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# NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 1/31/81

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-1472
7. Unit Agreement Date
8. Farm or Lease Name State HO Com.
9. Well No. 1
10. Indicate Type of Well Wildcat Morrow
12. County Lea

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. Name of Operator Amoco Production Company			
3. Address of Operator P. O. Box 68 Hobbs, NM 88240			
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1942</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>16-S</u> RGE. <u>35-E</u> NMPM			
5. Proposed Depth 13100'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 4032.7' GL	
21A. Kind & Status Plug. Bond Blanket-on-file		21B. Drilling Contractor NA	
22. Approx. Date Work will start 11-3-80			

## PROPOSED 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#	400'	Circ.	Surf.
12-1/4"	9-5/8"	40#	5200'	Circ.	Surf.
8-3/4"	5-1/2"	17#, 20#, or 23#	13100'	Tie back to 9-5/8"	BTM of 9-5/8"

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

MUD PROGRAM: 0'- 400' Native mud and fresh water  
400'-5200' Native mud and brine  
5200'-TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

BOP Program Attached  
Gas is not dedicated.

0+7-NMOCD, H 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou 1-Mobil

IN 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 Benton Green Title Assist. Admin. Analyst Date 10-29-80

(This space for State Use)

APPROVED BY Leshie A. Clement TITLE Commissioner DATE 10-29-80

CONDITIONS OF APPROVAL, IF ANY:

Confirms tie back by Temp. Survey.