

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-025-30487

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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name South Hobbs (GSA) Unit
2. Name of Operator Amoco Production Company		9. Well No. 224
3. Address of Operator P. O. Box 3092, Houston, TX 77253		10. Field and Pool, or Wildcat Hobbs GSA
4. Location of Well SL/BHL UNIT LETTER B LOCATED 1530/1440 FEET FROM THE East LINE AND 625/580 FEET FROM THE North LINE OF SEC. 4 TWP. 19-S RGE. 38-E NMPM		12. County Lea
19. Proposed Depth 4500		19A. Formation Grayburg-San And
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, HT, etc.) 3620.3	21A. Kind & Status Plug. Band Blanket-on-file	21B. Drilling Contractor N/A
22. Approx. Date Work will start October 1988		

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 H. I. Black H. I. Black Title Sr. Admin. Analyst Date 9-27-88

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DS-21 To be bottomed at a standard location in lot 2