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5A. Indicate Type of Lease
STATE ☒ REC ☐
5. State Oil & Gas Lease No.
LG-1782

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name State MC	
2. Name of Operator Amoco Production Company		9. Well No. 1	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wildcat Sombrero ATOKA-GAS	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>11</u> T. <u>16-S</u> R. <u>33-E</u> N.M.P.M.		12. County Lea	
19. Proposed Depth 13,500		19A. Formation ATOKA	
20. Rotary or C.T. Rotary		21. Approx. Date Work will start May 1, 1984	
21A. Kind & Status Plug. Bond Blanket-on-file		21B. Drilling Contractor N/A	
22. Elevations (show whether DT, KI, etc.) 4188.0' GL		23. APPROVED CASING AND CEMENT PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	Circulate	surface
11" or 12-1/4"	8-5/8"	32#	4400'	tie back to 13-3/8"	350'
7-7/8"	5-1/2"	17#	13500'	tie back to 500' above Atoka	11950

Propose to drill and equip well in the Atoka formation. After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0 - 350' Fresh water
350' - 4400' Saturated brine-minimum properties for safe hole conditions.
4400' - TD Cut brine, clay free mud if necessary.

BOP Diagram Attached.

O+6-NMOCD, H 1-R. E. Ogde, HOU Rm. 21.150 1-F. J. Nash, HOU Rm. 4.206 1-GCC

4. 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 Assist. Admin. Analyst Date 3-19-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 21 1984

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/21/84
UNLESS DRILLING UNDERWAY