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5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
LG - 5419

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐		East Hightower	
2. Name of Operator		8. Farm or Lease Name	
Harper Oil Company		Frier	
3. Address of Operator		9. Well No.	
904 Hightower Building, Oklahoma City, Oklahoma 73102		1	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>29</u> TWP. <u>12S</u> RGE. <u>34E</u> N34PM		10. Field and Pool, or Wildcat Hightower East	
		12. County	
		Lea	
		19. Proposed Depth	
		10,400'	
		19A. Formation	
		Pennsylvanian	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4194.1 GL		Warton Drilling	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
50,000.00 Blanket		November 7, 1979	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13 5/8"	48#	360'	375 sks	Surface
12½"	8 5/8"	24# & 28#	4,200'	2600 sks	Surface

The following BOP equipment will be used on this well:

- 5000# W.P. Double Ram Preventor.
- 3000# W.P. Annular Preventor (Hydril).
- 4" x 2" 5000# W.P. choke and kill manifold.
- Koomey accumulator and valves with remote stand.

APPROVAL VALID
FOR 90 DAYS FROM
DRILLING COMMENCED,EXPIRES Feb. 4, 1980

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 Ted Duncan Title Drilling Manager Date November 2, 1979

(This space for State Use)

Geologist

APPROVED BY John W. Runyan TITLE _____ DATE NOV 6 1979

CONDITIONS OF APPROVAL, IF ANY: