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

Form C-101
Revised 10-1-78

API # 30-059-20270

5A. Indicate Type of Lease
STATE FEE
5. State Oil & Gas Lease No.
LG-4064

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL CO2 OTHER SINGLE ZONE MULTIPLE ZONE
2. Name of Operator: **Amoco Production Company**
3. Address of Operator: **P.O. Box 68 Hobbs, New Mexico 88240**
4. Location of well: UNIT LETTER **G** LOCATED **1650** FEET FROM THE **North** LINE AND **1650** FEET FROM THE **East** LINE OF SEC. **16** TWP. **19-N** REC. **35-E** W. 1/4
5A. Indicate Type of Lease: STATE FEE
5. State Oil & Gas Lease No.: **1935 1616**
6. Well No.: **Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area**
7. County: **Union**
8. Proposed Depth: **2900'**
9. Formation: **Tubb**
10. Rotary or C.T.: **Rotary**
11. Elevation (Show whether Dr. H.I., etc.): **4590' GL**
12. Kind & Status Plug. bond: **Blanket-on-file**
13. Drilling Contractor: **N/A**
14. Approx. Date work will start: _____

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30#	700'	Circulate	surface
8-3/4"	7"	20.0#	2900'	Tieback to 9-5/8" surface	

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

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-18-86
UNLESS DRILLING UNDERWAY

Mud Program: 0 - 700' Native Spud Mud
700 - TD KCL Salt Water Gel-Starch

BOP Diagram attached.

0+5-NMOCD,SF 1-J. R. Barnettt, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-WF, C 1-WF, 1-Susp, 1-CMH 1-Amerada 1-Amerigas 1-Cities Service 1-Conoco 1-CO2 in Action 1-Sun 1-Excelsior 1-Tex 1-Exxon

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCE 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.

Prepared by Charles W. Loring Title Administrative Analyst (SG) Date 9-16-85

(If no space for Signer Last)

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 9-18-85

CONDITIONS OF APPROVAL, IF ANY:

STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually operated.
2. All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
3. Bell nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock to be installed on kelly.
5. Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
6. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
7. Double or space saver type preventers may be used in lieu of two single preventers.
8. BOP rams to be installed as follows:*
 - Top preventer - Drill pipe or casing rams
 - Bottom preventer - Blind rams

*Amoco District Superintendent may reverse location of rams.
9. Extensions and hand wheels to be installed and braced at all times.
10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

