

STATE OF NEW MEXICO	
DISTRIBUTION	
SANITARY	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-221-20046

Form C-101
Revised 1-1-79

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work a. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ b. CIL ☐ GAS WELL ☒ CO2 OTHER ☐ c. Single Zone ☒ Multiple Zone ☐		2. State of New Mexico 3. State Oil & Gas Conservation Commission 4. Field and Pool, or Well Unit Und. Tubb
5. Name of Operator Amoco Production Company Address of Operator P.O. Drawer "A", Levelland, Texas 79336 Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE 1980 FEET FROM THE West LINE OF SEC. 34 TWP. 20-N RGE. 33-E NADOM		6. Name of Lessee Heimann 7. Well No. 4 8. Field and Pool, or Well Unit Und. Tubb
9. County Harding		10. Field and Pool, or Well Unit Und. Tubb
11. Proposed Depth 3640'		12. Formation Tubb
13. Rotary or C.T. Rotary		14. Approx. Date Work will start April 20, 1979
15. Elevation (Show whether DI, RT, etc.) 4893.7 GR		16. Kind & Status Prev. Bond Blanket-On File
17. Drilling Contractor N/A		18. Approx. Date Work will start April 20, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	350'	Circ to Surf	Surface
7 7/8"	4 1/2"	9.5#	2340'	Tie back to	Btm of 8 5/8"
				8 5/8"	

After drilling well, logs will be run and evaluation made. Perforating and/or stimulating as necessary in attempting commercial production.

Mud Program: 0 - 350' Native mud and water.
350' - 2640' Commercial mud to maintain good hole conditions.

BOP program is attached.

Gas is not dedicated.

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS
APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7-11-79
UNLESS DRILLING UNDERWAY

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.

by Kandy Atkins Title Administrative Analyst Date April 6, 1979
(This space for State Use)

APPROVED BY Carl Ullrich TITLE SENIOR ENGINEER DATE 4/12/79
CONDITIONS OF APPROVAL, IF ANY:

+5-NMOCD,SF 1-Susp 1-JA
1-Houston 1-RWA

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SONORA
AT AT LEAST TEN FOOT INTERVALS