

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. 30-025-48748
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 330703
7. Lease Name or Unit Agreement Name Senile Felines 18 7 State Com
8. Well Number 24H
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator OXY USA Inc.	
3. Address of Operator P.O. Box 4294, Houston, TX 77210	
4. Well Location Unit Letter <u>O</u> : <u>435</u> feet from the <u>South</u> line and <u>1538</u> feet from the <u>East</u> line Section <u>18</u> Township <u>22S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3633' (GL)	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 requests to amend the subject well APD to update the following documents:

The subject well encountered losses when drilling the 12.25" Intermediate section with H2S to surface. TD was reached on the 12-1/4" intermediate section to 6,540' and planned to set 9-5/8" casing at 6,520' around ~500ft above the top of the brushy. As casing was being run in the hole, tight hole conditions were encountered which was leading us to set casing short at approximately 6,170'. We are proposing to alter the previously approved intermediate cementing plan to allow for a 2-stage bradenhead cement job. Performing the 2-stage job will ensure competent cement to surface and reduce the HES risk of having H2S to surface.

Please see the amended drill plan attached of the original intent vs alternate cement design change.

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 Roni Mathew TITLE Regulatory Advisor DATE 11/22/2022

Type or print name Roni Mathew E-mail address: roni\_mathew@oxy.com PHONE: (713) 215-7827

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

**OXY USA Inc. – Senile Felines 18\_7 State Com 24H –  
Amended Drilling Plan**

**This sundry requests approval of change to the intermediate cementing design from the approved permit.**

API Number	Well Name
30-025-48748	Senile Felines 18_7 State Com 24H

The Senile Felines 18\_7 State Com 24H has encountered losses when drilling the 12.25” Intermediate section with H2S to surface. We have reached TD on the 12-1/4” intermediate section to 6,540’ and planned to set 9-5/8” casing at 6,520’ around ~500ft above the top of the brushy. As we were running casing in the hole, we encountered tight hole conditions which is leading us to set casing short at approximately 6,170’. We are proposing to alter the previously approved intermediate cementing plan to allow for a 2-stage bradenhead cement job. Performing the 2-stage job will ensure that we get competent cement to surface and reduce the HES risk of having H2S to surface.

Please see the breakdown below of the original intent vs alternate cement design change:

**Casing Program**

Section	Hole Size (in)	MD		TVD		Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	17.5	0	944	0	944	13.375	54.5	J-55	BTC
Salt	12.25	0	6588	0	6573	9.625	40	L-80 HC	BTC

**1. Permitted Cementing design**

- Single stage job with cement being circulated to surface and 150% excess planned to ensure competent cement to surface

SINGLE STAGE INTERMEDIATE									
HOLE SIZE	STAGE	SLURRY TYPE	DESCRIPTION	DENSITY (PPG)	YIELD (FT <sup>3</sup> /SK)	VOLUME (BBLs)	RATE (BBL/MIN)	% EXCESS	CALCULATED TOC (FT)
12-1/4"	STAGE 1	SPACER	MUDPUSH EXPRESS	10.5	N/A	80	6	-	-
		LEAD	LW BLEND	11.0	2.737	778	6	150	SURFACE
		TAIL	CONVENTIONAL	13.2	1.65	38	6	25	500' ABOVE ICP
		DISPLACEMENT	BRINE	10.2	N/A	496	6	-	-

**OXY USA Inc. – Senile Felines 18\_7 State Com 24H –  
Amended Drilling Plan**

**2. Alternate proposed Cementing design**


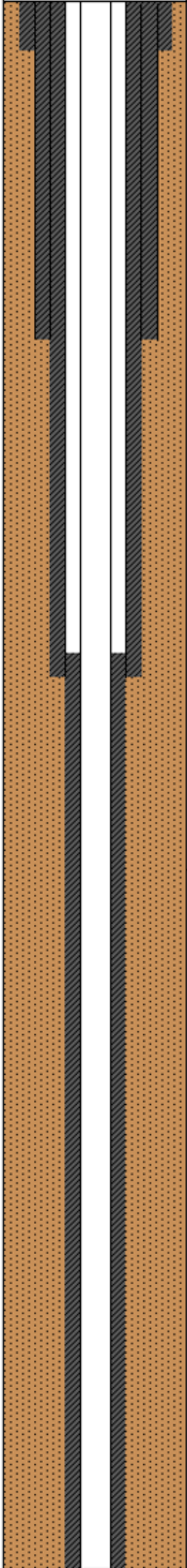
- Change cement design from single stage to 2 stage job

<b>1<sup>ST</sup> STAGE BRADENHEAD INTERMEDIATE W/ SCAVENGER LEAD</b>									
HOLE SIZE	STAGE	SLURRY TYPE	DESCRIPTION	DENSITY (PPG)	YIELD (ft <sup>3</sup> /sk)	VOLUME (BBLs)	RATE (BBL /MIN)	% EXCESS	CALCULATED TOC (FT)
12-1/4"	Stage 1	Spacer	MudPush Express	10.5	n/a	70	6	-	-
		Lead	LW Blend	11	2.737	58	6	0	4,500' (Base of the loss zone)
		Tail	Conventional	13.2	1.65	38	6	0	-
		Displacement	Brine	10.2	n/a	464	6	-	-

<b>2<sup>nd</sup> Stage Bradenhead Intermediate w/ Spacer</b>									
Hole Size	Stage	Slurry Type	Description	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Volume (bbls)	Rate (bbl /min)	% Excess	Calculated TOC (ft)
12-1/4"	Stage 2	Spacer	MudPush Express	10.5	n/a	10	6	-	-
		Lead	LW Blend	11	2.737	518	6	130	Surface
		Lead	Top Outs	11	2.737	200	6	-	Surface

- Perform second stage job with 130% excess hole volume pumped
- We will have 200 bbl. of 11 ppg cement in excess to pump for top outs as needed

# OXY USA Inc. – Senile Felines 18\_7 State Com 24H – Amended Drilling Plan

 <b>SENILE FELINES 18 7 STATE COM 24H</b>					
Well head: 13- 5/8" 35 ADAPT 10 x10	HOLE SIZE	MUD WT. (ppg)	FLUID TYPE	ADDITIONAL INFO	CASING TABLE
	26"			<b>20" Conductor Pre-installed</b>  Surface Casing: 13.375" 54.5# J55 BTC ID/Drift: 12.615" / 12.459" Conn OD: 14.375" Burst: 2730 psi Collapse: 1130 psi Axial: 853body, 909conn <i>Pre-set by Transcend</i>  Cement to Surface	
	17.5"	8.4 - 8.6	Spud Mud	<b>940ft, TD Criteria: Into Rustler/Above Salt</b> Salt Casing: 9.625" 40# L80HC BTC ID/Drift: 8.835" / 8.75" Conn OD: 10.625" Burst: 5750 psi Collapse: 3870 psi Axial: 916body, 947conn	
	12.25"	10.2-10.5	Saturated Brine	<b>6583ft, TD Criteria: 500' above Brushy</b>	
	8.75"	9.0 - 9.6	OBM	<b>10172ft, Production Vertical Section TD Criteria: KOP</b>  Vert. Prod: 5.5" 20# P110ICY Wedge 461 ID/Drift: 4.778" / 4.653" Conn OD: 6.05" Burst: 14360 psi Collapse: 12300 psi Axial: 729body, 729conn  Lat. Prod: 5.5" 20# P110ICY Wedge 461 ID/Drift: 4.778" / 4.653" Conn OD: 6.05" Burst: 14360 psi Collapse: 12300 psi Axial: 729body, 729conn	
	8.5"	9.0 - 9.6	OBM	<b>21039ft, TD Criteria: 2nd Bone Spring</b>	

**District I**

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 160853

## CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 160853
	Action Type: [C-103] NOI Change of Plans (C-103A)

## CONDITIONS

Created By	Condition	Condition Date
pkautz	Must run a CBL on intermediate before proceeding	11/22/2022