

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

OXY USA Inc.

16696

## 3a. Address

P.O. Box 50250, Midland, TX 79710-0250

## 3b. Phone No. (include area code)

432-685-5717

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2490 FWL SOFEL SENE(14) Sec 4 T22S R31E

## 5. Lease Serial No.

NMNM0417696

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or

## 8. Well Name and No.

Lost Tank 4 Federal #8

## 9. API Well No.

30-015-37123

## 10. Field and Pool, or Exploratory Area

Lost Tank Delaware, West

## 11. County or Parish, State

Eddy NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☒ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Amend

Intermediate/Prod

Casing &amp; Cementing

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

RECEIVED

NOV 09 2010

NMOCD ARTESIA

See attached.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

APPROVED

NOV - 5, 2010

Rogin D. Hall

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David Stewart

## Title

Sr. Regulatory Analyst

## Date

10/26/10

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

## Title

## Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

## Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**OXY USA Inc**  
**Lost Tank 4 Federal #8**

API No. 30-015-37923

STATE: NM

COUNTY: Eddy

SURFACE LOCATION: 2490 FNL 500 FEL SENE(H) Sec 4 T22S R31E

LAT: 32.4208463° LONG: 103.7754012° X: 672162.5 Y: 517267.4 NAD: 27

**1. CEMENT PROGRAM (Changes from Original APD):**

**Intermediate Interval**

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft <sup>3</sup> /sk	24 Hr Comp
<b>Intermediate (TOC: 0' -4000')</b>							
<b>Lead:</b> 0' - 3516 (150 % Excess)	880	3516	Light Premium Plus Cement, with 5% Salt, 5 lb/sk Gilsonite, & 0.125 lb/sk Poly-E-Flake, 1% Halad-344, 2% Calcium Chloride	9.63	12.9	1.91	851 psi
<b>Tail:</b> 3516' -4000' (150 % Excess)	200	484'	Premium Plus cement with 1% WellLife 734	6.38	14.80	1.34	1343 psi

**Production Interval**

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft <sup>3</sup> /sk	24 Hr Comp
<b>Production (TOC: 5900') 1<sup>st</sup> Stage</b>							
<b>Lead:</b> 5900' - 8118' (100 % Excess)	490	2218'	Super H Cement with 0.5% Halad-344 (Low Fluid Loss Control), 0.4% CFR-3 (Dispersant), 5 lb/sk Gilsonite, 1 lb/sk Salt, 0.3% HR-800 (Retarder), 0.125 lb/sk Poly-E-Flake (lost circulation additive)	7.87	13.20	1.62	1817 psi
<b>DV Tool @ 5900</b>							
<b>Production (TOC: 4050') 2<sup>nd</sup> Stage</b>							
<b>Lead:</b> 4050' - 5900' (200% Excess)	620	1850'	Super H Cement with 0.5% Halad-344 (Low Fluid Loss Control), 0.125 lb/sk Poly-E-Flake (Lost Circulation Additive), 5 lb/sk Gilsonite (lost circulation additive), 0.4% CFR-3 (dispersant), 1 lb/sk Salt	7.86	13.20	1.61	1536 psi
<b>Pack-Off Stage Tool @ 4050'</b>							
<b>Production (TOC: Surface) 3<sup>rd</sup> Stage</b>							
<b>Lead:</b> 0' - 3273' (35 % Excess)	380	3273'	Light Premium Plus with 3 lb/sk Salt	11.67	12.4	2.08	560 psi
<b>Tail:</b> 3273' - 4050' 35 % Excess of annular Volume)	150	777'	Premium Plus with 5 lb/sk Gilsonite (Low Fluid Loss Control), 0.125 lb/sk Poly-E-Flake (Lost circulation additive)	5.81	14.80	1.33	1750 psi

**Casing**

8-5/8" 32# J55 LTC  
5-1/2" 17# J-55, LTC

**Hole Size**

10-5/8  
7-7/8"

DVT @ 5900'

**Interval**

0-4000'  
0-8118'

POST @ 4050'

**TOC**

Surface  
Surface

**PECOS DISTRICT  
CONDITIONS OF APPROVAL**

<b>OPERATOR'S NAME:</b>	<b>OXY USA Inc.</b>
<b>LEASE NO.:</b>	<b>NMNM0417696 (API # 3001537923)</b>
<b>WELL NAME &amp; NO.:</b>	<b>Lost Tank 4 Federal #8</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>2490' FNL &amp; 500' FEL</b>
<b>BOTTOM HOLE FOOTAGE</b>	<b>Same</b>
<b>LOCATION:</b>	<b>Section 04, T. 22 S., R 31 E., NMPM</b>
<b>COUNTY:</b>	<b>Eddy County, New Mexico</b>

**B. CASING**

1. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:  
**The intermediate should be set at approximately 4000 feet in the Fletcher Anhydrite or Lamar Limestone within 100 to 600 feet below the base of the salt.**

☒ Cement to surface. If cement does not circulate see B.1.a, c-d above.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to potash concerns.**

**The DV tool should be placed a minimum of 50 feet below the intermediate casing shoe.**

2. The minimum required fill of cement behind the 5-1/2 inch production casing is:  
**THE MAXIMUM DEPTH OF PENETRATION INTO THE BONE SPRING FORMATION CANNOT EXCEED 100 FEET (8118 feet TVD).**

a. First stage to DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with third stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

c. Third stage above DV tool, cement shall:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

**RGH 110510**