

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 FNL 1650 FNL SENW(F) Sec 21 T17S R27E

5. Lease Serial No.
NM 15429

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Oxy Braveheart Federal #1

9. API Well No.
30-015-29848

10. Field and Pool, or Exploratory Area
Unders. 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Attempted Completion
	<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.)

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

10/16/98

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 BRAVEHEART FEDERAL #1
 SEC 21 T17S R27E
 EDDY COUNTY, NM

RU WL 2/2/98, RIH W/ CBL/CCL/GR FROM 9236' TO TOC @ 7580', POOH, RDWL. RUPU 2/5/98, NU BOP, NDWH. RIH W/ BAKER A3 LS PKR-8865' ON 2-3/8" TBG-8876', NDBOP, NUWH, RDPU 2/7/98. RUWL 2/9/98, RIH & PERF MORROW W/ 4SPF @ 9185-9194', TOTAL 40 HOLES, WELL REMAINED STATIC. RIH & PERF MORROW W/ 4SPF @ 8948-8951, 9051-9056', TOTAL 40 HOLES, NO INCREASE IN PRESSURE, >100#. 48hr-SITP-200#, ACIDIZE W/ 3000gal 15% HCl W/ 25% METHANOL + 1000SCF/BBL CO₂, MAXP-7980#, ISIP-3400#, SI-2hrs. OPEN WELL TO PIT W/ 2000#FTP, FLOW FOR 5hrs & REC CO₂ & FLUID HIT SURFACE, REC 45BLW IN 2hrs ON 16/64CHK 2/ FTP-600#, TRYING TO FLOW BURNABLE GAS @ 50#, SI PBU. SITP-1250#, BLED PRES IN 28min, RIH & SWAB .25BBL FLUID. PWOL 2/14/98 AND TEST AS FOLLOWS:

<u>HRS</u>	<u>FTP</u>	<u>GAS</u>	<u>OIL</u>	<u>WATER</u>	<u>CHOKE</u>
20	780	1	0	0	OPEN
24	775	0	0	0	OPEN
SI REPAIR GAS METER, PWOL:					
18	750	43	0	7	OPEN
24	750	7	0	0	OPEN
SI PBU, SITP-1640#, PWOL:					
24	750	9	0	0	OPEN
24	750	31	0	4	OPEN
24	725	26	0	0	OPEN
SI PBU, SITP-1500#, PWOL					
24	750	18	0	0	OPEN
24	720	26	0	0	OPEN
24	700	33	0	0	OPEN
24	725	14	0	0	OPEN
24	765	3	0	0	OPEN
RUWL 3/4/98, RIH W/ BHP BOMBS, TAKE FLOW GRADIENTS AND SI. RUWL & POOH W/ BHP BOMBS 3/10/98. SITP-1850#, PWOL & TEST.					
24	685	50	0	0	OPEN
24	670	6	0	0	OPEN
24	670	4	0	0	OPEN
24	750	0	0	0	OPEN
24	0	0	0	0	OPEN
SI, GL FROZEN, REPAIR METER, 3/16-3/28/98. PWOL					
24	748	26	0	0	OPEN
24	784	3	0	0	OPEN
24	744	2	0	0	OPEN
24	710	6	0	0	OPEN
SIW, PBU 4/1/98.					

MIRU PU 6/3/98, SITP-750#, REL PKR & POOH. RIH W/ CIBP & SET @ 8900', DUMP 3sx(35') CMT ON TOP, PBTD-8865'. RIH & PERF CANYON W/ 4SPF @ 7845-7865', TOTAL 81 HOLES. RIH & SET RTTS PKR-7782' W/ 2-3/8" TBG. SWAB 29BW W/ SHOW OF GAS IN 8hrs. SITP-90#, OPEN WELL, SWAB 6BW WHILE BURNING 1' FLARE, POOH W/ RTTS PKR. FRAC W/ 80000gal 50Q CO₂ BJ MEDALLION FRAC FLUID W/ 80000# 20/40 SAND W/ 178 TONS CO₂, MAXP-5600#, ISIP-2700#, FLOW WELL OVERNIGHT ON 14/64CHK W/ FTP-550# & REC 123BLW & CO₂. FLOW WELL 24hrs ON 14/64CHK W/ FTP-500#, EST GAS 555MCFD & REC 101BLW. FLOW FOR 8hrs & WELL DIED TO SLIGHT BLOW OF CO₂, REC 11BLW. RIH & TAG SAND @ 8782', RIH W/ BAKER LS PKR-7787' & 2-3/8" TBG @ 7799'. SWAB FOR 6hrs & REC 41BLW W/ TRACES OF CO₂. SITP-45#, SWAB WELL DRY IN 1hr. SITP-340#, OPEN TO PIT, DIED IN 1/2hr, SWAB W/ SLIGHT SHOW OF GAS. SWAB WELL FROM 6/15-7/7/98, REC LW & BURNING 1-4' FLARES DURING RUNS. RDPU 6/23/98, SI PENDING ENGR EVAL 7/7/98.