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5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

A-1212-1

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |  |   |
|--|--|---|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>2. Name of Operator<br>AMOCO PRODUCTION COMPANY<br>3. Address of Operator<br>P.O. BOX 68 HOBBS, NEW MEXICO 88240<br>4. Location of Well<br>UNIT LETTER <u>M</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE<br>AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>19-S</u> RGE. <u>38-E</u> NMDM<br>19. Proposed Depth<br>4200'<br>19A. Formation<br>Grayburg-San Andres<br>20. History or C.T.<br>Rotary<br>21. Elevations (show whether Dr., K.I., etc.)<br>3612.5' GL<br>21A. Kind & Status Plug. Bond<br>Blanket on-File<br>21B. Drilling Contractor<br>N/A<br>22. Approx. Date Work will start<br>4th Quarter 1985 |  | 7. Unit Agreement Name<br>8. Farm or Lease Name<br>South Hobbs (GSA) Unit<br>9. Well No.<br>204<br>10. Field and Pool, or Wildcat<br>Hobbs GSA<br>12. County<br>Lea |
|--|--|---|

23.

## 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#             | 1600'         | Circulate to Surface |          |
| 7 7/8"       | 5 1/2"         | 15.5#           | 4200'         | Circulate to Surface |          |

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

Mud Program: 0-1600' Native spud mud  
1600'-3800' Brine water  
3800'-4200' Salt gel/Starch

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

BOP Diagram attached

OTS NMOC, H 1-JRB 1-FJN 1-CMH 1-Shell 1-ARCO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-  
TIVE 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.

Signed Charles M. Lerring Title Administrative Analyst (SG) Date 9/10-85

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE DATE SEP 11 1985

CONDITIONS OF APPROVAL, IF ANY:

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**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

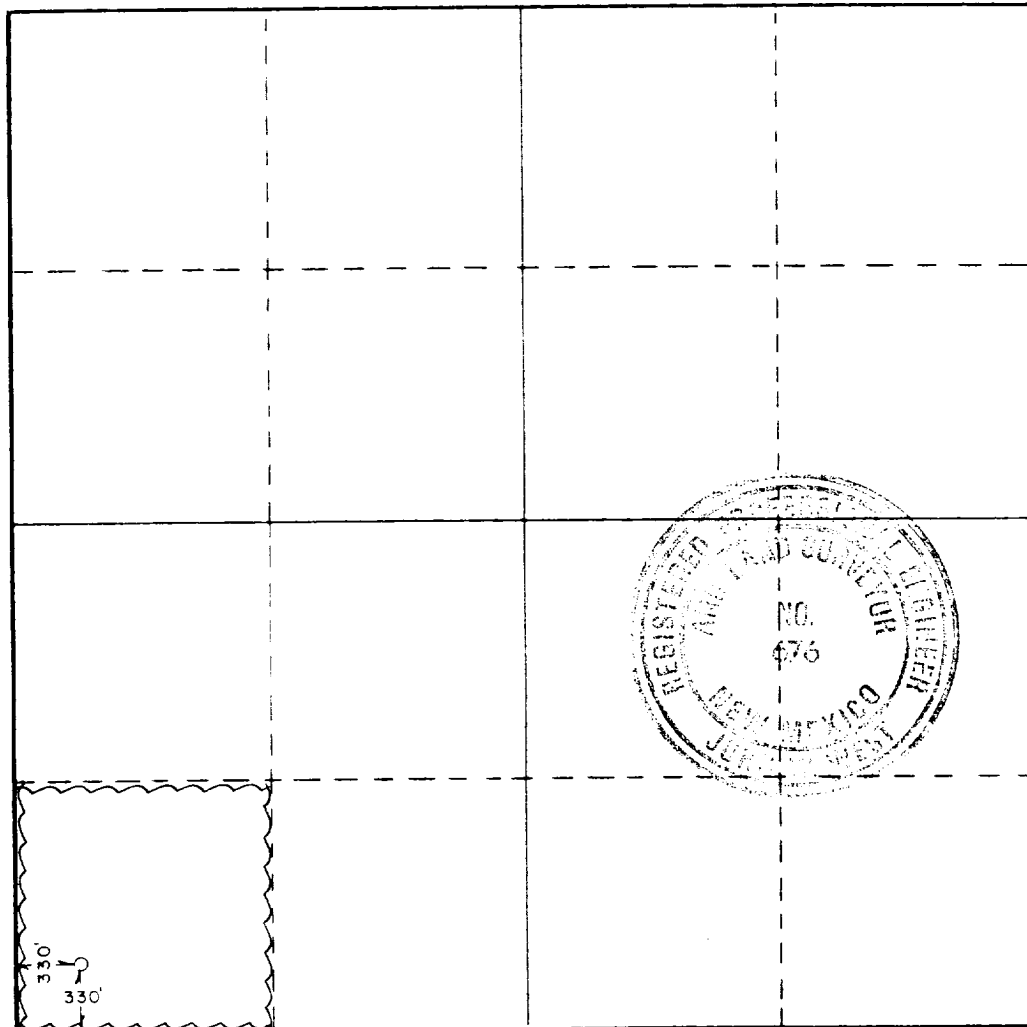
|  |   |                             |  |                      |                                       |
|--|---|-----------------------------|--|----------------------|---------------------------------------|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b>  |   |                             | Lease<br><b>SOUTH HOBBS GRAYBURG SAN ANDRES UNIT</b> |                      | Well No.<br><b>204</b>                |
| Unit Letter<br><b>M</b>  | Section<br><b>5</b>                               | Township<br><b>19 SOUTH</b> | Range<br><b>38 EAST</b>                              | County<br><b>LEA</b> |                                       |
| Actual Footage Location of Well:<br><b>330</b> feet from the <b>SOUTH</b> line and <b>330</b> feet from the <b>WEST</b> line |   |                             |  |                      |                                       |
| Ground Level Elev.<br><b>3612.5'</b>   | Producing Formation<br><b>Grayburg-San Andres</b> |                             | Pool<br><b>Hobbs GSA</b>                             |                      | Dedicated Acreage:<br><b>40</b> 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 \_\_\_\_\_

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 Commission.



**CERTIFICATION**

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

Name Charles M. Herring  
Position Administrative Analyst (SG)  
Company Amoco Production Company  
Date 9-10-85

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  
**AUGUST 19, 1985**

Registered Professional Engineer  
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

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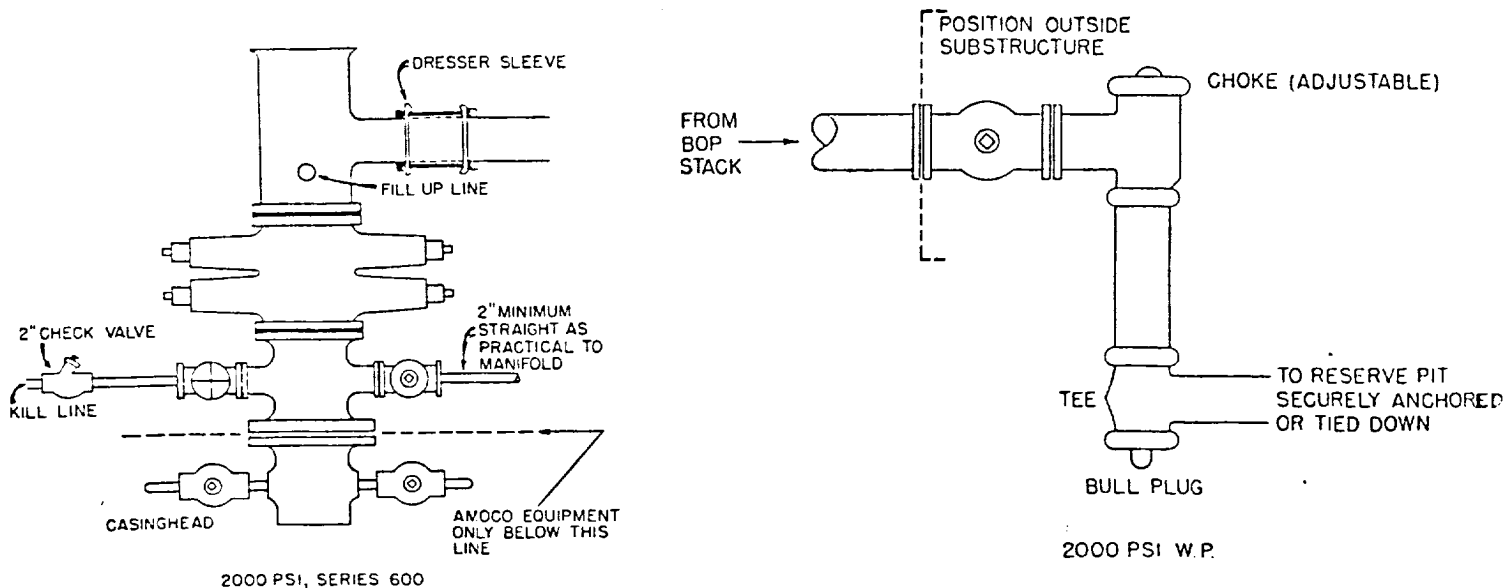
O.C.D.  
HOBBS OFFICE

# 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.



1-19-86  
Clement Bond

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