

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
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-015-40890
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VG-3604-0002
7. Lease Name or Unit Agreement Name Lost Tank 35 StatesWD
8. Well Number 1
9. OGRID Number 16696
10. Pool name or Wildcat SWD; Lost Tank Delaware (96100)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3521.6'

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 SWD

2. Name of Operator
OXY USA Inc.

3. Address of Operator
P.O. Box 50250 Midland, TX 79710

4. Well Location
Unit Letter K : 2630 feet from the South line and 2630 feet from the West line
Section 35 Township 21S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3521.6'

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 ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

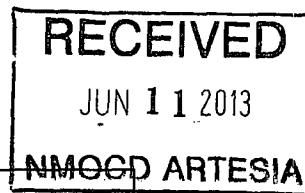
OTHER: Amend APD ☒

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 APD for the Lost Tank 35 State SWD #1, API No. 30-015-40890.

1. Amend the proposed TD to 6320'.
3. See attached for the amended production casing program.
4. See attached for the amended cementing program.



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 David Stewart TITLE Regulatory Advisor DATE 6/10/13

Type or print name David Stewart E-mail address: david_stewart@oxy.com PHONE: 432-685-5717

For State Use Only

APPROVED BY: A Wade TITLE Dist. Supervisor DATE 6/12/13

Conditions of Approval (if any):

Amend APD - 2

Operator Name/Number: **OXY USA Inc.** **16696**
 Lease Name/Number: **Lost Tank 35 State SWD #1** **39587** **State Lease No. VO-3604-0002**
 API Number **30-015-40890**
 Pool Name/Number: **Lost Tank Delaware** **40299**
 Surface Location: **2630 FSL 2630 FWL K Sec 35 T21S R31E**

C-102 Plats: 1/22/13 1/30/13 3/15/13 Elevation: 3521.6' GL

Proposed TD: 6320' TVD

Lat: 32.4349062 Long: 103.7481430 X= 680545.8 Y= 522427.2 NAD - 1927

Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD Csg</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>	<u>Condition</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
14-3/4"	0-825'	11-3/4"	42	ST&C	H-40	New	3.85	1.35	10.17
				Hole filled with 8.4# Mud			1070#	1980#	
10-5/8"	0-4340'	8-5/8"	32	LT&C	J-55	New	1.61	2.14	3.48
				Hole filled with 10.0# Mud			2530#	3930#	
7-7/8"	0-6320'	5-1/2"	17	LT&C	J-55	New	1.68	2.32	2.66
				Hole filled with 8.9# Mud			4910#	5320#	

Collapse and burst loads calculated using Stress Check with anticipated loads

Cement Program:

- a. 11-3/4" Surface Circulate cement to surface w/ 600sx PPC cmt w/ 2% CaCl₂, 14.8ppg 1.35 yield 1346# 24hr CS 150% Excess
- b. 8-5/8" Intermediate Circulate cement to surface w/ 940sx HES light PP cmt w/ 5#/sx Salt + 3#/sx Kol-Seal + .125#/sx Poly-E-Flake, 12.9ppg 1.88 yield 947# 24hr CS 150% Excess followed by 250sx PP cmt w/ 1% CaCl₂, 14.8ppg 1.34 yield 1841# 24hr CS 150% Excess
- c. 5-1/2" Production Cement w/ 510sx HES light PPC cmt w/ 1% salt, 12.8ppg 1.82 yield 432# 24hr (500#-30hr) CS 200% Excess followed by 430sx PPC cmt w/ 0.5% Halad 344 + 0.4% CFR 3 + 5#/sx Microbond + 0.3% Econolite, 14.2ppg 1.55 yield 1546# 24hr CS 100% Excess

Description of Cement Additives: Calcium Chloride, Salt (Accelerator), CFR-3 (Dispersant), Microbond (Expander), Kol-Seal, Poly-E-Flake (Lost Circulation Additive), Halad-344 (Low Fluid Loss Control), Econolite (Light Weight Additive)

Proposed Mud Circulation System:

<u>Depth</u>	<u>Mud Wt. ppg</u>	<u>Visc sec</u>	<u>Fluid Loss</u>	<u>Type System</u>
0 - 825'	8.4-8.8	32-38	NC	Fresh Water/Spud Mud
825 - 4340'	9.8-10.0	28-29	NC	Brine Water
4340 - 6230'	8.4-8.9	26-28	NC	Fresh Water

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times.

BOP Program (1):

Surface None
 Production 11" X 3M two ram stack, 11" X 3M Annular, 3M Choke Manifold

Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

<u>Geological Marker</u>	<u>Depth</u>
a. Rustler	800'
b. Top Salt	855'
c. Bottom Salt	3995'
d. Delaware	4240'
e. Bell Canyon	4315'
f. Cherry Canyon	5140'