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NEW MEXICO OIL CONSERVATION COMMISSION

DEC 29 '88

O. C. D.
ARTESIA OFFICE

30-015-26056
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.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator H. L. Brown, Jr.			
3. Address of Operator P. O. Box 2237, Midland, Texas 79702			
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1800' 1550</u> FEET FROM THE <u>South</u> LINE AND <u>660'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>8</u> TWP. <u>21-S</u> RGE. <u>27-E</u> NMPLA			
5. Unit Agreement Name State Comm "8"		6. Firm or Lease Name	
7. Well No. 1		8. Field and Pool, or Wildcat Wildcat Division Burton Flat Cherry Canyon	
9. County Eddy		10. Rotary or C.T. Rotary	
11. Proposed Depth 3800'		12. Approx. Date Work will start 1-20-89	
13. Elevations (Show whether DF, RT, etc.) 3231.6' GR (meas.)		14. Kind & Status of Plug Bond Not selected as yet	
15. Drilling Contractor Not selected as yet			

23. 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#	600'	280	Surface
12 1/4	8 5/8	15.5#	2600'	---	--- Circ
7 7/8	5 1/2	15.5#	3800'	350	2600'

The proposal is to drill a 17 1/2" hole to 600' and set 600' of 13 3/8" OD 48# casing and circulate cement to surface. If cement will not circulate, cement will be brought to surface by topping out. A 12 1/4" hole will be drilled to 2600'. If lost circulation zones are encountered, an optional 8 5/8" casing string may be set at 2600' and cemented with 500 sacks. If lost circulation is not encountered, a 7 7/8" hole will be drilled from 2600' to TD at 3800'. Open hole logs will be run and 5 1/2" casing will be set at 3800'. The casing will be cemented with sufficient volume to fill the annulus to 2600'. Cased hole logs will be run and the Cherry Canyon will be perforated at approximately 3550'-3700'. Completion of the interval is expected to include a 500 gallon acid treatment followed by a 20,000 gallon frac treatment.

PROPOSED 180 DAYS
1-27-89

180 DAYS
7/24/89

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 Ron Divine Title Ron Divine - Production Engineer Date 12-28-88

(This space for State Use)

Original Signed By

APPROVED BY Mike Williams TITLE _____ DATE JAN 24 1989

CONDITIONS OF APPROVAL, IF ANY:

Pending NSL Approval

12 1/4 18 1/2 casing