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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED BY
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O. C. D.
ARTESIA OFFICE

Form C-101

Revised 1-1-85

38-805-63469

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG - 5564

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Queso State
2. Name of Operator Harvard Petroleum Corporation		9. Well No. #3
3. Address of Operator P.O. Box 936 Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Undesignated West Pecos Abo Slope
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE East LINE AND 1372 FEET FROM THE South LINE OF SEC. 34 TWP. 5S RGE. 22E NMPM		12. County Chaves
19. Proposed Depth 3800'		19A. Formation Abo
20. Elevation (Show whether DF, RL, etc.) GL. - 4063		20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket <input checked="" type="checkbox"/>		21B. Drilling Contractor Rio Grand Drilling
		22. Approx. Date Work will start March 30, 1987

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#	900'	850 SX	Surface
7 7/8	4 1/2	10.5#	3600' 4500'	1250 SX	
				1575	

Mud Program - Fresh Water to 900'. Gelled water to TD.
BOP installed on 8 5/8 casing.

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FOR 180 DAYS
9-27-87
DURING UNDERWAY

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 Jeff Harvard Title Vice Pres. Operations Date March 16, 1987

(This space for State Use)

Original Signed By
Mike Williams

MAR 27 1987

APPROVED BY Mike Williams TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY Oil & Gas Inspector

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

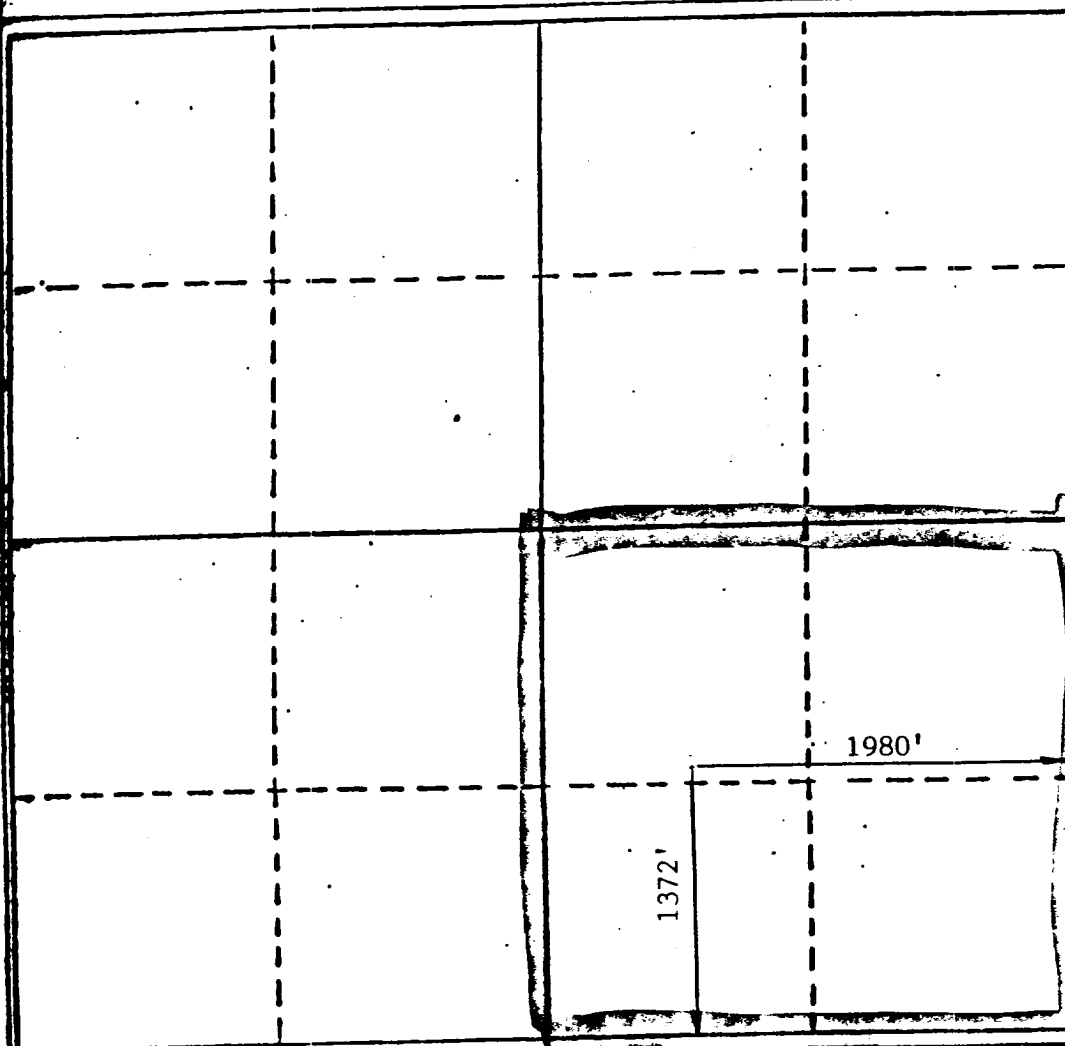
Operator Harvard Petroleum Corporation			Lease Queso State		Well No. #3
Unit Letter J	Section 34	Township 5 South	Range 22 East	County Chaves	
Actual Well Location of Wells 1372 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 4063	Producing Formation Abo		Pool 11th St. Pool	Dedicated Acreage 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 _____

Position _____

Vice - Pres. Operations

Company _____

Harvard Petroleum Corp.

Date _____

March 16, 1987

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.

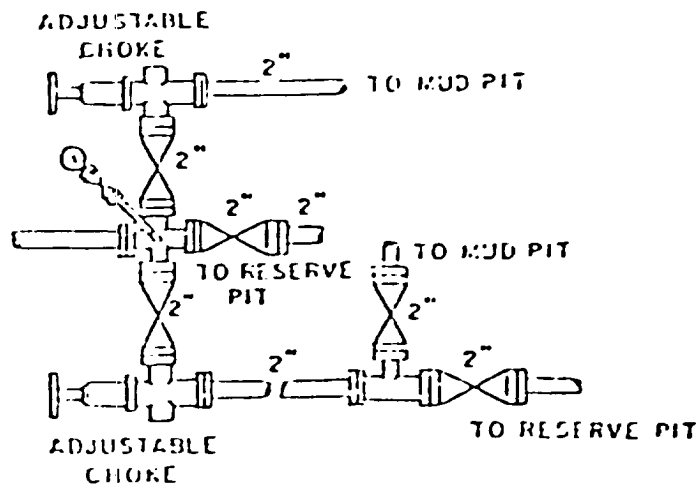
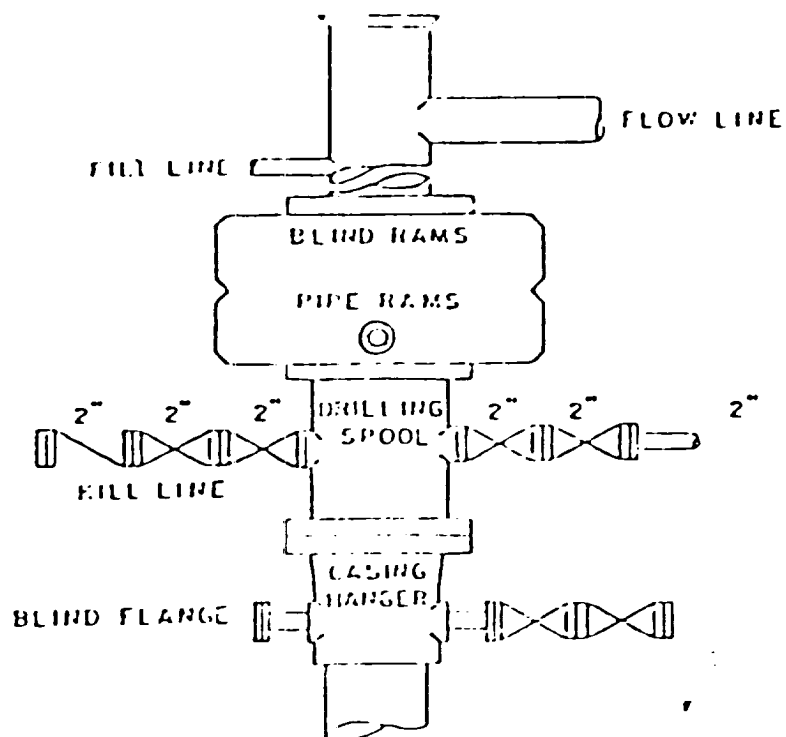
Date Surveyed _____

Registered Professional Engineer and a Land Surveyor

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

Certificate No. 6290

330 440 550 1370 1650 1980 2310 2640 3000 1500 1000 500



BOP DIAGRAM

3000# Working Pressure
Rams Operated Daily

EXHIBIT 11