

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. C. 210, Division  
311 S. 1st St.  
Albuquerque, NM 87102-2834

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

458

**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)  
915-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650 FSL 1980 FWL NESW (K) Sec 15 T17S R27E

5. Lease Serial No.  
NM15429

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No. 21592  
OXY Thor Federal #1

9. API Well No.  
30-015-29846

10. Field and Pool, or Exploratory Area  
Unless Logan Draw Morrow

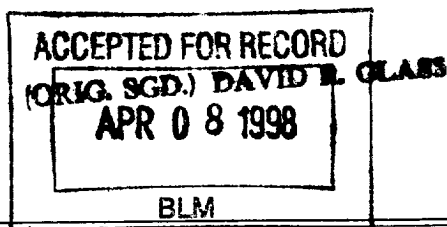
11. County or Parish, State  
EDDY NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 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 Spud, Set Csg & Cement
	<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 recomplate 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 recompletion 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.)

See Other Side



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

DAVID STEWART

Title

REGULATORY ANALYST

Signature

*David Stewart*

Date

4/1/98

**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, 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.

ATTACHMENT 3160-5  
OXY USA INC.  
OXY THOR FEDERAL #1  
SEC 15 T17S R27E  
EDDY COUNTY, NM

NOTIFIED BLM 3/12/98 OF SPUD. MIRU PETERSON #8, SPUD WELL @ 0700hrs MST 3/13/98. DRILL 17-1/2" HOLE TO 395', W/ 50% RETURNS, FILL HOLE ON CONNECTIONS, USE PAPER & MAXISEAL FOR LOST CIRC. RIH W/ 13-3/8" 48# H40 CSG & SET @ 395'. M&P 100sx CL H W/ 10% A-10B + 10#/sx GILSONITE + .25#/sx CELLOFLAKE + 1% CaCl<sub>2</sub> FOLLOWED BY 220sx 65/35/6-C/POZ/GEL W/ 5#/sx GILSONITE + 1% CaCl<sub>2</sub> + .25#/sx CELLOFLAKE FOLLOWED BY 200sx CL C W/ 2% CaCl<sub>2</sub>, DISP W/ FW, PLUG DOWN @ 2000hrs MST 3/13/98, CIRC 120sx CMT TO PIT, SI WOC 8hrs. BLM REP-DUNCAN WHITLOCK ON LOC TO WITNESS. CUT OFF CASING, WELD ON STARTING HEAD, NU BOP & TEST TO 1200#, HELD OK. RIH, TAG CMT @ 320', DRILL OUT & DRILL AHEAD.

DRILL 11" HOLE TO TD @ 1803', 3/15/98, CHC. RIH W/ 8-5/8" 24# CSG & SET @ 1803'. M&P 700sx 65/35/6-C/POZ/GEL + 5#/sx SALT + 5#/sx GILSONITE + .25#/sx CELLOFLAKE FOLLOWED BY 200sx CL C W/ 2% CaCl<sub>2</sub>, DISP W/ FW, PLUG DOWN @ 1325hrs MST 3/16/98, CIRCULATE 250sx CMT TO PIT, WOC 8hrs. BLM NOTIFIED BUT DID NOT WITNESS. ND BOP, SET SLIPS & CUT CSG. NU BOP & TEST TO 5000#, OK. RIH & TAG CMT @ 1740', DO CMT, TEST TOO 600#, OK, DRILL AHEAD.