

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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SEP 19 1986

O. C. D.

Form C-101

38-215-25656

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

L-4053

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 ☐		8. Farm or Lease Name Loco Hills 14	
2. Name of Operator HARVARD PETROLEUM CORPORATION		9. Well No. #1533	
3. Address of Operator P.O. Box 936, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Ind. Milman-Grandberg	
4. Location of Well UNIT LETTER P LOCATED 983 FEET FROM THE South LINE AND 861 FEET FROM THE East LINE OF SEC. 14 TWP. 19 South R. 27 East N.M.P.M.		12. County Eddy	
19. Proposed Depth 2000'		19A. Formation Grayberg	
20. Holiday or C.T. R.T.		21. Elevations (show whether DE, KT, etc.) 3438'	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Rio Grande	
22. Approx. Date Work will start 9-19-86			

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24#	300	200	
7 7/8	4 1/2	950#	1900	250	

PROPOSE TO DRILL 12 1/4" HOLE TO 300'
 RUN 300' 8 5/8 24# CASING
 CEMENT WITH 300 SKS CLASS "C" WITH 2% CALCL
 CIRC CEMENT TO PIT
 NIPPLE UP AND PRESSURE TEST BOP TO 1000# FOR 30 MINUTES
 DRILL 7 7/8" HOLE TO 2000'
 RUN 2000' OF 4 1/2" 10.50# CASING
 CEMENT WITH 100 SKS CLASS "C" WITH 2% CALCL AND 150 SKS HALLIBURTON LITE
 CIRC CEMENT TO PIT
 COMPLETION TO BE DETERMINED

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 3-24-87
 UNLESS DRILLING UNDERWAY

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.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Bill J. Milstead Title BILL J. MILSTEAD, Land Manager Date September 18, 1986

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY Oil & Gas Inspector

DATE SEP 24 1986

CONDITIONS OF APPROVAL, IF ANY

10. C.C. in sufficient

from cementing

1. 85# casing