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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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.
LG1639

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		NA	
2. Name of Operator		8. Farm or Lease Name	
HYTECH ENERGY CORPORATION		Dalco	
3. Address of Operator		9. Well No.	
400 Wilco Building, Midland, Texas 79701		1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>#1 //</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE		Wildcat	
AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>105</u> RGE. <u>34E</u> NMPM			
		12. County	
		Lea	
		19. Proposed Depth	
		10500	
		19A. Formation	
		Bough Zone	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4152.9 G.L.		Verna Drilling Co.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Single Well/Current		12-12-77	

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	500	Surface
12 1/4	8 5/8	24 & 32	4100	300	3100
7 7/8	5 1/2	15.5 & 17	10,500	700	6000

1. Drill 17 1/2" hole to 400' (through fresh water zones) cement 13 3/8" csg. (circulate).
2. Test casing to 1000 PSI for 30 minutes.
3. Drill 12 1/4" hole to 4,100. Cement 8 5/8" casing with sufficient volume of cement to bring from top of the salt or anhydrite to the surface casing. Test to 1,500 PSI for 30 minutes.
4. Drill 7 7/8" hole to 10,500 , run and cement 5 1/2" casing with sufficient cement to fill annulus above any producing zone.
5. Proper blow-out preventor will be used of sufficient capacity to meet all down hole conditions and will be tested not less than once each 24 hours.

*** Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing. You can do this by either circulating the intermediate casing with cement, or a DV tool at the top of the salt.

APPROVAL VALID

IN 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 [Signature] Title Area Manager

Date 3-18-78

(This space for State Use)

SUPERVISOR DISTRICT I

DATE 11-16-77

APPROVED BY [Signature] TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

17 1977

OIL CONSERVATION COMM.
HOBBS, N. M.