

Submit 1 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  
Department of Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

**HOBBS OCD**

**NOV 29 2017**

**RECEIVED**

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

WELL API NO. 30-025-44161
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Red Tank 30-31 StateCom
8. Well Number 244
9. OGRID Number 16696
10. Pool name or Wildcat Red Tank Base Springs 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  
P.O. Box 50250 Midland, TX 79710

4. Well Location  
Unit Letter A : 200 feet from the north line and 270 feet from the east line  
Section 30 Township 22S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3660'

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- CLOSED-LOOP SYSTEM
- OTHER: Amend APD

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- 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 NM For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA Inc. respectfully requests to amend the approved APD.

1. Amend the intermediate casing and cementing program, set @ ~ 6880', due to a water flow with H2S at ~3600', see attached for detail. Received verbal approval from NMOCD-Maxey Brown 11/27/17.
2. Amend production casing and cementing program from liner to complete casing string, see attached for detail.
3. Amend mud program due to new casing program, see attached for detail.

Spud Date:

11/21/17

Rig Release Date:

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

SIGNATURE

David Stewart

TITLE

Sr. Regulatory Advisor

DATE

11/29/17

Type or print name

David Stewart

E-mail address:

david\_stewart@oxy.com

PHONE:

432-685-5717

For State Use Only

APPROVED BY:

David Stewart

TITLE

**Petroleum Engineer**

DATE

11/29/17

Conditions of Approval (if any):

**OXY USA Inc. - Red Tank 30-31 State Com. #24Y – 30-025-44161  
Sundry – Amend APD**

**Casing Program**

Hole Size (in)	Casing Interval		Csg Size (in)	Weight (lbs)	Grade	Conn.	Buoyant Buoyant			
	From (ft)	To (ft)					SF Collapse	SF Burst	Body SF Tension	Joint SF Tension
17.5	0	1087	13.375	54.5	J-55	BTC	1.125	1.2	1.4	1.4
12.25	0	6880	9.625	47	HCL-80	BTC	1.125	1.2	1.4	1.4
8.5	0	20975	5.5	20	P-110	DQX	1.125	1.2	1.4	1.4
SF Values will meet or Exceed										

We will be cutting our intermediate casing point short and changing our 5.5” production liner into a 5.5” production long string to surface.

**Cementing Program**

Casing	# Sk	Wt. (lb/gal)	Yld (ft <sup>3</sup> /sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface	696	14.2	1.68	6.53	6:50	Class C Cement, Accelerator
Intermediate	2015	11	2.806	17.36	N/A	NeoCem Cement (Halliburton)
	370	14.8	1.326	6.34	7:25	Class C Cement
Production	510	10.2	3.077	16.61	N/A	Class C Cement
	1705	13.2	1.643	8.52	16:22	Class H Cement

Casing String	Top of Lead (ft)	Bottom of Lead (ft)	Top of Tail (ft)	Bottom of Tail (ft)	% Excess Lead	% Excess Tail
Surface	N/A	N/A	0	1087	N/A	50%
Intermediate	0	5880	5880	6880	250%	50%
Production	6380	10476	10476	20975	75%	20%

We will be changing the intermediate and production cement jobs to reflect the changes in the casing program.

**Mud Program**

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	1087	Water-Based Mud	8.4-8.6	40-60	N/C
1087	6880	Water-Based Mud	9.0-10.3	38-50	N/C
6880	10476	Water-Based Mud	8.4-8.6	40-60	N/C
10476	20975	Oil-Based Mud	8.8-9.6	35-50	N/C