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5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" 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 DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> 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)Unit	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 39	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wildcat GSA	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>19-S</u> RGE. <u>38-E</u> NMPM		12. County Lea	
11. Elevations (Show whether DF, KI, etc.) 3631' KB		19. Proposed Depth 4035'	19A. Formation Grayburg
21A. Kind & Status Plug. Bond blanket-on-file	21B. Drilling Contractor N/A	20. Rotary or C.T. rotary	
22. Approx. Date Work will start 3-5-84			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	29.35#	294'	250	surface
7-7/8"	5-1/2"	14#	4307'	315	1140 by temp.surv.

Propose to plug back and test the Grayburg per the following:

Move in service unit and pull rods, pump and tubing. Run in hole with a cast iron bridge plug and set at 4035'. Run in hole with an unloader, treating packer, and tubing. Set the packer at 3900'. Acidize the Grayburg with 1500 gallons of 15% NE HCL. Flush to perfs with 24 bbls of water. Pull packer and tubing. Run production tubing and land seating nipple at 4025'. Run rods and pump and place well on production.

O+5-NMOCD,H 1-R. E. Ogden, HOU Rm. 21.150 1-F. J. Nash, HOU Rm. 4.206 1-GCC 1-Petro Lewis

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.

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 3-5-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

DATE MAR 5 1984