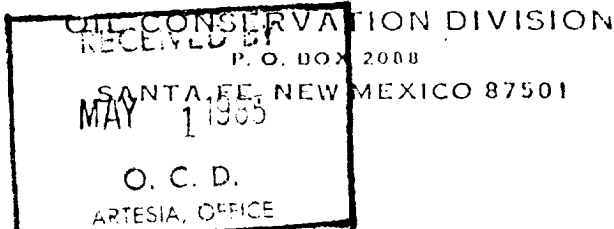


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	✓



Form C-101
Revised 10-1-78
30-015-25284
5A. Indicate Type of Lease
STATE ☐ FEED ☒

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Harroun "A"
2. Name of Operator The Eastland Oil Company ✓		9. Well No. 5
3. Address of Operator P. O. Drawer 3488 Midland, Texas 79702		10. Lease and Pool, or Wildcat Herradura Bend (Delaware)
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>2200</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>22S</u> RGE. <u>28E</u> NMPM		17. County Eddy
19. Proposed Depth 2600		19A. Formation Delaware
20. Kind & Status Plug. Bond Blanket on file		20. Policy or C.T. Cable Tools
21. Elevations (Show whether DF, RT, etc.) 3044' GR		21B. Drilling Contractor Hopi Drilling Co.
		22. Approx. Date Work will start June 1, 1985

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8 5/8"	24#	350'	250 Sx Class C	Circulate
8"	4 1/2"	9.5#	2500'	200 Sx 50-50	Circulate
				poz-mix	
				250 Sx Lite	

Drill 8" hole to top of first Delaware sand at approx 2500' and reduce hole to 6" to drill in. Set 4 1/2" csg. on top of sand with packer shoe and complete open hole.

Control head installed on 8 5/8" surface casing.

Gamma Ray Log will be run from total depth to bottom of surface casing.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-2-85
UNLESS DRILLING UNDERWAY
posted 10' APR 24 1985

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 George D. Neal Title Vice President - Production Date April 30, 1985

(This space for State Use)

Original Signed By

Mike Williams

Oil & Gas Inspector

APPROVED BY _____ DATE MAY 2 1985

CONDITIONS OF APPROVAL, IF ANY: