

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)

30-025-32114

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Skelly Penrose B Unit

2. Name of Operator

OXY USA Inc.

8. Well No.

73

3. Address of Operator

P.O. Box 50250 Midland, TX. 79710

9. Pool name or Wildcat

Langlie Mattix 7 RVR Qn-GB

4. Well Location

Unit Letter

C

: 20

Feet From The

North

Line and

1330

Feet From The

West

Line

Section

8

Township

23S

Range

37E

NMPM

Lea

County

10. Proposed Depth

3850'

11. Formation

Queen

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3338.4'

14. Kind & Status Plug Bond

Required/Approved

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

ASAP

17. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP   |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 12 1/4"      | 8 5/8"         | 24#             | 400'          | 260             | Circulated |
| 7 7/8"       | 5 1/2"         | 15.5#           | 3850'         | 810             | Circulated |

It is proposed to Drill to a TD of 3850'.

See other side.

Approved to drill ONLY--Well cannot be produced until Non-standard location is approved.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C.W. Pollard TITLE Oper. Engr. Supr. DATE 7/12/93

TYPE OR PRINT NAME C.W. Pollard (Prepared by David Stewart) TELEPHONE NO. 9156855717

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 29 1993

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

|                         |  |   |
|-------------------------|--|---|
| Bit Program:            | 12-1/4" hole to 400'   |   |
|                         | 7-7/8" hole to 4500'   |   |
| BOP Program:            | 0 - 400'   | None  |
|                         | 400' - TD  | 3000# WP pipe and blind rams w/<br>3000# WP annular preventer and<br>choke manifold   |
| Mud Program:            | 0 - 400'   | Drill w/a gel/lime slurry. Use<br>paper to control seepage and<br>for sweeps.   |
|                         | 400' - 3500'   | Drill with 10# brine water.<br>Circulate through the reserve<br>pit to control solids. Use<br>paper to control seepage and<br>for sweeps. |
|                         | 3500' - TD   | Raise viscosity to 32-34 secs<br>with salt gel. Reduce waterloss<br>to < 15 cc's. Keep pH < 10.   |
| Logging Program:        | TD - 2000'   | GR-DLL-MSFL-caliper   |
|                         |  | GR-CNL-lithodensity   |
|                         | TD - 3950'   | GR-FMS  |
| Casing Program:         | Surface  | 0 - 400' 8-5/8" 24# K55 STC   |
|                         | Production   | 0 - TD 5-1/2" 15.5# K55 STC<br>(roughcoat 500')   |
| Cement program          | Surface  | Lead 260 sx Cl C + 2% CaCl <sub>2</sub><br>+ 1/4 pps cellophane flakes  |
|                         | Production   | Lead 660 sx Premium Plus w/15<br>pps salt + 1/4 pps cellophane<br>flakes  |
|                         |  | Tail 150 sx 50/50 Poz/Cl C +<br>2% gel + 3 pps KCl + .3% Halad-<br>9  |
|                         |  | Calculate annular volume from<br>caliper log and adjust volumes<br>if necessary.  |
| Wellhead                | 8-5/8" 3000# WP Larken "Unistack" casing head  |   |
|                         | 5-1/2" x 2-7/8" 3000# WP Larken "Unistack" tubing head   |   |
| H <sub>2</sub> S safety | While drilling below 3900', protective<br>breathing equipment at 2 sites, wind direction<br>indicator, and automatic H <sub>2</sub> S detection and<br>alarm equipment shall be on location. All<br>contractor and company personnel shall be<br>trained in H <sub>2</sub> S safety in accordance with TRC<br>Rule 36. |   |

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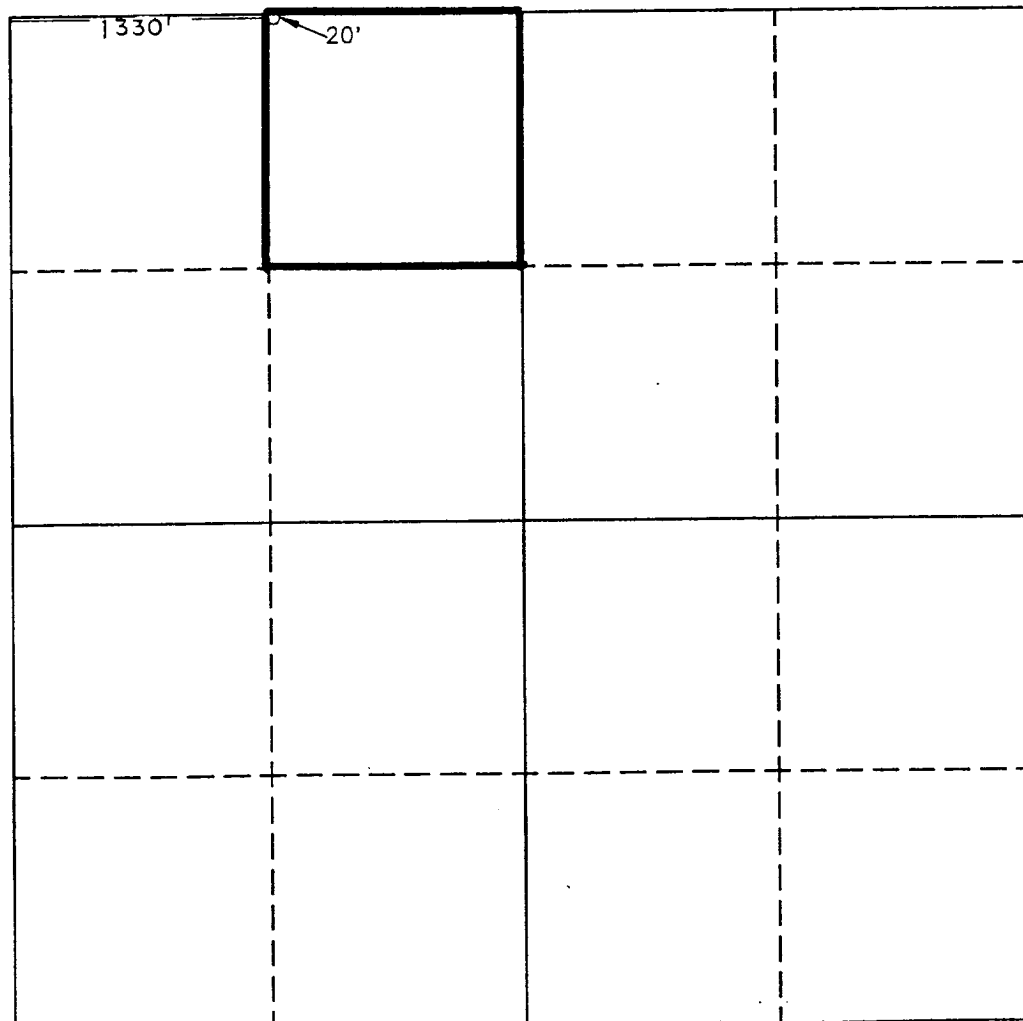
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|   |  |  |                        |                                |  |
|---|--|--|------------------------|--------------------------------|--|
| Operator<br>OXY U.S.A. INC.   |  | Lease<br><i>Skelly</i><br>PENROSE "B" Unit |                        | Well No.<br>73                 |  |
| Unit Letter<br>C  | Section<br>8                             | Township<br>23 SOUTH                       | Range<br>37 EAST       | County<br>LEA                  |  |
| Actual Footage Location of Well:<br>20 feet from the NORTH line and 1330' feet from the WEST line |  |  |                        |                                |  |
| Ground Level Elev.<br>3338.4  | Producing Formation<br>Svn Rvr - QN - GB |  | Pool<br>Langlie Mattix | Dedicated Acreage:<br>40 Acres |  |

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
  - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
  - If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation Unitization R-2915
- If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)  
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, 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  
*C.W. Pollard*  
Printed Name  
C.W. Pollard  
Position  
Oper. Engr. Supr.  
Company  
OXY USA Inc.  
Date  
7/12/93

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 knowledge and belief.

Date Surveyed  
MAY 27, 1993  
Signature & Seal of Professional Surveyor  
*GARY L. JONES*  
GARY L. JONES  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
Certificate No. *JOHN W. WEST* 878  
*RONALD W. HEDGECOCK* 3238  
*GARY L. JONES* 7977

93-11-0993

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11/9/93

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RECEIVED

APR 17 1993

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