

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM99017
2. Name of Operator OXY USA INCORPORATED		6. If Indian, Allottee or Tribe Name
Contact: JENNIFER A DUARTE E-Mail: JENNIFER_DUARTE@OXY.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 5 GREENWAY PLAZA STE 110 HOUSTON, TX 77046-0521	3b. Phone No. (include area code) Ph: 713-513-6640	8. Well Name and No. OSAGE 18 FEE A COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T20S R25E SWSE 330FSL 1800FEL		9. API Well No. 30-015-40759-00-X1
		10. Field and Pool, or Exploratory N SEVEN RIVERS-GLOR-YESO
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleate 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 days following completion of the involved operations. If the operation results in a multiple completion or recompleation 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 site is ready for final inspection.)

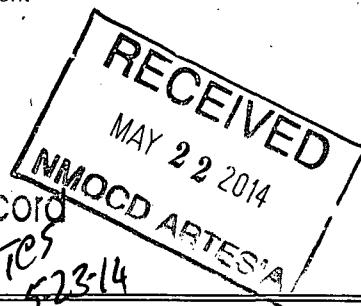
AS VERBALLY APPROVED ON MARCH 20, 2014.

Oxy respectfully requests permission on the Osage 18 Fee A Com #1H to modify our production cement job to ensure that we have cement to surface. We are currently experiencing minor losses at 839? and would like to run a DV tool and external casing packer. The DV tool will be placed in our 5-1/2? 17# L-80 BTC production string just above the ACP at 790?.

We then request permission to modify our cement procedure to the following:

Pump our first stage cement per our COA:

Interval Amount sx Ft of Fill Type Gal/Sk PPG Ft3/sk 24 Hr Comp  
Production (TOC: 07-6968?) Single Stage

Accepted for record  
NMOCD. TC5  
523/4

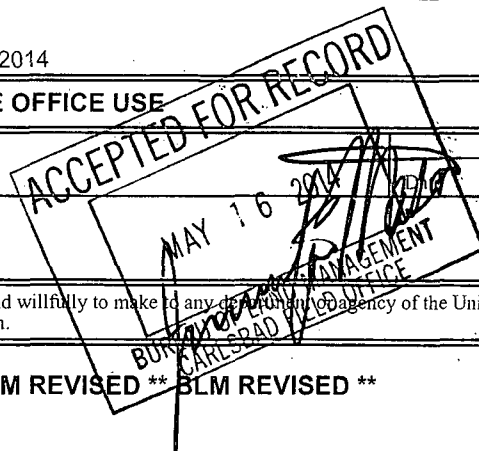
14. I hereby certify that the foregoing is true and correct. Electronic Submission #240426 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by ANGEL MAYES on 05/06/2014 (14AXM0097SE)	
Name (Printed/Typed) JENNIFER A DUARTE	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 03/28/2014

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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, make 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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



**Additional data for EC transaction #240426 that would not fit on the form**

**32. Additional remarks, continued**

Lead:

0? ? 1883?

(180% Excess) 290 1883? Interfill C Cement: 0.5% LAP-1 (Low fluid loss control), 0.25% D-AIR 5000 (Defoamer), 2 lbm/sk Kol-Seal (Lost Circulation Additive), 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive) 13.79 11.90 2.45 315 psi

Tail:

1883? ? 6968?

(30% Excess) 750 5085? Premium Plus Cement:

94 lbm/sk Premium Plus Cement

0.5% Halad ?-344, 0.2% WellLife 734, 5% Microbond, 0.3% Econolite, 0.3% CFR-3 7.70 14.2 1.54 1162 psi

If we observe cement to surface after the first stage we will inflate the external casing packer and monitor the backside to ensure there is no drop in cement and drop a cancellation cone to shift the DV tool to the closed position.

If we do not observe cement to surface we will inflate the ACP, open the DV tool and pump the second stage as follows:

Lead:

0? ? 790?

(190% Excess) 150 790? Interfill C Cement: 0.5% LAP-1 (Low fluid loss control), 0.25% D-AIR 5000 (Defoamer), 2 lbm/sk Kol-Seal (Lost Circulation Additive), 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive) 13.79 11.90 2.45 315 psi

Reaches 500 psi in 62.5 hours

After pumping the second stage we would close the DV tool.

## CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Oxy USA Inc
LEASE NO.:	NM99017
WELL NAME & NO.:	1H Osage 18 Fee A Com
SURFACE HOLE FOOTAGE:	330' FSL & 1800' FEL
BOTTOM HOLE FOOTAGE:	330' FNL & 1700' FEL
LOCATION:	Section 18, T.20 S., R.25 E., NMPM
COUNTY:	Eddy County, New Mexico

**The original COAs still stand with the following drilling modifications:**

1. The minimum required fill of cement behind the **5-1/2** inch production casing is:

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

**Operator has proposed a contingency DV tool at 790'. If operator circulates cement on the first stage, operator is approved to run the DV tool cancellation plug and cancel the second stage of the proposed cement plan. If cement does not circulate, operator will proceed with the second stage.**

- a. Second stage above DV tool:

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

**JAM 032014**