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# NEW MEXICO OIL CONSERVATION COMMISSION

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DEC 13 1979

O. O. G.

30-015-23165

Form C-101  
Revised 1-1-65

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. State Oil & Gas Lease No. B - 5984
Name of Well WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name <del>Red Lake - Red Lake Sand Unit</del>
Name of Operator Holly Energy Inc. ✓		8. Farm or Lease Name State 30 Conn.
Address of Operator P. O. Box 726, Artesia, New Mexico 88210		9. Well No. # 1
Location of Well UNIT LETTER <u>A</u> LOCATED <u>660'</u> FEET FROM THE <u>North</u> LINE AND <u>840'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>17S</u> RGL. <u>28E</u> NMPM		10. Field and Pool, or Wildcat <u>Wildcat</u>
		12. County Eddy
		19. Proposed Depth 10,000'
		19A. Formation Morrow
		20. Rotary or C.T. Rotary
11. Elevations (Show whether DF, RT, etc.) 3565.4		22. Approx. Date Work will start As soon as possible after application is approved.
21A. Kind & Status Plug. Bond State Wide		21B. Drilling Contractor Hondo

## 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'	400 sx	Circulate
12 1/4"	8 5/8"	24#	1950'	950 sx	Circulate
7 7/8"	5 1/2"	17#	TD		Cement w/sulfate resistant cement to cover all productive zones.

The 13 3/8" casing will be set at approximately 400' with 200 sx of 50/50 lite Pos #3 and 200 sx of Class C 2% CaCl cement and circulate to surface. After waiting 18 hours we will drill out with 12 1/4" bit to a approximate depth of 1950'. The 8 5/8" casing will be cemented with 750 sx of 50/50 lite Pos #3 and 200 sx of Class C 2% CaCl cement and circulated. After waiting 18 hours casing will be tested to 1500# PSI and held for 30 minutes. Drill out to approximately 10,000' and set 5 1/2" 17# casing and cement to cover all productive zones.

Gas is not dedicated.

APPROVAL VAND  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED.

EXPIRES 5-7-80

IF 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 Robert Loyd Title Field Supervisor Date 11-13-79

(This space for State Use)

APPROVED BY W. A. Gressett SUPERVISOR, DISTRICT A DATE FEB 7 1980

CONDITIONS OF APPROVAL, IF ANY:

Subject to case 6791

NSL-R 6242

Cement must be circulated to surface behind 13 3/8" 48# casing