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NOV 19 1985
SANTA FE, NEW MEXICO 87501
O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-2676

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
2. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Barbie State
3. Name of Operator Harvard Petroleum Corporation ✓		9. Well No. #2
4. Address of Operator P.O. Box 936, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Artesia, GB
5. Location of Well UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE 2310 FEET FROM THE West LINE OF SEC. 13 TWP. 19S RGE. 27E NMPM		17. County Eddy
19. Proposed Depth 2,000'		19A. Formation Grayburg
20. Rotary or C.T. Rotary		
6. Elevations (Show whether DF, KT, etc.) 3463 GL	21A. Kind & Status Plug. Bond Blanket Bond	21B. Drilling Contractor Salazar Brothers Drilling
22. Approx. Date Work will start 12/15/85		

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 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 Billy M. Steele Title LAND MANAGER Date 11/18/85
(This space for State Use)

Original Signed By
Mike Williams

NOV 21 1985

APPROVED BY _____ TITLE _____
Oil & Gas Inspector

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness

8 3/8 "

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NOV 19 1985

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLATForm C-102
Supersedes C-128
Effective 1-1-85

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

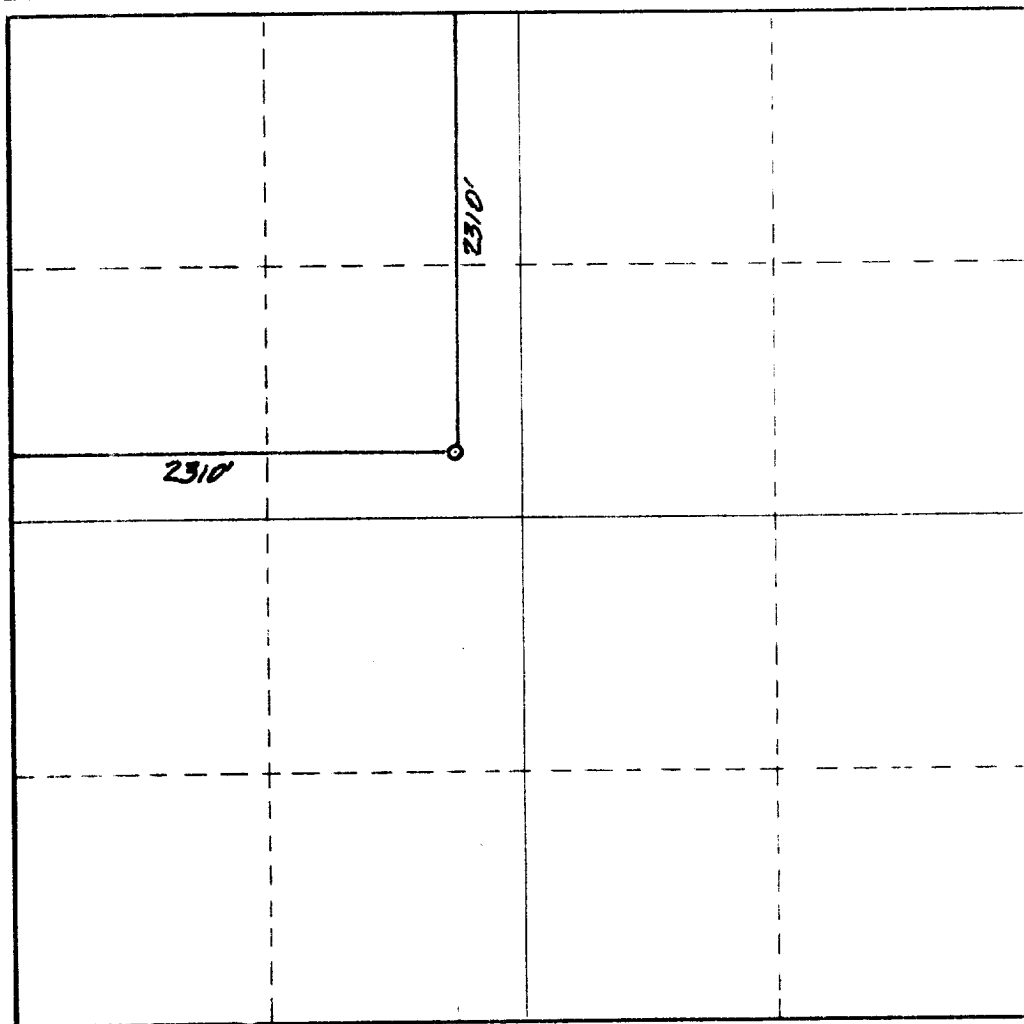
Operator O. C. D. HARVARD PETROLEUM CORPORATION		Lease Barbie State		Well No. 2
Unit Letter F	Section 13	Township 19 South	Range 27 East	County Eddy
Actual Footage Location of Well: 2310 feet from the North line and 2310 feet from the West line				
Ground Level Elev. 3463.	Producing Formation Grayburg	Pool Artesia, Q, 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.

Name

Janet L. Adams

Position

Agent

Company

Harvard Petroleum

Date

November 18, 1985

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

November 18, 1985

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

NM PE&LS NO. 5412

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0