

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
311 S. 1st St.
Albuquerque, NM 87102-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA Inc.

3. Address and Telephone No.

P.O. Box 50250 Midland, TX 79710-0250

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

1650 FNL 1650 FWL SENW(F) Sec 21 T17S R27E

5. Lease Designation and Serial No.

210-2834 NM14529

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

OXY BRAVEHEART Fed. #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(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud, Set Csg & Cement

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See other side

ACCEPTED FOR RECORD

JAN 21 1998

BLM

14. I hereby certify that the foregoing is true and correct

Signed David Stewart

Title Regulatory Analyst

Date 1/5/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ATTACHMENT 3160-5
OXY USA INC.
OXY BRAVEHEART FEDERAL #1
SEC 21 T178 R27E
EDDY COUNTY, NM

NOTIFIED BLM 0800hrs MST 1/2/98 OF SPUD. MIRU PETERSON #8, SPUD WELL @ 2300hrs MST 1/2/98. DRILL 17-1/2" HOLE TO TD @ 400', CHC. RIH W/ 13-3/8" 48# CSG & SET @ 400'. M&P 220sx 65/35 CL C/POZ W/ 6% GEL + 2% CaCl2 + .25#/sx CELLOSEAL FOLLOWED BY 200sx CL C W/ 2% CaCl2, DISP W/ FW, PLUG DOWN @ 1645hrs MST 1/3/98, CIRCULATED 55sx CMT TO PIT, WOC 18hrs. BLM NOTIFIED & WITNESSED. CUT OFF CASING, WELD ON STARTING HEAD, NU BOP & TEST TO 1200#, HELD OK. RIH, TAG CMT @ 350', DRILL OUT, TEST CSG TO 500#, OK, DRILL AHEAD.

DRILL 11" HOLE TO TD @ 1802', 1/6/98, CHC. RIH W/ 8-5/8" 24-32# CSG, SET CSG @ 1802'. M&P 550sx 65/35 CL C/POZ W/ 6% GEL + 5#/sx SALT + 5#/sx GILSONITE + .25#/sx CELLO FLAKE FOLLOWED BY 200sx CL C W/ 2% CaCl2, DISP W/ FW, PLUG DOWN @ 1600hrs MST 1/6/98, CIRCULATE 160sx CMT TO PIT, WOC 18hrs. BLM NOTIFIED BUT DID NOT WITNESS. ND BOP, SET SLIPS & CUT CSG. NU BOP & TEST TO 5000#, OK. RIH & TAG CMT @ 1730', DO CMT & FLT EQUIP, TEST CSG TO 600#, HELD OK, DRILL AHEAD.

ROSEVILLE OFFICE
JAN 16 1998

JAN 16 1998

RECEIVED

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
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SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA Inc.

16696

3. Address and Telephone No.

P.O. Box 50250 Midland, TX 79710-0250

915-685-5717

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

1650 FNL 1650FWL SENW(F) Sec 21 T17S R27E

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NM14529

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Unclsg. Logan Draw Morrow

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See other side



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Title Regulatory Analyst

Date 11/5/98

(This space for Federal or State office use)

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Date _____

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JP 8/25/97

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

OXY USA Inc.

16696

16696

3. ADDRESS AND TELEPHONE NO.

P.O. Box 50250 Midland, TX 79710-0250 915-685-5717

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1650 FNL 1650 FWL SENW(F)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 miles southeast from Artesia, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

9400'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3462'

22. APPROX. DATE WORK WILL START*

10/1/97

23.

PROPOSED CASING AND CEMENTING PROGRAM

Roswell Controlled Water Basin

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|-------------------------|
| 17-1/2" | 13-3/8" H40 | 48# | 400' | 420sx - Circulate |
| 11" | 8-5/8" K55 | 32# | 1800' | 515sx - Circulate |
| 7-7/8" | 4-1/2" N80-S95 | 11.6# | 9400' | 642sx - Est TOC @ 6500' |

It is proposed to drill this well to a TD of 9400' and test the Morrow formation.

The Blowout Prevention Program is as follows:

- 1) One set of Drill Pipe Rams (5M)
- 2) One set of Blind Rams (5M)
- 3) One set of Hydril (5M)

Approval Subject to
General Requirements and
Special Stipulations
Attached

RECEIVED

AUG 25 '97

BLM
ROSWELL, NM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

David Stewart

TITLE

Regulatory Analyst

DATE

8/22/97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) TONY L. FERGUSON

TITLE

ADM, MINERALS

DATE

9-16-97

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|------------------------------------|---|---|
| API Number 30-015- 29848 | Pool Code 80400 | Pool Name Undesignated Logan Draw Morrow |
| Property Code | Property Name Oxy Braveheart Federal | Well Number 1 |
| OGRID No. 16696 | Operator Name Oxy USA Inc. | Elevation 3462' |

Surface Location

| | | | | | | | | | |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No. F | Section 21 | Township 17 S | Range 27 E | Lot Idn | Feet from the 1650 | North/South line North | Feet from the 1650 | East/West line West | County Eddy |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|------------------------|----------------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres 320 | Joint or Infill N | Consolidation Code | Order No. | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|--|---|
| | OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>David Stewart</u> Printed Name Regulatory Analyst Title Date <u>8/22/97</u> |
| | SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. August 1, 1997 Date Surveyed |
| | Signature <u>[Signature]</u> Professional Surveyor Seal of JONES NEW MEXICO W.O. No. 7444 |
| | Certification No. Gary L. Jones, 7977 BASIN SURVEYS |