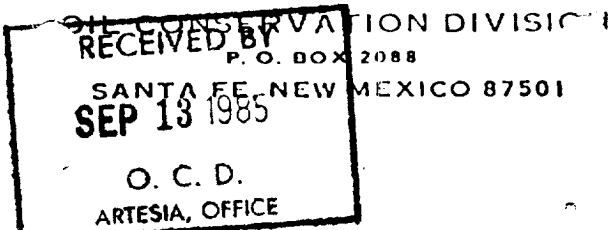


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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



30-015-25285
Form C-101
Revised 10-1-78

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
LG-2719-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Barbie State
c. Name of Operator Harvard Petroleum Corporation		9. Well No. 1
d. Address of Operator P.O. Box 936 Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Artesia, Q, GB, SA
e. Location of Well UNIT LETTER C LOCATED 330 FEET FROM THE North LINE 2310 FEET FROM THE West LINE OF SEC. 13 TWP. 19S RGE. 27E NMPM		12. County Eddy
19. Proposed Depth 3,000'		19A. Formation San Andres
20. Rotary or C.T. Rotary		
1. Elevations (Show whether DF, KI, etc.) 3468 G.L.	21A. Kind & Status Plug. Bond Blanket Bond	21B. Drilling Contractor Salazar Brothers Drilling
22. Approx. Date Work will start 9/20/85		

3. 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#	350'	CIRC	
7 7/8"	4 1/2"	9.5#	3000'	400	

PROPOSE TO DRILL 12 1/4" HOLE TO 350'.
RUN 350' 8 5/8" 24# CASING.
CEMENT WITH 350 SKS CLASS "A" CEMENT WITH 2% CALCL.
CIRC CEMENT TO PIT.
NIPPLE UP AND PRESSURE TEST BOP TO 1000# FOR 30 MINUTES.
DRILL 7 7/8" HOLE TO 3000'.
RUN 3000' OF 4 1/2" 9.5# CASING.
CEMENT WITH 400 SKS CLASS "A" CEMENT WITH 2% CALCL.
COMPLETION TO BE DETERMINED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-16-86
UNLESS DRILLING UNDERWAY
Posted 9-20-85

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Les A. Clements Title ENG & OPERATIONS Date 9/12/85

(This space for State Use)

Original Signed By
Les A. Clements
Supervisor District II

PROVED BY _____ DATE SEP 16 1985

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 10-100
Supersedes 10-100
Effective 1-1-85

All distances must be from the outer boundaries of the Section

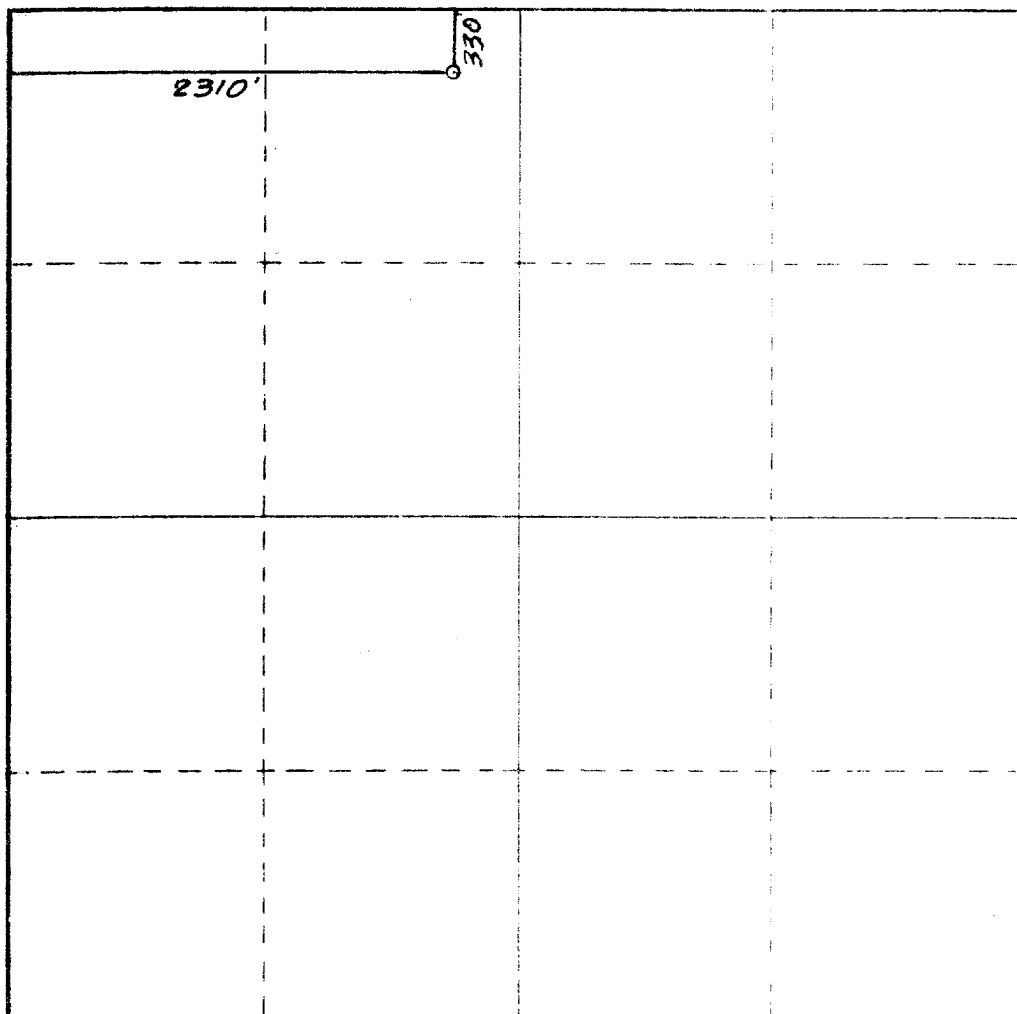
Operator HARVARD PETROLEUM CORPORATION		Lease Barbie State		Well No. 1
Uplift Letter C	Section 13	Township 19 South	Range 27 East	County Eddy
Actual Footage Location of Well: 330 feet from the North line and 2310 feet from the West line				
Ground Level Elev. 3468.	Producing Formation SA	Pool Artesia-Q-G-SA	Estimated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Commission.



CERTIFICATION

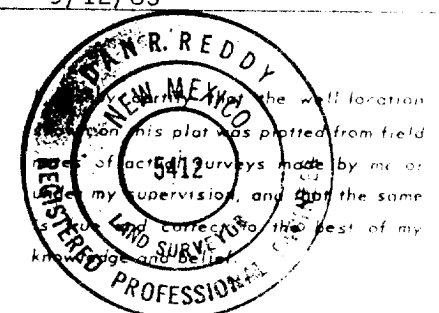
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Jeffrey L. Harvard
Name
Jeffrey L. Harvard

Position
ENG. & OPERATIONS

Company
Harvard Petroleum Corp.

Date
9/12/85



Date Surveyed
September 4, 1985

Registered Professional Land Surveyor
Dan R. Reddy

NM PE&LS NO. 5412