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RECEIVED BY O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
**NOV 19 1985**  
O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
LG-2676

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work  
DRILL  DEEPEN  PLUG BACK

2. Type of Well  
OIL WELL  GAS WELL  OTHER

3. Name of Operator  
Harvard Petroleum Corporation ✓

7. Unit Agreement Name

8. Part of Lease Name  
Barbie State

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

6. Location of Well  
UNIT LETTER E LOCATED 2310 FEET FROM THE North LINE  
990' FEET FROM THE West LINE OF SEC. 13 TWP. 19S RGE. 27E NMPM

9. Well No.  
#3

10. Field or Lease Name  
Artesia, O, GB, SA

17. County  
Eddy

19. Proposed Depth 2000'	19A. Formation Grayburg	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket Bond	21B. Drilling Contractor Salazar Brothers Drilling	22. Approx. Date Work will start 1/15/86

11. 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#	310'	200	
7 7/8"	5 1/2"	15.50#	2000'	250	

PROPOSE TO DRILL 12 1/4" HOLE TO 310'  
RUN 310' 8 5/8" 24# CASING  
CEMENT WITH 200 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 5 1/2" 15.50# CASING  
CEMENT WITH 100 SKS CLASS "C" WITH 2% CALCL AND 150 SKS HALLIBURTON LITE  
CIRC CEMENT TO PIT  
COMPLETION TO BE DETERMINED

Posted  
ID-1, API,  
NL  
11-22-85

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 6-21-86  
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 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.  
Bill J. M. M. M. Title Land Manager Date 11/18/85  
(This space for State Use)

Original Signed By Mike Williams DATE NOV 21 1985  
Oil & Gas Inspector

Notify N.M.O.C.C. in sufficient time to witness  
8 7/8 "

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

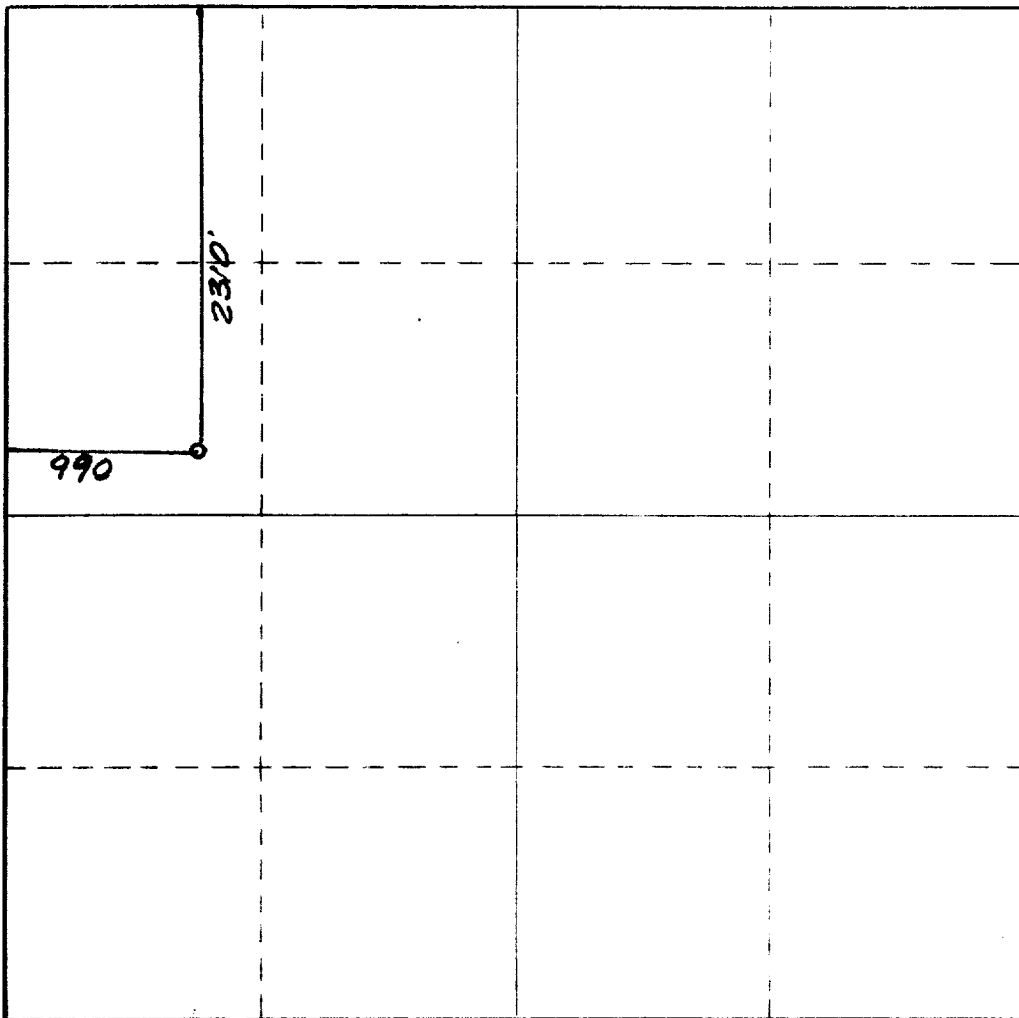
Operator <b>O. C. D. HARVARD PETROLEUM CORPORATION</b> ARTESIA, OFFICE		Lease Barbie State		Well No. 3
Unit Letter E	Section 13	Township 19 South	Range 27 East	County Eddy
Actual Footage Location of Well: 2310 feet from the North line and 990 feet from the West line				
Ground Level Elev. 3466.	Producing Formation Grayburg	Pool <i>Und. W. Wellborn Barbie</i> Artesia, O, GB, SA		Dedicated Acreage: 40 Acres

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.

*Janet L. Adams*  
Name

Janet L. Adams  
Position  
Agent

Harvard Petroleum Corp.  
Company

November 18, 1985  
Date

*I hereby certify 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 are true and correct to the best of my knowledge and belief.*

**DAN R. REDDY**  
NEW MEXICO  
REGISTERED PROFESSIONAL ENGINEER  
5412

November 18, 1985  
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*  
Certificate No.

NM PE&LS NO. 5412

