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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
E-2109

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 ☐		East Hightower	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		8. Farm or Lease Name	
2. Name of Operator Harper Oil Company		Seay	
3. Address of Operator 904 Hightower Building Oklahoma City, Oklahoma 73102		9. Well No. 2	
4. Location of Well UNIT LETTER <u>P-9</u> LOCATED <u>1980-1920</u> FEET FROM THE <u>East</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>30</u> TWP. <u>12S</u> RGE. <u>34E</u> NMPM		10. Field and Pool, or Wildcat E. Hightower Lower Penn	
11. Elevations (Show whether DF, KT, etc.) <u>4209.8</u>		12. County Lea	
21A. Kind & Status Plug. Bond 50,000.00 Blanket		19. Proposed Depth 10,500'	
21B. Drilling Contractor Warton Drilling		19A. Formation Pennsylvanian	
22. Approx. Date Work will start August 7, 1980		20. Rotary or C.T. Rotary	

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#	360'	375 sacks	Surface
12 1/4"	8 5/8"	24# & 28#	4,200'	2600 sacks	Surface
7 7/8"	5 1/2"	17#	10,500'	500 sacks Class C	8500'

The following BOP equipment will be used on this well:

1. 5000# W.P. Double Ram Preventor
2. 3000# W.P. Annular Preventor
3. 4" x 2" 5000# W.P. Choke Manifold
4. Koomey accumulator and valves w/remote stand

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11/7/80

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.

By Ed Duncan Title Drilling Manager Date August 1, 1980

(This space for State Use)

SUPERVISOR DISTRICT 3

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUN 4 1980

AMERICAN OVERSIGHT, INC.