

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)

30-025-31211

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

(G8A)  
South Hobbs Unit

2. Name of Operator

Amoco Production Company

8. Well No.

225

3. Address of Operator

P. O. Box 3092, Houston, TX 77253

9. Pool name or Wildcat

Hobbs Grayburg-S<sup>an</sup> Andres

4. Well Location SL/BHL

Unit Letter <sup>N</sup>/P : 541/660 Feet From The West/South Line and 647/15 Feet From The South/East Line

Section 34/33 Township 18-S Range 38-E NMPM Lea County

10. Proposed Depth  
4303'

11. Formation  
San Andres

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3620.2 GL

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start  
5/1/91

17. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 14-3/4"      | 10-3/4"        | 40.5# K55       | 1600'         | 1000            | Surface  |
| 9-7/8"       | 7"             | 23# K55         | 4303'         | 1500            | Surface  |

Propose to drill and equip well in the San Andres formation. After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program:

0 - 1600' Native/Spud  
1600' - 3800' Saturated/Brine  
3800' - TD\* Salt Gel/Starch

\* Add mud materials as necessary  
to reduce fluid loss.

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 Kim A. Colvin TITLE Asst. Admin. Analyst DATE 4/9/91

TYPE OR PRINT NAME Kimberly A. Colvin TELEPHONE NO. 713/596-7686

(This space for State Use) ORIGINAL DATA

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAY 21 1991

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

All distances must be from the outer boundaries of the Section.

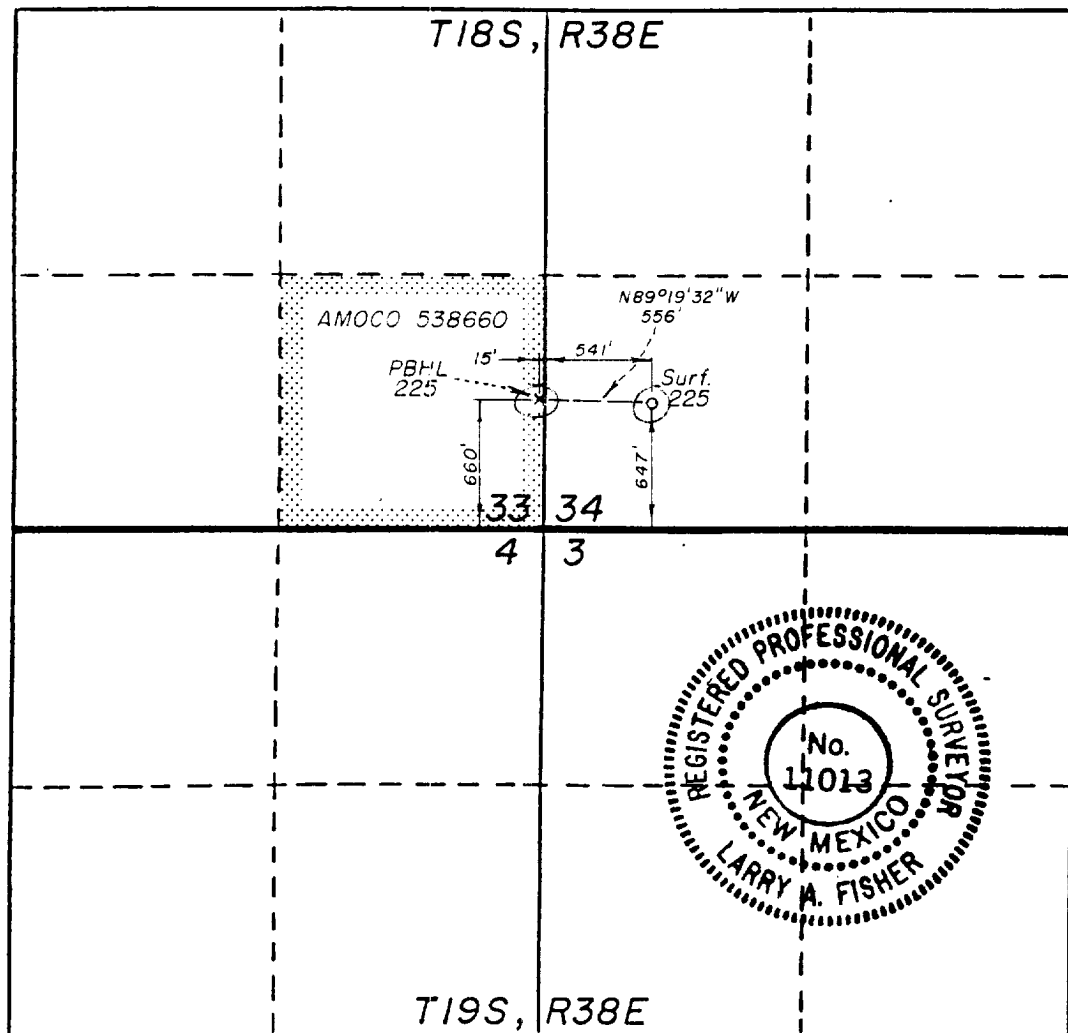
|   |                                   |                         |                                 |                               |                 |
|---|-----------------------------------|-------------------------|---------------------------------|-------------------------------|-----------------|
| Operator<br>Amoco Production Company  |                                   |                         | Lease<br>South Hobbs (GSA) Unit |                               | Well No.<br>225 |
| Unit Letter<br>P  | Section<br>33                     | Township<br>18 South    | Range<br>38 East                | County<br>Lea                 |                 |
| Actual Footage Location of Well:<br>15 feet from the East line and 660 feet from the South line |                                   |                         |                                 |                               |                 |
| Ground Level Elev.<br>3620.2  | Producing Formation<br>Grayburg-S | Pool<br>Hobbs Field GSA |                                 | Dedicated Acreage<br>40 Acres |                 |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation unitization

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 interests, has been approved by the Division.



#### CERTIFICATION

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

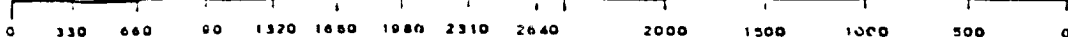
Ken A. Calvin  
Name  
Asst. Administrative Analyst  
Position  
Amoco Production Company  
Company  
4-9-91  
Date

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  
March 13, 1991

Registered Land Surveyor

Larry A. Fisher  
Certificate No.  
11013



STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually operated.
2. All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
3. Bell nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock to be installed on kelly.
5. Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
6. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
7. Double or space saver type preventers may be used in lieu of two single preventers.
8. BOP rams to be installed as follows: \*  
Top preventer - Drill pipe or casing rams  
Bottom preventer - Blind rams  
\*Amoco District Superintendent may reverse location of rams.
9. Extensions and hand wheels to be installed and braced at all times.
10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

