

**AMENDED DEPTH**

30-015-21689

NEW MEXICO OIL CONSERVATION COMMISSION  
**RECEIVED**

Form C-101  
Revised 1-1-65

MAR 10 1976

O. C. C.  
ARTESIA, OFFICE

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5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
**OG-606**

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

1a. Type of Work DRILL <input checked="" type="checkbox"/> <b>Amended Depth</b> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well 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 <b>Maralo State</b>	
2. Name of Operator <b>Harlan Oil Company</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>Box 668, Artesia, N. M.</b>		10. Field and Pool, or Wildcat <b>East Millman - Undesignated</b>	
4. Location of Well UNIT LETTER <b>D</b> LOCATED <b>330</b> FEET FROM THE <b>North</b> LINE <b>660</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>21</b> TWP. <b>19 S</b> RGE. <b>28 E</b> NMPM		12. County <b>Eddy</b>	
21. Elevations (Show whether DF, RT, etc.) <b>3477 G L</b>		19. Proposed Depth <b>1700</b>	19A. Formation <b>Queen</b>
21A. Kind & Status Plug. Bond <b>statewide active</b>		21B. Drilling Contractor <b>Jenkins Bros. Drlg Co.</b>	20. Rotary or C.T. <b>C. T.</b>
22. Approx. Date Work will start <b>in progress</b>			

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8 5/8"	24 lb	350'		surface
8"	4 1/2"	10.5 lb	1700'	approx. 50 sx	surface

We propose to continue drilling to approximately 1700' to test the Queen formation, if production is encountered will pull 8 5/8" and set 4 1/2" production string with approximately 50 sx cement. We do not anticipate gas at these depths and will not set up a blowout preventer program at this time.

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 *Stanley Hammond* Title **Agent** Date **3/9/76**

(This space for State Use)

APPROVED BY *W. A. Gressett* TITLE **SUPERVISOR, DISTRICT II** DATE **MAR 11 1976**

CONDITIONS OF APPROVAL, IF ANY:  
*Contact this office prior to cementing any casing*