	-1,074.85	8,475.33	3.11	-0.21	-3.11
20,899.00	91.73	0.24	12,058.47	8,502.70	-1,072.05	8,568.38	3.31	-1.13	-3.12
20,994.00	91.57	0.82	12,055.74	8,597.65	-1,071.17	8,662.71	0.63	-0.17	0.61
21,088.00	91.44	1.01	12,053.27	8,691.61	-1,069.67	8,755.98	0.24	-0.14	0.20
21,183.00	92.13	0.50	12,050.31	8,786.56	-1,068.42	8,850.26	0.90	0.73	-0.54
21,277.00	90.87	359.31	12,047.85	8,880.52	-1,068.58	8,943.72	1.84	-1.34	-1.27
21,371.00	91.90	359.64	12,045.58	8,974.49	-1,069.44	9,037.25	1.15	1.10	0.35
21,466.00	91.87	359.97	12,042.45	9,069.43	-1,069.76	9,131.70	0.35	-0.03	0.35
21,560.00	89.61	358.21	12,041.24	9,163.40	-1,071.26	9,225.30	3.05	-2.40	-1.87
21,655.00	89.93	358.48	12,041.62	9,258.36	-1,074.00	9,320.02	0.44	0.34	0.28
21,749.00	89.15	357.69	12,042.37	9,352.31	-1,077.14	9,413.77	1.18	-0.83	-0.84
21,844.00	89.05	358.10	12,043.87	9,447.23	-1,080.63	9,508.53	0.44	-0.11	0.43
21,938.00	89.32	359.31	12,045.20	9,541.20	-1,082.75	9,602.19	1.32	0.29	1.29
22,033.00	90.18	358.87	12,045.62	9,636.18	-1,084.26	9,696.81	1.02	0.91	-0.46
22,128.00	89.39	359.44	12,045.98	9,731.17	-1,085.66	9,791.41	1.03	-0.83	0.60
22,222.00	89.49	358.35	12,046.89	9,825.15	-1,087.48	9,885.05	1.16	0.11	-1.16
22,289.00	89.39	357.49	12,047.55	9,892.10	-1,089.91	9,951.89	1.29	-0.15	-1.28
Final Phoenix MWD Survey									
22,299.64	89.39	357.49	12,047.66	9,902.73	-1,090.37	9,962.50	0.00	0.00	0.00
LTP: 22299.64' MD, 89.39° Inc, 357.49° Azm									
22,350.00	89.39	357.49	12,048.20	9,953.04	-1,092.58	10,012.77	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)	
915.82	915.79	3.25	-0.25	Tie In
1,053.00	1,052.94	4.95	-2.43	First Phoenix MWD Survey
11,763.33	11,654.20	-455.17	-868.77	FTP: 11763.33' MD, 33.11° Inc, 309.85° Azm
22,289.00	12,047.55	9,892.10	-1,089.91	Final Phoenix MWD Survey
22,299.64	12,047.66	9,902.73	-1,090.37	LTP: 22299.64' MD, 89.39° Inc, 357.49° Azm
22,350.00	12,048.20	9,953.04	-1,092.58	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 148748

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 148748
	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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 148748

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 148748
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 1/7/2023.	12/7/2022