

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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 WTP LP

192463

3a. Address  
P.O. Box 50250 Midland, TX 797103b. Phone No. (include area code)  
432-685-5717

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

1511 FNL 839 FEL SENE (14) Sec 11 T22S

5. Lease Serial No.

NM-0251099A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Smith Federal #4

9. API Well No.

30-015-32957

10. Field and Pool, or Exploratory Area

W. Unit Globe Lake

11. County or Parish, State

Eddy 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Report Post & Proposed Work.
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

- 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 recompleat 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 recompleat 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.)

Accepted for record

NMOCD

TCS

See Attached

DEC 02 2011

RECEIVED

NOV 22 2011

NMOCD ARTESIA

Provide 3160-5 w/ plugback details.

14 I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David Stewart

Title Regulatory Advisor

Signature

Date

11/11/11

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James G. Jones

Title

SEPS

Date

11-20-11

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

CFD

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.

(Instructions on page 2)

**Smith Federal #4**  
**API No. 30-015-32957**

**Recompletion summary**

9/28/11- Ran Schlumberger USIT log to evaluate casing and cement integrity. The evidence of cement was questionable near and above the planned completion interval. The primary cement job was foamed cement, which is difficult to evaluate with any log.

10/19/11- Move in pulling unit and rigged up. Began to plug back all zones below the Yeso as stated in the approved sundry.

10/19-31/11-Plug backed well as stated in the approved sundry.

10/31/11-Set CIBP at 2700'. Plug back of all zones below the Yeso complete. Ran 2<sup>nd</sup> Schlumberger USIT log to evaluate casing and cement. Even after 2<sup>nd</sup> log, which was calibrated for light cement and run with 500 psi on the casing, cement integrity was still questionable based on the log. The amount of cement for this log was better than the previous, but still questionable.

11/1/11 -After talking with Chris Walls (BLM), perforated at 2000' to test if cement was behind the casing. Pressured up to 1500 psi and held.

11/2/11 -Perforated lower Yeso from 2500'-2570' (90 holes).

11/3/11 -Set packer at 2450'. Started swabbing.

11/3-5/11-Swabbed the lower Yeso.

11/7/11 -Decision made to abandon the lower Yeso. Dropped plug in packer. Perforated the upper Yeso from 2100' – 2225' (80 holes). Set packer at 2145'. Tested casing, and perms at 2000', to 1000 psi and held. Pumped 2000 gal 15% HCl followed by 5000 gal 2% KCl. When the formation broke at 2400 psi pressures was noticed on the casing/tubing annulus. After the 7000 gallons of fluid was pumped the casing/tubing annulus pressure was 1000 psi. Moved packer up to 1950'. Tested casing to 1000 psi and held. Frac'd upper Yeso with 90,000 gal fluid and 126,000 pounds of sand. Max pressure was 3100 psi and shut in pressure was 2600 psi.

11/8/11 -Left well shut in for resin to cure.

**OXY Proposed Plan**

As we discussed, our requested plan forward is to flow the well back until it will no longer flow. Once the well is dead we will run a injection profile and tracer survey to determine where fluid is leaving the well bore and look for any fluid moving behind the casing above the perms at 2100' or above 1945' (current packer depth). If no fluid is moving up above 2100' we would like to pull the packer, clean out sand to PBTD and run production equipment. If there is fluid moving up above 2100' we will squeeze the perforations at 2000', then clean out sand to PBTD and run production equipment..

**BLM-Wesley Ingram–Approved Plan**

I will give a verbal approval at 0930 hours 11/10/2011 for continuing the well flow until it dies and for the injection profile/tracer survey. The perforations at 2000' will need to be squeezed in either case as they are within the San Andres and even if there is no flow, there is still a long term possibility of unapproved downhole commingle between the Yeso and San Andres. A pressure test will be required after the squeeze and shall be witnessed by the BLM.