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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.
LG 3379

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
3. Address of Operator		10. Field and Pool, or Wildcat	
4. Location of Well		12. County	
UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		<u>Lea</u>	
AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>24S</u> RGE. <u>33E</u> NMPM			
21. Elevations (Show whether DF, RT, etc.)		20. Rotary or C.T.	
3627 Gr		Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		May 10, 1979	
21B. Drilling Contractor			
Delta Drilling Co.			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	800'	750	Surface
14-3/4"	10-3/4"	40.5 & 45.5#	5250'	4550	Surface
9-1/2"	7-5/8"	29.7 & 33.7#	12,500'	1780	Surface
6-1/2"	5"	23.2#	15,800'	450	12,200'

Propose to drill 20" hole to 800' without BOPs. Set 16" casing and cement to surface. Install temporary 16" API 3000 psi casing flange. Nipple up 16" API 3000 psi Hydril. Test casing to 600 psi. Drill 14-3/4" hole to 5250' using brine water. Set 10-3/4" casing and cement to surface or at least tie-back to 16" casing. Cut off temporary flange on 16" casing. Install 10" API 5000 psi casing flange on 10-3/4" casing. Nipple up 13-5/8" API 5000 psi double BOP with pipe rams & blind rams, 13-5/8" API 5000 psi Hydril. Drill 9-1/2" hole to 12,500' using fresh water and brine water. Set 7-5/8" casing and cement in two stages. Calculate cement volume to circulate to surface. If cement does not circulate, run temperature survey to be sure that cement is tied back inside 10-3/4" casing. Install 10" API 5000 psi x 7-1/6" API 10,000 psi tubing spool. Nipple up 11" API 10,000 psi double BOP, double studded adapter, 13-5/8" API 5000 psi Hydril. Drill 6-1/2" hole to 15,800' using weighted mud system. Maximum anticipated mud weight is 15 ppg at 15,800'. Run 5" liner and cement same in one stage if well looks commercial.

Operator's gas is not dedicated to purchaser.

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 Steve A Douglas Title Engineer Date 4-27-79

(This space for State Use)

APPROVED BY George L. Loh TITLE SUPERVISOR DISTRICT 1 DATE APR 30 1979

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, JWH, MEC, JBH, JWJ, NMOCD, FILE