

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. 30-025-48745
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 21H
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>N</u> : <u>565</u> feet from the <u>South</u> line and <u>1935</u> feet from the <u>West</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.) 3656' (GL)	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 include a proactive plan for a contingency 2-stage bradenhead job for the 9-5/8" intermediate casing string. Please see attached for additional details regarding the contingency plan.

****NO SHL OR BHL LOCATION 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 12/9/2022

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):

Rig H&P 605 is actively drilling Senile Felines 18_7 State Com 21H 12.25" intermediate section. Due to losses on the last intermediate on pad, we would like to proactively plan a contingency 2-stage bradenhead job for our 9-5/8" intermediate casing string.

Well Name: Senile Felines 18_7 State Com 21H

API: 30-025-48745

Section	Hole Size (in)	Casing OD (in)	Casing ID (in)	Casing Wt. (#/ft)	Casing Grade	Casing Conn	Set Depth
Conductor		20.0	19.50	-	-	WELD	
Surface	17.5	13.375	12.615	54.5	J-55	BTC	925
Intermediate	12.25	9.625	8.835	40	L-80 HC	BTC	6543'
Production	8.75 x 8.5	5.5	4.778	20.0	P-110ICY	W 461	TBD

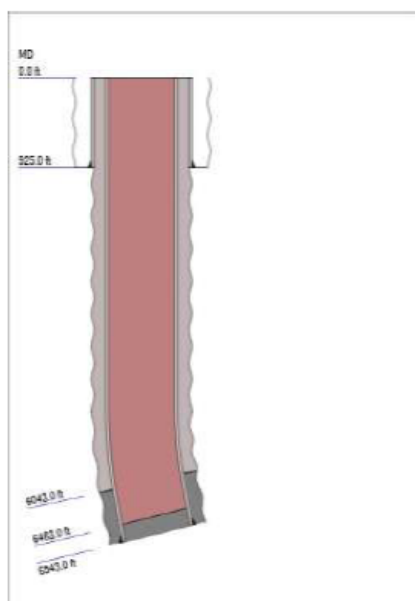
Original permitted cement design:

Single stage intermediate job

Section	Stage	Slurry:	Capacities	ft ³ /ft	Excess:	From	To	Sacks	Volume (ft ³)	Placement
Surface	1	Surface - Tail	OH x Csg	0.6946	100%	925	-	966	1285	Circulate
Int.	1	Intermediate - Tail	OH x Csg	0.3132	20%	6,543	6,043	141	188	Circulate
Int.	1	Intermediate - Lead	OH x Csg	0.3132	50%	6,043	925	1390	2404	Circulate
Int.	1	Intermediate - Lead	Csg x Csg	0.3627	0%	925	-	194	335	Circulate
Prod.	1	Production - Tail	OH x Csg	0.2291	15%	21,343	10,477	2074	2863	Circulate
Prod.	1	Production - Lead	OH x Csg	0.2291	25%	10,477	6,543	503	1126	Circulate
Prod.	1	Production - Lead	Csg x Csg	0.2608	0%	6,543	6,043	58	130	Circulate

Contingency plan:

1. If we are able to maintain returns once 9-5/8" casing is landed, we will pump the primary job as per the volumes included in the table below (note additional excess). If we are unable to get cement to surface, we will swap over to the Bradenhead job after the first stage is complete with an additional 200 bbls of cement on surface for top outs. To mitigate cement setting up and not allowing us to inject, we will run additional retarder on the first 200 bbls of the lead.



Well Data	
Job Type:	Intermediate Casing
Total Depth (Measured):	6,543.0 ft
TVD:	6,525.8 ft
BHST (Tubular Bottom Static Temperature):	128.9 degF
BHCT (Tubular Bottom Circulating Temperature):	107.6 degF
Drilling Fluid:	10.50 lb/gal
	10.20 lb/gal
	8.80 lb/gal

Open Hole					
Excess Type	OH Diameter	MD	Annular Excess	Equiv. OH Diameter	Annular Capacity
Annular	12.250 in	6,043.0 ft	150.0 %	15.369 in	0.139 bbl/ft
Annular	12.250 in	6,543.0 ft	25.0 %	12.823 in	0.070 bbl/ft

Previous Casing					
OD, in	Weight, lbm/ft	Grade	Inner Capacity, bbl/ft	Bottom Depth, ft	Casing Capacity, bbl/ft
13 3/8	54.5	J-55	0.155	925.0	0.15459

Casing					
OD, in	Weight, lbm/ft	Grade	Inner Capacity, bbl/ft	Bottom Depth, ft	Casing Capacity, bbl/ft
9 5/8	40.0	J-55	0.076	6,543.0	0.07583

Annular Capacity (no excess)	
13 3/8 in Previous CSG :: 9 5/8 in CSG:	0.065 bbl/ft

Fluid Placement					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
Brine	0.0	0.0	0.0	0.0	10.20
10.5 MPE	80.0	0.0	0.0	0.0	10.02
11 Lead	873.5	0.0	6,043.0	6,043.0	11.00
13.2 Tail	40.9	6,043.0	500.0	580.0	13.20
Brine	490.1	0.0	0.0	6,463.0	10.20
Total Liquid Volume: 1,484.5 bbl					

*****An additional 200 bbls will be sent out for top outs if needed.**

- If we are not able to maintain returns with casing on bottom, we will proactively plan a 2-stage job as follows:

Fluid Placement - Stage 1					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
Brine	217.2	0.0	3,745.1	3,745.1	10.20
10.5 MPE	70.0	3,745.1	1,254.9	1,254.9	10.02
11 Lead	60.1	5,000.0	1,077.0	1,077.0	11.00
13.2 Tail	40.9	6,077.0	500.0	580.0	13.20
Brine	492.6	0.0	0.0	6,497.0	10.20
Total Liquid Volume: 880.9 bbl					

Fluid Placement - Stage 2 - to be pumped down annulus					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
Brine/Prod Water	100.0	0.0	0.0	0.0	15.00
10.5 MPE	10.0	0.0	0.0	0.0	10.50
11 Lead	517.0	0.0	5,000	5,000	11.00
11 Stg2 Lead Topout	200.0	0.0	0.0	0.0	11.00
Total Liquid Volume: 940.9 bbl					

If we are unable to get cement to surface with the first stage, will plan to run a CBL on this intermediate.

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CONDITIONS

Action 165777

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 165777
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If cement is pumped down the annulus, must run CBL	12/9/2022