

NO. OF PERMITS RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATION	

RECEIVED
SANTA FE, NEW MEXICO 87501
JAN 27, BOX 2088

FEB 10 1987

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease
STATE ☒ FULL ☐
5. State Oil & Gas Lease No.
LG - 5564

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
a. Type of Well
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐
b. Name of Operator
Harvard Petroleum Corporation

2. Address of Operator
P.O. Box 936 Roswell, New Mexico 88201

3. Location of Well
UNIT NUMBER M LOCATION 660' FACE FROM THE WEST LINE

4. Direction of Well
990 FEET FROM South LINE OF 34' 58' 22E

6. Unit Agreement No.
7. Name of Lease
Queso State
8. Well No.
#1
9. Field No.
West Pecos Abo
10. Field No.
Chaves

11. Proposed Depth 3800'
12. Location Abo
13. Rotary
14. Estimated Time to Complete (GL - 4081)
15. Kind of Mud (Blanket)
16. Drilling Contractor (Rio Grande Drilling)
17. Approval Date (Feb. 12, 1987)

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#	1900'		Surface
7 7/8	4 1/2	10.5#	3600'		

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8/10/87
UNLESS DRILLING UNDERWAY

1. 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 Jeffery Harvard Title Vice - Pres. Operations Date Feb. 10, 1987

(This space for State Use)

APPROVED BY Danell Moore TITLE Geologist DATE 2/10/87
CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

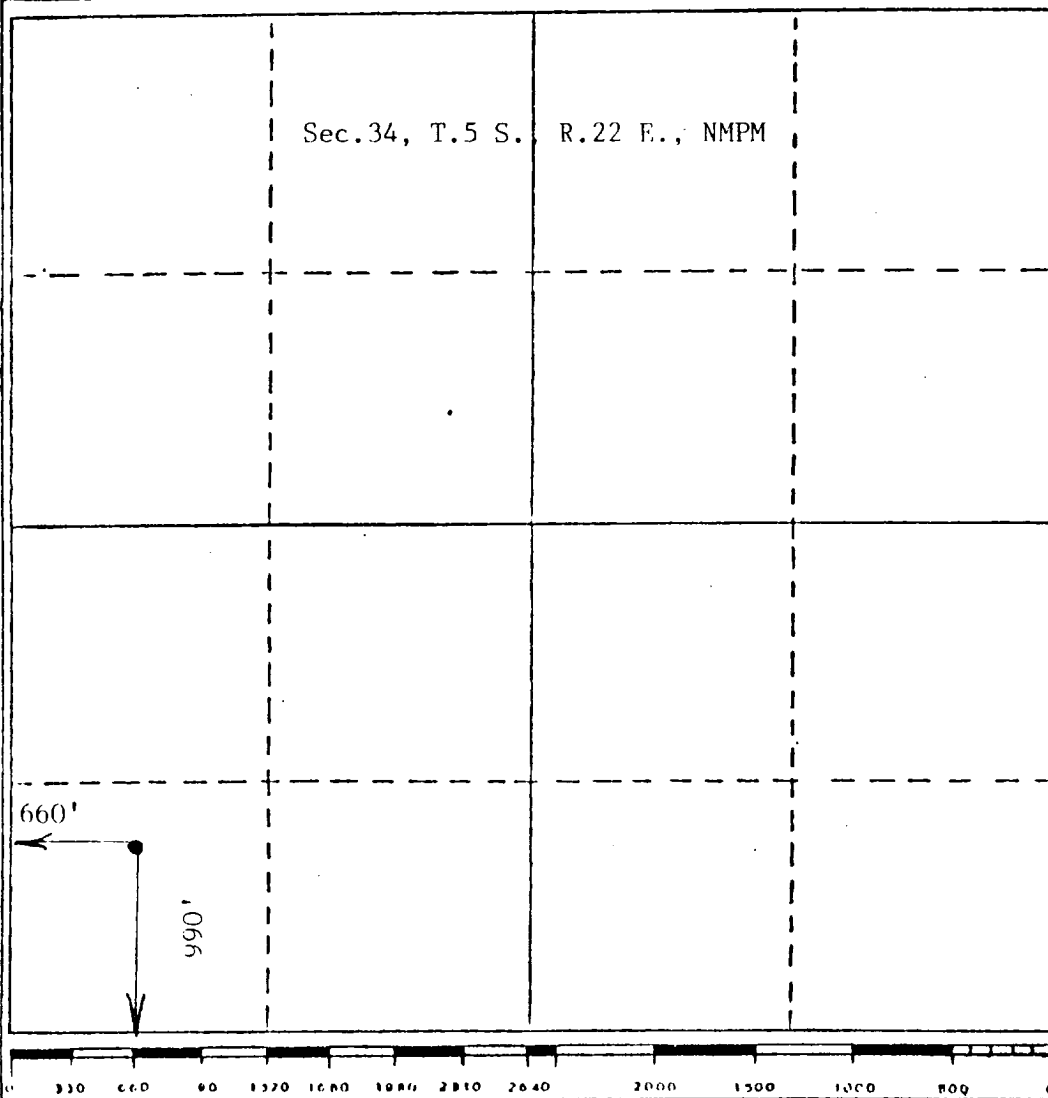
Operator Harvard Petroleum Corporation			Lease Querc State		Well No. 1
Unit Letter M	Section 34	Township 5 South	Range 22 East	County Chaves	
Actual Footage Location of well: 990 feet from the South line and 660 feet from the West line					
Ground Level Elev. 4081	Producing Formation Aco	Pool Und W. Texas Shale	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatch marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Name
J.D.

Position
HARVARD PET

Company
2/10/87

Date

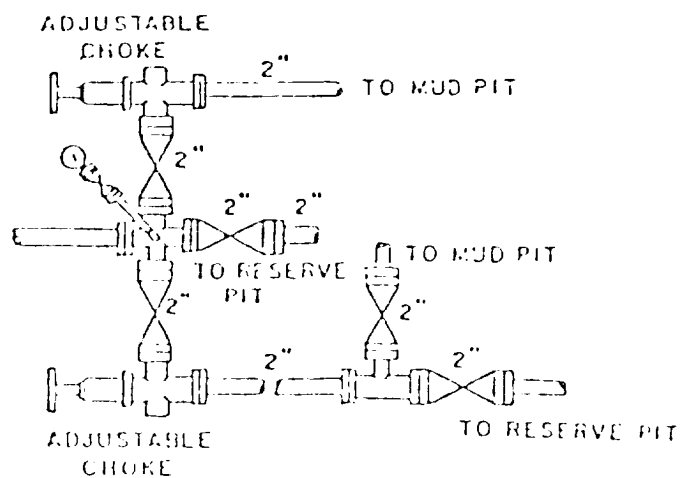
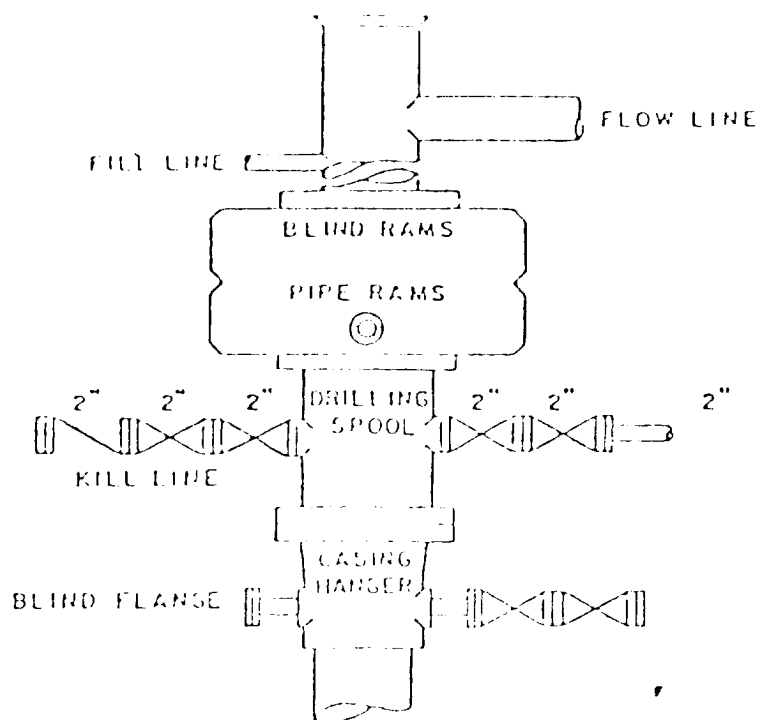
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
February 10, 1987

Registered Professional Engineer and/or Land Surveyor
6290

John D. Jaquess, P.E. & L.S.

Certificate No. 6290



BOP DIAGRAM

3000# Working Pressure
Rams Operated Daily

EXHIBIT 10