

Submit to Appropriate  
District Office  
State Leases - 6 copies  
Fee Leases - 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 1900, Hobbs, NM 88240

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

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

API NO. (assigned by OCD on New Wells)  
3002511383

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

Hodges B

8. Well No.

3

9. Pool name or Wildcat

Justis Tubbs Drinkard

2. Name of Operator

OXY USA Inc.

3. Address of Operator

P.O. Box 50250 Midland, TX. 79710

4. Well Location

Unit Letter L : 1880 Feet From The South Line and 330 Feet From The West Line

Section 1 Township 25S Range 37E NMPM Lea County

10. Proposed Depth

6100'

11. Formation

Drinkard

12. Rotary or C.T.

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

3118'

14. Kind & Status Plug. Bond

Required/Approved

15. Drilling Contractor

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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   |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 17 1/2"      | 13 3/8"        | 48#             | 503'          | 500             | Circulated |
| 12 1/4"      | 9 5/8"         | 36#             | 3400'         | 2550            | "          |
| 8 3/4"       | 7"             | 20-23-26#       | 7220'         | 750             | TS - 4010' |

TD - 7224' PBTD - 5783' Blinebry Perfs 5015' - 5618'

It is proposed to cement squeeze the Blinebry & recomplete in the Drinkard as follows:

SEE OTHER SIDE

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 David Stewart TITLE Prod. Acct. DATE 12/18/92

TYPE OR PRINT NAME David Stewart TELEPHONE NO. 9156855717

(This space for State Use)

ORIGINAL SIGNED BY APT. SIGNED  
DATE 12/18/92

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DEC 21 '92

CONDITIONS OF APPROVAL, IF ANY:

**WORKOVER PROCEDURES  
HODGES B #3**

- 1) MIRU rig. Kill well w/2½ KCl water. POOH w/rods and pump. ND WH and NU BOP's. POOH & LD 2-3/8" tbg.
- 2) PU 7" sqz pkr and TIH on 3-1/2" WS. Set sqz pkr @ ±4850'. Test casing to 1000 psi and hold. Establish injection into perfs.
- 3) Sqz Blinbry perfs 5015' - 5618' OA using 250 sx of class "C" cement w/low fluid loss additive as per attached recommendation. Reverse BU and POOH w/pkr.
- 4) PU 6-1/4" RB and 4 4-3/4" DC's on 3-1/2" tbg and TIH. RU power swivel. Drill out sqz and test to 1000 psi. Drill out cmt and CIBP on top of Drinkard. CIBP @ 5900' and cmt @ 5783' (calc'd). TIH to new PBD @ ±6783'. CHC. POOH and LD bit and DC's.
  - a) M&P a gelled pill to help clean the hole if necessary. It is important to get the hole as clean as possible.
- 5) RU WL. Perforate the following Drinkard intervals using a gamma gun loaded 2 spf: 6058-60', 6075-77', 6080-86', 6090', 6094-6100', 6112-16'.
  - a) Correlate w/Welex Acoustic Velocity Log dated 12/14/61.
- 6) PU 7" PPI packer w/1' spacer and TIH on 3-1/2" tbg. RU service company. Break-down Drinkard perfs w/25 gal/ft of 15% NEFE acid. Set pkr above perfs and swab test. POOH and LD PPI pkr.
  - a) If swab test is satisfactory, the following frac treatment may be omitted.
- 7) PU treating packer and TIH. Set packer at ±5900'. Pressure-up annulus to 1000 psi and hold throughout treatment. Frac the Drinkard using 16000 gals of Poly-Emulsion and 29,000 lbs of 16/30 Vulcan sand. Use the following pump schedule:
  - 6000 gals Poly-Emulsion w/0 ppg 16/30 sand
  - 4000 gals Poly-Emulsion w/2 ppg 16/30 sand
  - 4000 gals Poly-Emulsion w/3 ppg 16/30 sand
  - 1000 gals Poly-Emulsion w/4 ppg 16/30 sand
  - 1000 gals Poly-Emulsion w/5 ppg 16/30 sand
- 8) RD service company. Flow and swab back load. Use load oil to kill well if necessary. POOH and LD treating packer and 3-1/2" WS.
- 9) PU mud anchor, perf'd sub and SN on 2-3/8" tbg and TIH. Set tbg @ ±6050'. ND BOP's and NU WH. Run a 1-1/4" X 16' pump on 2000' of 7/8" FG rods and 4050' of 3/4" steel rods. Hang off and PWOL at 12 spm, 64" stroke. RD&R rig. Report volumes and fluid level until a stabilized rate has been obtained.

# 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

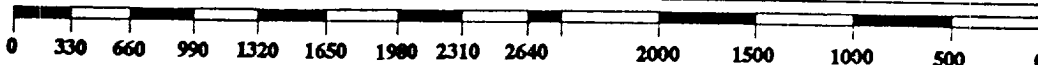
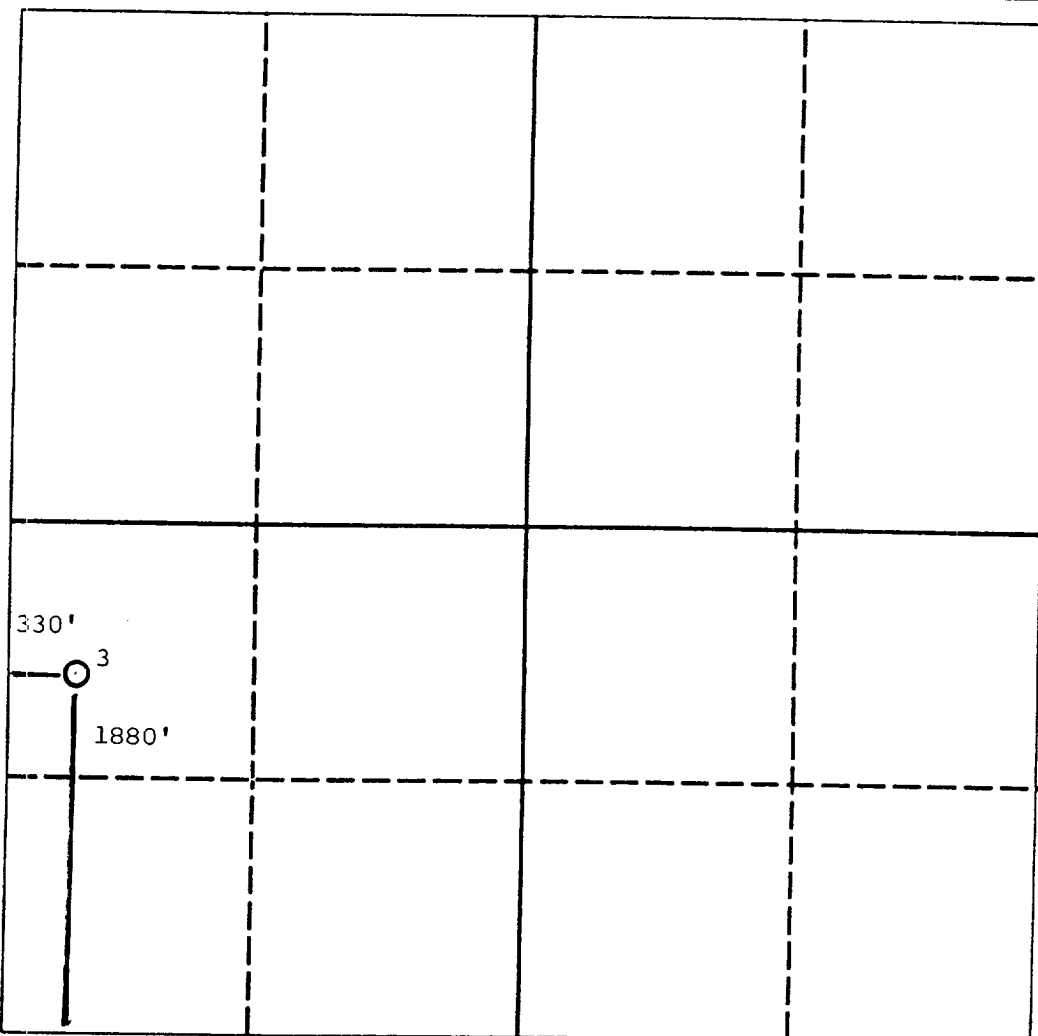
|                          |              |                 |                   |                |               |
|--------------------------|--------------|-----------------|-------------------|----------------|---------------|
| Operator<br>OXY USA Inc. |              |                 | Lease<br>Hodges B |                | Well No.<br>3 |
| Unit Letter<br>L         | Section<br>1 | Township<br>25S | Range<br>37E      | County<br>NMPM | Lea           |

### Actual Footage Location of Well:

1880 feet from the South line and 330 feet from the West line

|                             |                                 |                                         |                                |
|-----------------------------|---------------------------------|-----------------------------------------|--------------------------------|
| Ground level Elev.<br>3118' | Producing Formation<br>Drinkard | Pool<br>Justis <i>Trilla River Park</i> | Dedicated Acreage:<br>40 Acres |
|-----------------------------|---------------------------------|-----------------------------------------|--------------------------------|

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

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

|                                   |
|-----------------------------------|
| Signature<br><i>David Stewart</i> |
| Printed Name<br>David Stewart     |
| Position<br>Prod. Acct.           |
| Company<br>OXY USA Inc.           |
| Date<br>12/18/92                  |

### 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                             |
| Signature & Seal of Professional Surveyor |

|                 |
|-----------------|
| Certificate No. |
|-----------------|