

STATE OF NEW MEXICO	
DISTRIBUTION	
SANTA FE	
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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> b. CIL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 OTHER <input type="checkbox"/> c. Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		2. State of New Mexico STATE <input type="checkbox"/> COUNTY <input checked="" type="checkbox"/>
3. Name of Operator Amoco Production Company		4. Name of Lease Owner Heimann
5. Address of Operator P.O. Drawer "A", Levelland, Texas 79336		6. Well No. 4
7. 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		8. Field and Pool, or Well Unit Und. Tubb
9. County Harding		10. Proposed Depth 3640'
11. Elevation (Show whether DI, RT, etc.) 4893.7 GR		12. Formation Tubb
13. Kind & Status Prev. Bond Blanket-On File		14. Rotary or C.T. Rotary
15. Drilling Contractor N/A		16. 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 8 5/8"	Btm of 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