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NEW MEXICO OIL CONSERVATION COMMISSION

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SEP 10 1979

O. C. C.
ARTESIA, OFFICE

30-015-23001

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name Loco Hills Welch	
c. Name of Operator HARVEY E. YATES COMPANY ✓		9. Well No. 2	
d. Address of Operator P. O. Box 1933, Roswell, N. M. 88201		10. Field and Pool, or Wildcat Und. S. Empire Morrow	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>4</u> TWP. <u>18S</u> RGE. <u>29E</u> NMPM		12. County Eddy	
11. Elevations (Show whether DE, RL, etc.) 3521.2' GL		19. Proposed Depth 11,400'	20. Rotary or C.T. Rotary
21A. Kind & Status Plug, Bond Blanket	21B. Drilling Contractor Moranco	22. Approx. Date Work will start Aug. 15, 1979	

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#	350'	475 Sx	Circulate
12 1/4"	8 5/8"	24#, 28#	3000'	1300 Sx	Circulate
7 7/8"	5 1/2"	17#, 20#	11,400'	1500 Sx	600' above productive zones

BOP: Schematic attached.

This acreage is not dedicated to a gas purchaser.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-12-79

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Harvey E. Yates Title Vice President Date June 29, 1979

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 12 1979

CONDITIONS OF APPROVAL, IF ANY:

notify this office if waterflow is encountered