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NEW MEXICO OIL CONSERVATION COMMISSION

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. N/A
7. Unit Agreement Name None
8. Farm or Lease Name J. V. Reed
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Lea
19. Proposed Depth 10,800
19A. Formation Kemnitz-Townsend (Penn.)
20. Rotary or C.T. Rotary
21B. Drilling Contractor Wharton
22. Approx. Date Work will start 12/ 5/78

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well 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"/>
c. Name of Operator Harper Oil Company
d. Address of Operator 2004 Wilco Bldg. Midland, Texas 79701
e. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE ND 660' FEET FROM THE west LINE OF SEC. 25 TWP. 15S RGE. 35E NMPM
f. Elevations (Show whether DF, RT, etc.) 39 1/2 Grd.
21A. Kind & Status Plug. Bond \$50,000. blanket
21B. Drilling Contractor Wharton

57-76-393 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	Circulate	Surface
11"	8 5/8	32#	4700	200	4100
7 7/8	5 1/2	17#	10800	250	9,000

The following blowout preventer equipment will be used on this hole:

1. Double 12" type "C" Shaefer BOP w/ set of blanks and set of 4 1/2" pipe rams
2. Annular 10" GK Hydril - will close on anything
3. 3000# working pressure manifold
4. 2-4" Cameron Type L valves on choke manifold
5. 2-2" 1 positive & 1 adjustable choke on manifold
6. 2" fill up line with 2" type F valves
7. 7 station Koomey accumulator w/remote stand

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

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.

Signature: <u>Norman K. Barker</u> Title: <u>Manager</u> Date: <u>11/28/78</u>
(This space for State Use)
PROVED BY: <u>[Signature]</u> TITLE: <u>SUPERVISOR DISTRICT 1</u> DATE: <u>DEC -1 1978</u>
CONDITIONS OF APPROVAL, IF ANY: <u>***SEE ABOVE</u>