

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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C.L. CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-77

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
B-244

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

|                                                                                                                                                                                                            |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <u>Injection</u>                                                                                    | 7. Unit Agreement Name                                 |
| 2. Name of Operator<br><u>AMOCO PRODUCTION COMPANY</u>                                                                                                                                                     | 8. Farm or Lease Name<br><u>South Hobbs (GSA) Unit</u> |
| 3. Address of Operator<br><u>P. O. BOX 68 HOBBS, NEW MEXICO 88240</u>                                                                                                                                      | 9. Well No.<br><u>209</u>                              |
| 4. Location of Well<br>UNIT LETTER <u>D</u> <u>265</u> FEET FROM THE <u>North</u> LINE AND <u>1090</u> FEET FROM<br>THE <u>West</u> LINE, SECTION <u>8</u> TOWNSHIP <u>19-S</u> RANGE <u>38-E</u> N.M.P.M. | 10. Field and Pool or Wildcat<br><u>Hobbs GSA</u>      |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br><u>3609.6' GR</u>                                                                                                                                         | 12. County<br><u>Lea</u>                               |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

|                                                |                                           |                                                                 |                                               |
|------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                          | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OP'NS. <input checked="" type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> |                                               |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The subject well was spudded 12-27-85 with a 20" starting hole and drilled to 40' Ran 14", 36.71# casing and set at 40'. Cemented with 4 1/4 yds 135X Redimix. MILU Cactus Rig No. 67. Continuous drilling operations began 12-29-85 with a 12 1/4" bit. Drilled to a TD of 1620'. Ran 8 5/8" 24# K-55 casing and set at 1620'. Cemented with 1050SX Class C w/ 1% CaCl<sub>2</sub>. Plugged down and circulated 1495X cement. WOC 18 hrs. Pressure tested casing 1000 psi for 30 mins - OK. Reduced bit to 7 7/8" and resumed drilling.

O+5 NMOC-D-H 1-JRB 1-FJN 1-CMH 1-Shell 1-Sun 1-Arco

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

|                                        |                                          |                          |
|----------------------------------------|------------------------------------------|--------------------------|
| SIGNED <u>Charles M. Herring</u>       | TITLE <u>ADMINISTRATIVE ANALYST (SG)</u> | DATE <u>1/2/86</u>       |
| ORIGINAL SIGNED BY <u>JERRY SEXTON</u> | TITLE <u>DISTRICT 1 SUPERVISOR</u>       | DATE <u>JAN 6 - 1986</u> |
| APPROVED BY                            | TITLE                                    | DATE                     |

CONDITIONS OF APPROVAL, IF ANY:

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JAN 3 - 1986

G.R.D.  
HOBBS OFFICE

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

B-244

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                          |  |                                                                    |  |                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|------------------------------------------------------|--|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <i>Injection</i>                                    |  | DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> |  | 7. Unit Agreement Name                               |  |
| 2. Name of Operator<br>AMOCO PRODUCTION COMPANY                                                                                                                                                          |  |                                                                    |  | 8. Farm or Lease Name<br>South Hobbs (GSA) Unit      |  |
| 3. Address of Operator<br>P.O. BOX 68 HOBBS, NEW MEXICO 88240                                                                                                                                            |  |                                                                    |  | 9. Well No.<br>209                                   |  |
| 4. Location of Well<br>UNIT LETTER <i>D</i> LOCATED <i>265</i> FEET FROM THE <i>North</i> LINE<br>AND <i>1090</i> FEET FROM THE <i>West</i> LINE OF SEC. <i>8</i> TWP. <i>19-S</i> REC. <i>38-E</i> NMPM |  |                                                                    |  | 10. Field and Pool, or Wildcat<br>HOBBS GSA          |  |
|                                                                                                                                                                                                          |  |                                                                    |  | 12. County<br>LEA                                    |  |
| 19. Proposed Depth<br>4300'                                                                                                                                                                              |  | 19A. Formation<br>GRAYBURG-SAN ANDRES                              |  | 20. Rotary or C.T.<br>ROTARY                         |  |
| 21. Elevation (show whether Dr., H.I., etc.)<br>3609.6' GR                                                                                                                                               |  | 21A. Kind & Status Plug. Bond<br>BLANKET-ON-FILE                   |  | 22. Approx. Date Work will start<br>4th QUARTER 1985 |  |

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#           | 4300'         | Circulate to surface |          |

Propose to drill and equip well in the Grayburg-San Andres Formation.  
Well is to be used as an injection well.  
Reference Administrative Order No. PMX-139.

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

O+5 NMOCD, H 1-JRB 1-FJN 1-CMH 1-Shell 1-Arco 1-Sun

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.

Signed Mary C. Clark Title Administrative Analyst Date 11-25-85

(This space for State Use)  
Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE  DATE NOV 25 1985

CONDITIONS OF APPROVAL, IF ANY:

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NOV 25 1985

G.O.D.  
HOBBS OFFICE