

Submit a Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-52114
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SENILE FELINES 18-7 STATE COM
8. Well Number #002H
9. OGRID Number 16696
10. Pool name or Wildcat RED TANK; BONE SPRING, EAST

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator OXY USA INC	
3. Address of Operator 5 GREENWAY PLAZA, SUITE 110, HOUSTON, TX 77210	
4. Well Location Unit Letter <u>O</u> : <u>550</u> feet from the <u>SOUTH</u> line and <u>1468</u> feet from the <u>EAST</u> line Section <u>18</u> Township <u>22S</u> Range <u>33E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3631' GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA INC. respectfully request approval to amend the subject well AAPD to change the SHL. See the attached updated C-102 well plat for reference.

OLD SHL: 550' FSL 1468' FEL O-18-22S-33E
 NEW SHL: 340' FSL 1470' FEL O-18-22S-33E

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Leslie T. Reeves TITLE REGULATORY MANGER DATE 12/18/2024

Type or print name LESLIE REEVES E-mail address: LESLIE_REEVES@oxy.com PHONE: 713-497-2492
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals, & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 PAGE 1 OF 2
		Submittal Type: ☒ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-025-52114	Pool Code 51687	Pool Name RED TANK; BONE SPRING, EAST
Property Code 330703	Property Name SENILE FELINES 18_7 STATE COM	Well Number 2H
OGRID No. 16696	Operator Name OXY USA INC.	Ground Level Elevation 3630'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
O	18	22S	33E		340' FSL	1470' FEL	32.38552873	-103.60782889	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
C	07	22S	33E		20' FNL	2193' FWL	32.41356965	-103.61271495	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API 30-025-52118	Overlapping Spacing Unit (Y/N) Y	Consolidation Code
Order Numbers:			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
O	18	22S	33E		50' FSL	2100' FEL	32.38473537	-103.60986872	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
O	18	22S	33E		100' FSL	2100' FEL	32.38487281	-103.60986898	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
C	07	22S	33E		100' FNL	2200' FWL	32.41334973	-103.61269217	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type: ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3630'
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Leslie T. Reeves
Signature Date **12/18/2024**

LESLIE REEVES
Printed Name

LESLIE_REEVES@oxy.com
Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

Certificate Number

29049

Date of Survey

DECEMBER 5, 2024

BHL (NAD83)
X:763714.61' / Y:514937.51'
LAT:32.41356965 / LON:-103.61271495

BHL (NAD27)
X:722532.30' / Y:514876.74'
LAT:32.41344650 / LON:-103.61222861

LTP (NAD83)
X:763722.18' / Y:514857.55'
LAT:32.41334973 / LON:-103.61269217

LTP (NAD27)
X:722539.87' / Y:514796.78'
LAT:32.41322658 / LON:-103.61220583

FTP (NAD83)
X:764663.51' / Y:504503.43'
LAT:32.38487281 / LON:-103.60986898

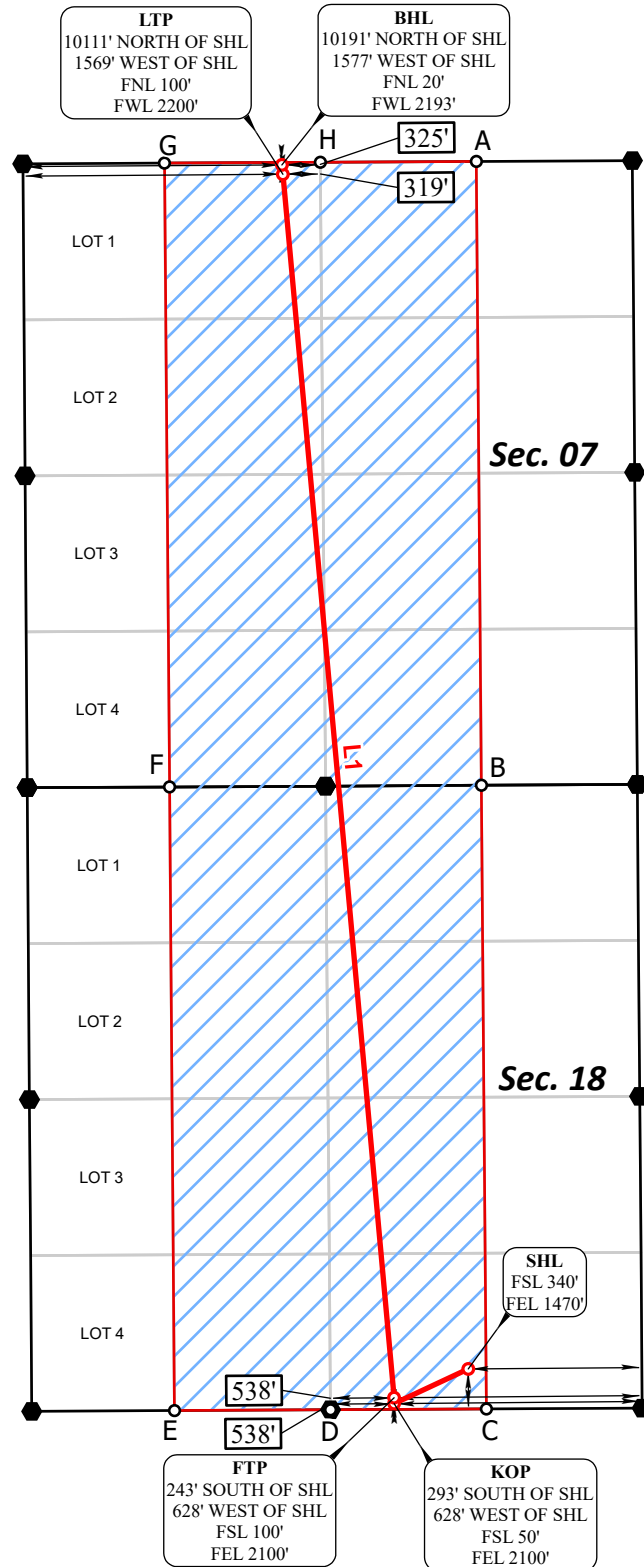
FTP (NAD27)
X:723480.93' / Y:504442.95'
LAT:32.38474956 / LON:-103.60938371

KOP (NAD83)
X:764663.93' / Y:504453.43'
LAT:32.38473537 / LON:-103.60986872

KOP (NAD27)
X:723481.35' / Y:504392.96'
LAT:32.38461212 / LON:-103.60938345

SHL (NAD83)
X:765291.66' / Y:504746.32'
LAT:32.38552873 / LON:-103.60782889

SHL (NAD27)
X:724109.08' / Y:504685.84'
LAT:32.38540547 / LON:-103.60734366



CORNER COORDINATES NAD 83, SPCS NM EAST	CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 765360.26' / Y:514966.39'	A - X: 724177.94' / Y:514905.61'
B - X: 765403.25' / Y:509686.47'	B - X: 724220.80' / Y:509625.85'
C - X: 765445.16' / Y:504407.46'	C - X: 724262.58' / Y:504346.98'
D - X: 764125.98' / Y:504400.66'	D - X: 722943.40' / Y:504340.19'
E - X: 762805.48' / Y:504393.45'	E - X: 721622.91' / Y:504332.98'
F - X: 762763.38' / Y:509672.28'	F - X: 721580.94' / Y:509611.66'
G - X: 762720.00' / Y:514952.15'	G - X: 721537.70' / Y:514891.38'
H - X: 764039.94' / Y:514959.26'	H - X: 722857.63' / Y:514898.49'

*FTP TO LTP LINE BEARINGS

LINE	BEARING
L1	N 05°11'41" W ~ 10396.82'



○ Drill Line Events ● Section Corners — Drill Line — Dimension Lines — Federal Leases — HSU ○ HSU Corners

All bearings and coordinates refer to New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet.

JOB No. R4083_001_14181
REV 4 NDS 12/5/2024

Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99978560 and a Convergence Angle: 0.37421700°

OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)

Senile Felines 18_7

Senile Felines 18_7 State Com 2H

Wellbore #1

Plan: Permitting Plan

Standard Planning Report

06 December, 2024

OXY
Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Project	PRD NM DIRECTIONAL PLANS (NAD 1983)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Senile Felines 18_7		
Site Position:		Northing:	504,962.34 usft
From:	Map	Easting:	763,528.05 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	32.386155
		Longitude:	-103.613537

Well	Senile Felines 18_7 State Com 2H		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	2.00 ft	Wellhead Elevation:	ft
Grid Convergence:	0.39 °		
		Latitude:	32.385529
		Longitude:	-103.607829
		Ground Level:	3,630.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	9/27/2023	6.25	59.98	47,592.90000000

Design	Permitting Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	351.20

Plan Survey Tool Program	Date	12/6/2024		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	20,275.82	Permitting Plan (Wellbore #1)	B005Mc_MWD+HRGM+SA
				MWD+HRGM+Sag+MSA

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,420.00	0.00	0.00	5,420.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,419.69	10.00	241.11	6,414.62	-42.03	-76.16	1.00	1.00	0.00	241.11	
9,373.82	10.00	241.11	9,323.91	-289.81	-525.15	0.00	0.00	0.00	0.00	
10,313.82	90.00	354.80	9,929.00	270.55	-674.22	10.00	8.51	12.09	113.37	
20,275.82	90.00	354.80	9,929.00	10,191.55	-1,577.11	0.00	0.00	0.00	0.00	PBHL (Senile)

OXY
Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,420.00	0.00	0.00	5,420.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.80	241.11	5,500.00	-0.27	-0.49	-0.19	1.00	1.00	0.00
5,600.00	1.80	241.11	5,599.97	-1.37	-2.48	-0.97	1.00	1.00	0.00
5,700.00	2.80	241.11	5,699.89	-3.30	-5.99	-2.35	1.00	1.00	0.00
5,800.00	3.80	241.11	5,799.72	-6.09	-11.03	-4.33	1.00	1.00	0.00
5,900.00	4.80	241.11	5,899.44	-9.71	-17.59	-6.90	1.00	1.00	0.00
6,000.00	5.80	241.11	5,999.01	-14.17	-25.68	-10.08	1.00	1.00	0.00
6,100.00	6.80	241.11	6,098.40	-19.47	-35.29	-13.85	1.00	1.00	0.00
6,200.00	7.80	241.11	6,197.59	-25.61	-46.41	-18.21	1.00	1.00	0.00
6,300.00	8.80	241.11	6,296.54	-32.59	-59.05	-23.17	1.00	1.00	0.00
6,400.00	9.80	241.11	6,395.23	-40.40	-73.20	-28.73	1.00	1.00	0.00
6,419.69	10.00	241.11	6,414.62	-42.03	-76.16	-29.89	1.00	1.00	0.00
6,500.00	10.00	241.11	6,493.72	-48.77	-88.37	-34.68	0.00	0.00	0.00
6,600.00	10.00	241.11	6,592.20	-57.15	-103.57	-40.64	0.00	0.00	0.00
6,700.00	10.00	241.11	6,690.68	-65.54	-118.77	-46.61	0.00	0.00	0.00
6,800.00	10.00	241.11	6,789.16	-73.93	-133.97	-52.57	0.00	0.00	0.00
6,900.00	10.00	241.11	6,887.64	-82.32	-149.16	-58.54	0.00	0.00	0.00
7,000.00	10.00	241.11	6,986.12	-90.70	-164.36	-64.50	0.00	0.00	0.00
7,100.00	10.00	241.11	7,084.61	-99.09	-179.56	-70.47	0.00	0.00	0.00
7,200.00	10.00	241.11	7,183.09	-107.48	-194.76	-76.43	0.00	0.00	0.00
7,300.00	10.00	241.11	7,281.57	-115.87	-209.96	-82.40	0.00	0.00	0.00
7,400.00	10.00	241.11	7,380.05	-124.25	-225.16	-88.36	0.00	0.00	0.00
7,500.00	10.00	241.11	7,478.53	-132.64	-240.36	-94.32	0.00	0.00	0.00
7,600.00	10.00	241.11	7,577.02	-141.03	-255.56	-100.29	0.00	0.00	0.00
7,700.00	10.00	241.11	7,675.50	-149.42	-270.75	-106.25	0.00	0.00	0.00
7,800.00	10.00	241.11	7,773.98	-157.80	-285.95	-112.22	0.00	0.00	0.00
7,900.00	10.00	241.11	7,872.46	-166.19	-301.15	-118.18	0.00	0.00	0.00
8,000.00	10.00	241.11	7,970.94	-174.58	-316.35	-124.15	0.00	0.00	0.00
8,100.00	10.00	241.11	8,069.42	-182.97	-331.55	-130.11	0.00	0.00	0.00
8,200.00	10.00	241.11	8,167.91	-191.35	-346.75	-136.08	0.00	0.00	0.00
8,300.00	10.00	241.11	8,266.39	-199.74	-361.95	-142.04	0.00	0.00	0.00
8,400.00	10.00	241.11	8,364.87	-208.13	-377.15	-148.00	0.00	0.00	0.00
8,500.00	10.00	241.11	8,463.35	-216.52	-392.34	-153.97	0.00	0.00	0.00
8,600.00	10.00	241.11	8,561.83	-224.90	-407.54	-159.93	0.00	0.00	0.00
8,700.00	10.00	241.11	8,660.31	-233.29	-422.74	-165.90	0.00	0.00	0.00
8,800.00	10.00	241.11	8,758.80	-241.68	-437.94	-171.86	0.00	0.00	0.00
8,900.00	10.00	241.11	8,857.28	-250.07	-453.14	-177.83	0.00	0.00	0.00
9,000.00	10.00	241.11	8,955.76	-258.45	-468.34	-183.79	0.00	0.00	0.00
9,100.00	10.00	241.11	9,054.24	-266.84	-483.54	-189.76	0.00	0.00	0.00
9,200.00	10.00	241.11	9,152.72	-275.23	-498.73	-195.72	0.00	0.00	0.00
9,300.00	10.00	241.11	9,251.20	-283.61	-513.93	-201.68	0.00	0.00	0.00
9,373.82	10.00	241.11	9,323.91	-289.81	-525.15	-206.09	0.00	0.00	0.00
9,400.00	9.27	256.19	9,349.72	-291.41	-529.19	-207.05	10.00	-2.77	57.62
9,500.00	12.56	308.36	9,448.12	-286.57	-545.58	-199.77	10.00	3.29	52.17
9,600.00	20.68	329.48	9,543.94	-264.56	-563.12	-175.33	10.00	8.12	21.12
9,700.00	29.93	338.52	9,634.28	-226.03	-581.26	-134.48	10.00	9.25	9.03
9,800.00	39.53	343.52	9,716.39	-172.16	-599.47	-78.46	10.00	9.59	5.00
9,900.00	49.26	346.81	9,787.77	-104.59	-617.19	-8.98	10.00	9.73	3.29
10,000.00	59.06	349.25	9,846.25	-25.38	-633.88	71.86	10.00	9.80	2.44
10,100.00	68.90	351.23	9,890.07	63.09	-649.03	161.60	10.00	9.84	1.98
10,200.00	78.77	352.96	9,917.88	158.10	-662.19	257.51	10.00	9.86	1.73
10,300.00	88.64	354.58	9,928.84	256.79	-672.95	356.68	10.00	9.87	1.62
10,313.82	90.00	354.80	9,929.00	270.55	-674.22	370.48	10.00	9.87	1.59
10,400.00	90.00	354.80	9,929.00	356.37	-682.03	456.48	0.00	0.00	0.00
10,500.00	90.00	354.80	9,929.00	455.96	-691.10	556.29	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,600.00	90.00	354.80	9,929.00	555.55	-700.16	656.09	0.00	0.00	0.00
10,700.00	90.00	354.80	9,929.00	655.14	-709.22	755.89	0.00	0.00	0.00
10,800.00	90.00	354.80	9,929.00	754.73	-718.29	855.69	0.00	0.00	0.00
10,900.00	90.00	354.80	9,929.00	854.32	-727.35	955.50	0.00	0.00	0.00
11,000.00	90.00	354.80	9,929.00	953.90	-736.41	1,055.30	0.00	0.00	0.00
11,100.00	90.00	354.80	9,929.00	1,053.49	-745.48	1,155.10	0.00	0.00	0.00
11,200.00	90.00	354.80	9,929.00	1,153.08	-754.54	1,254.91	0.00	0.00	0.00
11,300.00	90.00	354.80	9,929.00	1,252.67	-763.60	1,354.71	0.00	0.00	0.00
11,400.00	90.00	354.80	9,929.00	1,352.26	-772.67	1,454.51	0.00	0.00	0.00
11,500.00	90.00	354.80	9,929.00	1,451.85	-781.73	1,554.32	0.00	0.00	0.00
11,600.00	90.00	354.80	9,929.00	1,551.43	-790.79	1,654.12	0.00	0.00	0.00
11,700.00	90.00	354.80	9,929.00	1,651.02	-799.86	1,753.92	0.00	0.00	0.00
11,800.00	90.00	354.80	9,929.00	1,750.61	-808.92	1,853.73	0.00	0.00	0.00
11,900.00	90.00	354.80	9,929.00	1,850.20	-817.98	1,953.53	0.00	0.00	0.00
12,000.00	90.00	354.80	9,929.00	1,949.79	-827.05	2,053.33	0.00	0.00	0.00
12,100.00	90.00	354.80	9,929.00	2,049.38	-836.11	2,153.13	0.00	0.00	0.00
12,200.00	90.00	354.80	9,929.00	2,148.97	-845.17	2,252.94	0.00	0.00	0.00
12,300.00	90.00	354.80	9,929.00	2,248.55	-854.24	2,352.74	0.00	0.00	0.00
12,400.00	90.00	354.80	9,929.00	2,348.14	-863.30	2,452.54	0.00	0.00	0.00
12,500.00	90.00	354.80	9,929.00	2,447.73	-872.36	2,552.35	0.00	0.00	0.00
12,600.00	90.00	354.80	9,929.00	2,547.32	-881.43	2,652.15	0.00	0.00	0.00
12,700.00	90.00	354.80	9,929.00	2,646.91	-890.49	2,751.95	0.00	0.00	0.00
12,800.00	90.00	354.80	9,929.00	2,746.50	-899.55	2,851.76	0.00	0.00	0.00
12,900.00	90.00	354.80	9,929.00	2,846.08	-908.62	2,951.56	0.00	0.00	0.00
13,000.00	90.00	354.80	9,929.00	2,945.67	-917.68	3,051.36	0.00	0.00	0.00
13,100.00	90.00	354.80	9,929.00	3,045.26	-926.74	3,151.16	0.00	0.00	0.00
13,200.00	90.00	354.80	9,929.00	3,144.85	-935.81	3,250.97	0.00	0.00	0.00
13,300.00	90.00	354.80	9,929.00	3,244.44	-944.87	3,350.77	0.00	0.00	0.00
13,400.00	90.00	354.80	9,929.00	3,344.03	-953.93	3,450.57	0.00	0.00	0.00
13,500.00	90.00	354.80	9,929.00	3,443.62	-963.00	3,550.38	0.00	0.00	0.00
13,600.00	90.00	354.80	9,929.00	3,543.20	-972.06	3,650.18	0.00	0.00	0.00
13,700.00	90.00	354.80	9,929.00	3,642.79	-981.12	3,749.98	0.00	0.00	0.00
13,800.00	90.00	354.80	9,929.00	3,742.38	-990.19	3,849.79	0.00	0.00	0.00
13,900.00	90.00	354.80	9,929.00	3,841.97	-999.25	3,949.59	0.00	0.00	0.00
14,000.00	90.00	354.80	9,929.00	3,941.56	-1,008.31	4,049.39	0.00	0.00	0.00
14,100.00	90.00	354.80	9,929.00	4,041.15	-1,017.38	4,149.20	0.00	0.00	0.00
14,200.00	90.00	354.80	9,929.00	4,140.73	-1,026.44	4,249.00	0.00	0.00	0.00
14,300.00	90.00	354.80	9,929.00	4,240.32	-1,035.50	4,348.80	0.00	0.00	0.00
14,400.00	90.00	354.80	9,929.00	4,339.91	-1,044.56	4,448.60	0.00	0.00	0.00
14,500.00	90.00	354.80	9,929.00	4,439.50	-1,053.63	4,548.41	0.00	0.00	0.00
14,600.00	90.00	354.80	9,929.00	4,539.09	-1,062.69	4,648.21	0.00	0.00	0.00
14,700.00	90.00	354.80	9,929.00	4,638.68	-1,071.75	4,748.01	0.00	0.00	0.00
14,800.00	90.00	354.80	9,929.00	4,738.26	-1,080.82	4,847.82	0.00	0.00	0.00
14,900.00	90.00	354.80	9,929.00	4,837.85	-1,089.88	4,947.62	0.00	0.00	0.00
15,000.00	90.00	354.80	9,929.00	4,937.44	-1,098.94	5,047.42	0.00	0.00	0.00
15,100.00	90.00	354.80	9,929.00	5,037.03	-1,108.01	5,147.23	0.00	0.00	0.00
15,200.00	90.00	354.80	9,929.00	5,136.62	-1,117.07	5,247.03	0.00	0.00	0.00
15,300.00	90.00	354.80	9,929.00	5,236.21	-1,126.13	5,346.83	0.00	0.00	0.00
15,400.00	90.00	354.80	9,929.00	5,335.80	-1,135.20	5,446.64	0.00	0.00	0.00
15,500.00	90.00	354.80	9,929.00	5,435.38	-1,144.26	5,546.44	0.00	0.00	0.00
15,600.00	90.00	354.80	9,929.00	5,534.97	-1,153.32	5,646.24	0.00	0.00	0.00
15,700.00	90.00	354.80	9,929.00	5,634.56	-1,162.39	5,746.04	0.00	0.00	0.00
15,800.00	90.00	354.80	9,929.00	5,734.15	-1,171.45	5,845.85	0.00	0.00	0.00
15,900.00	90.00	354.80	9,929.00	5,833.74	-1,180.51	5,945.65	0.00	0.00	0.00
16,000.00	90.00	354.80	9,929.00	5,933.33	-1,189.58	6,045.45	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
16,100.00	90.00	354.80	9,929.00	6,032.91	-1,198.64	6,145.26	0.00	0.00	0.00
16,200.00	90.00	354.80	9,929.00	6,132.50	-1,207.70	6,245.06	0.00	0.00	0.00
16,300.00	90.00	354.80	9,929.00	6,232.09	-1,216.77	6,344.86	0.00	0.00	0.00
16,400.00	90.00	354.80	9,929.00	6,331.68	-1,225.83	6,444.67	0.00	0.00	0.00
16,500.00	90.00	354.80	9,929.00	6,431.27	-1,234.89	6,544.47	0.00	0.00	0.00
16,600.00	90.00	354.80	9,929.00	6,530.86	-1,243.96	6,644.27	0.00	0.00	0.00
16,700.00	90.00	354.80	9,929.00	6,630.45	-1,253.02	6,744.07	0.00	0.00	0.00
16,800.00	90.00	354.80	9,929.00	6,730.03	-1,262.08	6,843.88	0.00	0.00	0.00
16,900.00	90.00	354.80	9,929.00	6,829.62	-1,271.15	6,943.68	0.00	0.00	0.00
17,000.00	90.00	354.80	9,929.00	6,929.21	-1,280.21	7,043.48	0.00	0.00	0.00
17,100.00	90.00	354.80	9,929.00	7,028.80	-1,289.27	7,143.29	0.00	0.00	0.00
17,200.00	90.00	354.80	9,929.00	7,128.39	-1,298.34	7,243.09	0.00	0.00	0.00
17,300.00	90.00	354.80	9,929.00	7,227.98	-1,307.40	7,342.89	0.00	0.00	0.00
17,400.00	90.00	354.80	9,929.00	7,327.56	-1,316.46	7,442.70	0.00	0.00	0.00
17,500.00	90.00	354.80	9,929.00	7,427.15	-1,325.53	7,542.50	0.00	0.00	0.00
17,600.00	90.00	354.80	9,929.00	7,526.74	-1,334.59	7,642.30	0.00	0.00	0.00
17,700.00	90.00	354.80	9,929.00	7,626.33	-1,343.65	7,742.11	0.00	0.00	0.00
17,800.00	90.00	354.80	9,929.00	7,725.92	-1,352.72	7,841.91	0.00	0.00	0.00
17,900.00	90.00	354.80	9,929.00	7,825.51	-1,361.78	7,941.71	0.00	0.00	0.00
18,000.00	90.00	354.80	9,929.00	7,925.09	-1,370.84	8,041.51	0.00	0.00	0.00
18,100.00	90.00	354.80	9,929.00	8,024.68	-1,379.91	8,141.32	0.00	0.00	0.00
18,200.00	90.00	354.80	9,929.00	8,124.27	-1,388.97	8,241.12	0.00	0.00	0.00
18,300.00	90.00	354.80	9,929.00	8,223.86	-1,398.03	8,340.92	0.00	0.00	0.00
18,400.00	90.00	354.80	9,929.00	8,323.45	-1,407.10	8,440.73	0.00	0.00	0.00
18,500.00	90.00	354.80	9,929.00	8,423.04	-1,416.16	8,540.53	0.00	0.00	0.00
18,600.00	90.00	354.80	9,929.00	8,522.63	-1,425.22	8,640.33	0.00	0.00	0.00
18,700.00	90.00	354.80	9,929.00	8,622.21	-1,434.29	8,740.14	0.00	0.00	0.00
18,800.00	90.00	354.80	9,929.00	8,721.80	-1,443.35	8,839.94	0.00	0.00	0.00
18,900.00	90.00	354.80	9,929.00	8,821.39	-1,452.41	8,939.74	0.00	0.00	0.00
19,000.00	90.00	354.80	9,929.00	8,920.98	-1,461.47	9,039.55	0.00	0.00	0.00
19,100.00	90.00	354.80	9,929.00	9,020.57	-1,470.54	9,139.35	0.00	0.00	0.00
19,200.00	90.00	354.80	9,929.00	9,120.16	-1,479.60	9,239.15	0.00	0.00	0.00
19,300.00	90.00	354.80	9,929.00	9,219.74	-1,488.66	9,338.95	0.00	0.00	0.00
19,400.00	90.00	354.80	9,929.00	9,319.33	-1,497.73	9,438.76	0.00	0.00	0.00
19,500.00	90.00	354.80	9,929.00	9,418.92	-1,506.79	9,538.56	0.00	0.00	0.00
19,600.00	90.00	354.80	9,929.00	9,518.51	-1,515.85	9,638.36	0.00	0.00	0.00
19,700.00	90.00	354.80	9,929.00	9,618.10	-1,524.92	9,738.17	0.00	0.00	0.00
19,800.00	90.00	354.80	9,929.00	9,717.69	-1,533.98	9,837.97	0.00	0.00	0.00
19,900.00	90.00	354.80	9,929.00	9,817.28	-1,543.04	9,937.77	0.00	0.00	0.00
20,000.00	90.00	354.80	9,929.00	9,916.86	-1,552.11	10,037.58	0.00	0.00	0.00
20,100.00	90.00	354.80	9,929.00	10,016.45	-1,561.17	10,137.38	0.00	0.00	0.00
20,200.00	90.00	354.80	9,929.00	10,116.04	-1,570.23	10,237.18	0.00	0.00	0.00
20,275.82	90.00	354.80	9,929.00	10,191.55	-1,577.11	10,312.86	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 2H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=25' @ 3655.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=25' @ 3655.00ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
KOP (Senile Felines	0.00	0.00	0.00	-292.90	-627.75	504,453.43	764,663.93	32.384735	-103.609869
- plan misses target center by 692.72ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
FTP (Senile Felines	0.00	0.00	9,929.00	-242.90	-628.17	504,503.43	764,663.51	32.384873	-103.609869
- plan misses target center by 197.98ft at 9900.00ft MD (9787.77 TVD, -104.59 N, -617.19 E)									
- Point									
PBHL (Senile Felines	0.00	0.00	9,929.00	10,191.55	-1,577.11	514,937.51	763,714.61	32.413570	-103.612715
- plan hits target center									
- Point									

Formations					
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(ft)	(ft)			(°)	(°)
885.00	885.00	RUSTLER			
1,547.00	1,547.00	SALADO			
2,780.00	2,780.00	CASTILE			
4,842.00	4,842.00	DELAWARE			
4,920.00	4,920.00	BELL CANYON			
5,894.54	5,894.00	CHERRY CANYON			
7,106.49	7,091.00	BRUSHY CANYON			
8,768.73	8,728.00	BONE SPRING			
9,995.64	9,844.00	BONE SPRING 1ST			

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
5,420.00	5,420.00	0.00	0.00	Build 1°/100'
6,419.69	6,414.63	-42.03	-76.16	Hold 10° Tangent
9,373.82	9,323.90	-289.81	-525.15	KOP, Build 10°/100'
10,313.82	9,929.00	270.55	-674.22	Landing Point
20,275.82	9,929.00	10,191.55	-1,577.11	TD at 20275.82' MD

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 417107

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 417107
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	1/6/2025
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing.	1/6/2025