

OXY Liberator Federal #1

PROPOSED TD: 12400' TVD

BOP PROGRAM: 0' - 800' None

800' - 4500' 13-3/8" 3M annular preventer.

4500' - 12400' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 800'
17-1/2" hole

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-4500'
12-1/4" hole

Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-12400'
8-3/4" hole N80-8800' S95-3600'

CEMENT: Surface - Circulate cement with 350sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement with 1050sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Production - Cement with 565sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 100sx Cl C with .7% FL-25. Estimated top of cement is 9000'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD: 0 - 800' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage.
Wt 8.7-9.2 ppg, Vis 32-34 sec

800' - 4500' Fresh/*Brine water. Lime for pH control (10.0-10.5). Paper for seepage.
Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in the mud system increases to 20000PPM.

4500' - 9500' Fresh water. Lime for pH control (9-9.5). Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec

9500' - 11000' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec

11000' - 12400' Mud up with an Due Vis/Flo-Trol mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

87 0 22 22 00 00

CEASED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons. Division
S. 1st Street
Artesia, NM 88210-2834
FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

49K

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

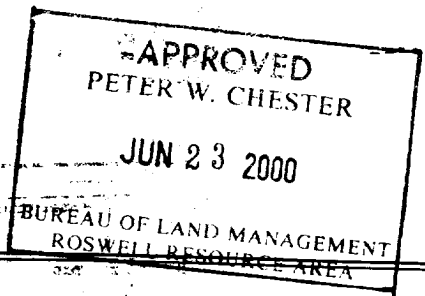
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name
2. Name of Operator OXY USA INC.	7. If Unit or GA/Agreement Name and/or No.
3a. Address P.O. BOX 50250 MIDLAND, TX 79710-0250	8. Well Name and No. OXY Liberator Federal #1
3b. Phone No. (include area code) 16696 915-685-5717	9. API Well No. 30-015-30979
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 880 FSL 1140 FEL SESE(P) Sec 35 T16S R31E	10. Field and Pool, or Exploratory Area Fren Morrow NE
	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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input checked="" type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Amend Hole d
	CSG Size, Cement, d
	BoP

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 recomplete 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 <i>David Stewart</i>	Date 6/20/00

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.

(Instructions on reverse)