

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

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.)		WELL API NO. 30-015-40890
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD</u>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator OXY USA WTP Limited Partnership		6. State Oil & Gas Lease No. V0-3604-0002
3. Address of Operator P.O. Box 50250 Midland, TX 79710		7. Lease Name or Unit Agreement Name Lost Tank 35 State SWD
4. Well Location Unit Letter <u>K</u> <u>2630</u> feet from the <u>South</u> line and <u>2630</u> feet from the <u>West</u> line Section <u>35</u> Township <u>21S</u> Range <u>31E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3521.6' GL</u>		9. OGRID Number 192463
		10. Pool name or Wildcat Lost Tank Delaware

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 ☐

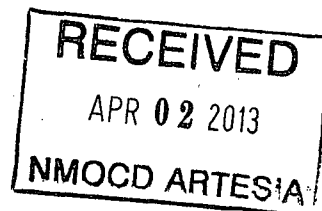
OTHER: Amend APD ☒

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. Move the surface location, see attached for amended C-102 plat.
Proposed - 2630 FSL 2630 FWL - K Sec 35 T21S R31E
Original - 1753 FSL 1875 FEL - J Sec 35 T21S R31E
2. Amend the proposed TD to 5065'.
3. See attached for the amended intermediate/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 3/28/13

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

For State Use Only

APPROVED BY: J. C. Shepard TITLE Geologist DATE 4/3/2013

Conditions of Approval (if any):

SWD order should reflect current well info

District I
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40890	Pool Code 40299	Pool Name Lost Tank Delaware
Property Code 39587	Property Name LOST TANK "35" STATE SWD	Well Number 1
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3521.6'

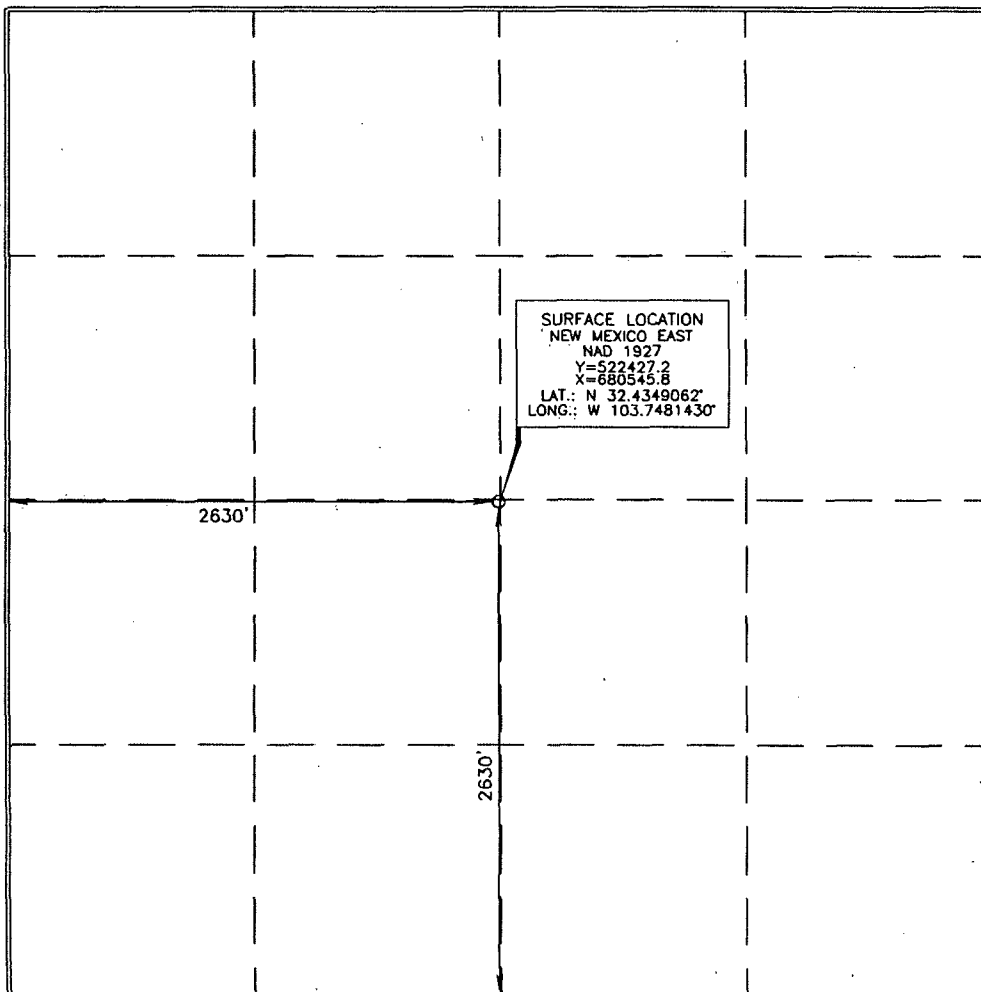
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21 SOUTH	31 EAST, N.M.P.M.		2630'	SOUTH	2630'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 0		Joint or Infill N	Consolidation Code	Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *David Stewart* Date: 3/28/13
Printed Name: David Stewart Reg. Adv.
E-mail Address: david.stewart@oxy.com

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JANUARY 22, 2013
Signature and Seal of Professional Surveyor: *Terry J. Asel*

Certificate Number: 15079

Amend APD

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: 5065' 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"	0-5065'	5-1/2"	17	LT&C	J-55	New	2.09	2.9	3.32
				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/ 690sx PPC cmt w/ 2% CaCl₂, 14.8ppg 1.35 yield 2500# 24hr CS 150% Excess
- b. 8-5/8" Intermediate Circulate cement to surface w/ 970sx HES light PP cmt w/ 5% Salt + 3#/sx Kol-Seal + .125#/sx Poly-E-Flake, 12.9ppg 1.87 yield 650# 24hr CS 150% Excess followed by 200sx PP cmt w/ 1% CaCl₂, 14.8ppg 1.34 yield 1343# 24hr CS 150% Excess
- c. 5-1/2" Production Cement w/ 580sx HES light PPC cmt, 12.7ppg 1.85 yield 560# 24hr CS 200% Excess followed by 250sx PPC cmt w/ 0.5% Halad 344 + 0.4% CFR 3 + 3#/sx Kol Seal + 1#/sx Salt, 14.2ppg 1.29 yield 1817# 24hr CS 35% Excess

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

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 - 5065'	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'

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 159181

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address OXY USA INC PO Box 4294 Houston, TX 77210		2. OGRID Number 16696
		3. API Number 30-015-40890
4. Property Code 39587	5. Property Name LOST TANK 35 STATE SWD	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	35	21S	31E	J	1753	S	1875	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	35	21S	31E	J	1753	S	1875	E	Eddy

9. Pool Information

SWD,DELAWARE	96100
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Additional Well Information

11. Well Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3534
16. Multiple N	17. Proposed Depth 4815	18. Formation Delaware	19. Contractor	20. Spud Date 1/1/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	825	680	0
Int1	10.625	8.625	32	4100	980	0
Prod	7.875	5.5	17	4815	710	0

Casing/Cement Program: Additional Comments

Additional Information will be sent with the C-144,CLEZ.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 12/12/2012	Expiration Date: 12/12/2014
	Conditions of Approval Attached	

Printed Name: Electronically filed by KAREN M SINARD	Title: District Supervisor
Email Address: karen_sinard@oxy.com	Approved Date: 12/12/2012
Date: 12/11/2012	Phone: 713-366-5485