

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. 30-025-48750
5. Indicate Type of Lease STATE [checked] FEE []
6. State Oil & Gas Lease No. 330703
7. Lease Name or Unit Agreement Name Senile Felines 18 7 State Com
8. Well Number 26H
9. OGRID Number 16696
10. Pool name or Wildcat Red Tank; Bone Spring, East
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3631' (GL)

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 [checked] Gas Well [] Other []
2. Name of Operator OXY USA Inc.
3. Address of Operator P.O. Box 4294, Houston, TX 77210
4. Well Location Unit Letter O : 435 feet from the South line and 1468 feet from the East line
Section 18 Township 22S Range 33E NMPM County LEA
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:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS [checked]
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
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 requests to amend the subject well APD to update with a change to the intermediate cementing design from the approved permit. 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 12/12/2022

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 26H –
Amended Drilling Plan**

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

API Number	Well Name
30-025-48750	Senile Felines 18_7 State Com 26H

The Senile Felines 18_7 State Com 26H is currently drilling the 8.5” Production lateral section in the second bone spring formation. We are preparing to TD on the 8-1/2” production section. We are proposing an optional contingency for a 2-stage bradenhead cement job in the event the exposed brushy does not allow adequate TOC. Performing the 2-stage job will ensure that we get competent cement with 500ft of overlap inside previous casing shoe set @ 6,603’.

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

Casing Program

Section	Hole Size (in)	MD		TVD		Csg OD (in)	Csg Wt. (ppf)	Grade	Connection
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	17.5	0	982	0	982	13.375	54.5	J-55	BTC
Intermediate	12.25	0	6,603	0	6,585	9.625	40	L-80 HC	BTC
Production	8.75 / 8.5	0	21,040	0	10,715	5.500	20	P-110ICY	W 461

1. Permitted Cementing design

- Single stage job with cement being circulated to surface and 100% excess Lead and 25% excess Tail planned to ensure competent cement to 500ft inside ICP.

Single Stage Production – Long String								
Hole Size	Slurry Type	Description	Density (ppg)	Yield (ft ³ /sk)	Volume (bbls)	Rate (bbl /min)	% Excess	Calculated TOC (ft)
8-3/4" x 8-1/2"	Drop 1250 psi burst Bottom Plug Innovex Part # 635-140-4226-1250-0089							
	Spacer	Mudpush w/ Surfactant	9.5	n/a	273	4	-	-
	Lead	LW Blend	11.9	2.24	347	4	100	500ft inside ICP
	Tail	Conventional	13.2	1.38	504.5	4	25	KOP
	Displacement	Sugar Water	8.4	n/a	5	4		
	Drop Top Plug (Solid) w/ 2 foam balls behind Innovex Part #634-140-4226-0102							
	Displacement	Sugar Water	8.4	n/a	40	4	-	-
Displacement	Brine w/ Biocide and Corr Inhibitor	10.2	n/a	427	4	-	-	

**OXY USA Inc. – Senile Felines 18_7 State Com 26H –
Amended Drilling Plan**

2. Alternate proposed contingency cementing design

- Change cement design from single stage to 2 stage job

Single Stage Production – Long String								
Hole Size	Slurry Type	Description	Density (ppg)	Yield (ft ³ /sk)	Volume (bbls)	Rate (bbl /min)	% Excess	Calculated TOC (ft)
8-3/4" x 8-1/2"	Drop 1250 psi burst Bottom Plug Innovex Part # 635-140-4226-1250-0089							
	Spacer	Mudpush w/ Surfactant	9.5	n/a	273	4	-	-
	Lead	LW Blend	11.9	2.24	347	4	100	500ft inside ICP
	Tail	Conventional	13.2	1.38	504.5	4	25	KOP
	Displacement	Sugar Water	8.4	n/a	5	4		
	Drop Top Plug (Solid) w/ 2 foam balls behind Innovex Part #634-140-4226-0102							
	Displacement	Sugar Water	8.4	n/a	40	4	-	-
	Displacement	Brine w/ Biocide and Corr Inhibitor	10.2	n/a	427	4	-	-

Contingency Bradenhead – Long String								
Hole Size	Slurry Type	Description	Density (ppg)	Yield (ft ³ /sk)	Volume (bbls)	Rate (bbl /min)	% Excess	Calculated TOC (ft)
	Spacer	Mudpush	9.6	n/a	10	4	-	-
	Tail	Class C Neat	14.8	1.33	250	4	-	Top of the Brushy to 4850ft inside ICP
	Displacement	Treated FW	8.3	n/a	81.5	4	-	-

- Perform second stage job with 200bbls of extra cement to allow cement to drop up to 4,350 ft while still maintaining 500ft overlap of ICP

OXY USA Inc. – Senile Felines 18_7 State Com 26H –
Amended Drilling Plan

Wellhead: 13-5/8" 35 ADAPT 10x10	HOLE SIZE	MUD WT. (ppg)	FLUID TYPE	ADDITIONAL INFO
	26"			20" Conductor Pre-installed
	17.5"	8.4 - 8.6	Spud Mud	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
	12.25"	10.2-10.5	Saturated Brine	982ft, TD Criteria: Into Rustler/Above Salt 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
	8.75"	9.0 - 9.6	OBM	10233ft, Production Vertical Section TD Criteria: KOP 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"	9.70	OBM	21080ft, TD Criteria: 2nd Bone Spring

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CONDITIONS

Action 169478

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 169478
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If a bradenhead job is done must run CBL	12/22/2022