

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-025-29892

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 <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name South Hobbs (GSA) Uni	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 221	
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 C/B LOCATED 1091/490 FEET FROM THE North LINE SL/BHL AND 2411/2580 FEET FROM THE West/East LINE OF SEC. 4 TWP. 19-S RGE. 38-E NMDM		12. County Lea	
19. Proposed Depth 4500		19A. Formation Grayburg-San And	20. Rotary or C.T. Rotary
21. Elevations (show whether Dr, KI, etc.) 3610.6	21A. Kind & Status Plug. Bond Blanket-on-file	21B. Drilling Contractor N/A	22. Approx. Date Work will start June 1987

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 S. 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 MAY 18 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

4784 7200 AB

RECEIVED
AUR 8 1987
OCD
HOBBS OFFICE