

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-025-29891

Form C-101  
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name South Hobbs (GSA) Uni-
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 220
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wildcat Hobbs GSA
4. Location of Well UNIT LETTER <u>F/C</u> LOCATED <u>1425/550</u> FEET FROM THE <u>North</u> LINE SL/BHL AND <u>1480/1400</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>4</u> TWP. <u>19-S</u> RGE. <u>38-E</u> NMPM		12. County Lea
19. Proposed Depth 4500		19A. Formation Grayburg-San Andres
20. Rotary or C.T. Rotary		
21. Elevations (show whether Dr, KI, etc.) 3616.2	21A. Kind & Status Plug. Bond Blanket-on-file	22. Approx. Date Work will start June 1987

23.

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#	1600'	Circulate to surface	
9-7/8"	7"	23#	4500'	Circulate to surface	

Propose to drill and equip well in the Grayburg - San Andres formation. After reaching TD, logs will be run and evaluated. Plan to perforate and stimulate as necessary to establish commercial production.

Mud Program: 0-1600' Native Spud Mud  
1600-3800' Brine water  
3800-TD Salt Gel/Starch

BOP Diagram Attached

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 Steve Brownlee Title Admin. Analyst Date 4-1-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 18 1987

Return Expires 6 Months From Approval  
Initials of Drilling Underway.

782 2341 (22)

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APR 8 1987  
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HOBBS OFFICE