

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1994

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.

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)

860 FSL 2105 FWL SE5W(N) Sec 3 T17S R27E

5. Well No.

NWMC-057674-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Little Hammer Federal #1

9. API Well No.

330-015-30433

10. Field and Pool, or Exploratory Area

Crow Flats 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 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 <u>Change of Operator</u>
	<input checked="" 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 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.)

AS REQUIRED BY 43 CFR 3100.0-5(a) AND 43 CFR 3162.3, WE ARE NOTIFYING YOU OF A CHANGE OF OPERATOR ON THE ABOVE REFERENCED LEASE.

OXY USA Inc. AS NEW OPERATOR ACCEPTS ALL APPLICABLE TERMS, CONDITIONS, STIPULATIONS AND RESTRICTIONS CONCERNING OPERATIONS CONDUCTED ON THE LEASE OR PORTION OF LEASE DESCRIBED.

OXY USA Inc. MEETS FEDERAL BONDING REQUIREMENTS AS FOLLOWS (43 CFR 3104):
NATIONWIDE OIL & GAS BOND NO. 9312774

SEE OTHER SIDE AND ATTACHED FOR CHANGE OF DRILLING PLANS

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

DAVID STEWART

Title

REGULATORY ANALYST

Signature

Date

11/5/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

PETROLEUM ENGINEER

Date

JAN 15 1999

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.

ATTACHMENT 3160-5
OKY USA Inc.
Little Hammer Federal #1
SEC 3 T17S R27E
Eddy County, NM

PROPOSED TD: 9200' TVD

BOP PROGRAM: 0' - 400' None

400' - 1500' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

1500' - 9200' 13-3/8" 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 400'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-1500'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-9200'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂ + .25#/sx Cello-Flake followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂.

Intermediate - Circulate cement with 200sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂ + .25#/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 580sx 15:61:11 POZ/C/Silica with .005#/sx Static Free + .005gps FP-6L + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .5% FL-25.

Estimated top of cement is 5800'.

** Minimum 600' Above Top of Wellcamps ± 6800'*

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

MUD:

0 - 400' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage.
Wt 8.7-9.2 ppg, Vis 32-34 sec

400' - 1500' Fresh water. Caustic for pH control (10.0-10.5). Paper for seepage.
Wt 8.3-9.0 ppg, Vis 28-29 sec

1500' - 6000' Fresh water. Caustic for pH control (9-9.5). Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec

6000' - 7400' Cut brine. Caustic for pH control (10-10.5).
Wt 9.6 - 10.0 ppg, Vis 28-29sec

7400' - 9200' Mud up with an XCD Polymer mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc