

Drawer DD

Artesia, NM 8 10

SUBMIT IN T I CATE*
(Other instructions on
reverse side)

30-005-62509
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE RECEIVED BY
ZONE ☒ ZONE ☒

JUL - 6 1987

O. C. D.

2. NAME OF OPERATOR

Harvard Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 936, Roswell, NM 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface
1650' from North line & 990 from West Line,
At proposed prod. zone Section 26, T6S, R23E, Chaves County, NM
U. E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990 feet

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1st well

on lease

19. PROPOSED DEPTH

3600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4148' GR

22. APPROX. DATE WORK WILL START*

July 1, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

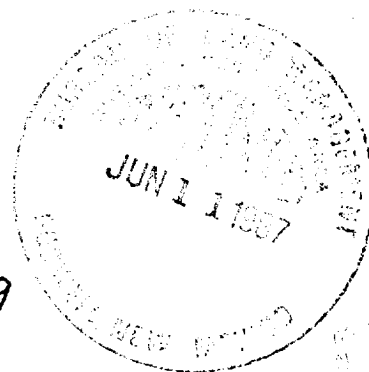
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24	900' / 1200'	850 AF. See Drilling Slip
7 7/8	4 1/2	10.5	3600'	1200 AF.

B.O.P. sketch is attached.

Gas is not dedicated.

Exp Int
1-30-96

30-005-62509



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

S/Phil Kirk

Area Manager

JUL 2 1987

APPROVED BY
CONDITIONS

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR
CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE
TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD
ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

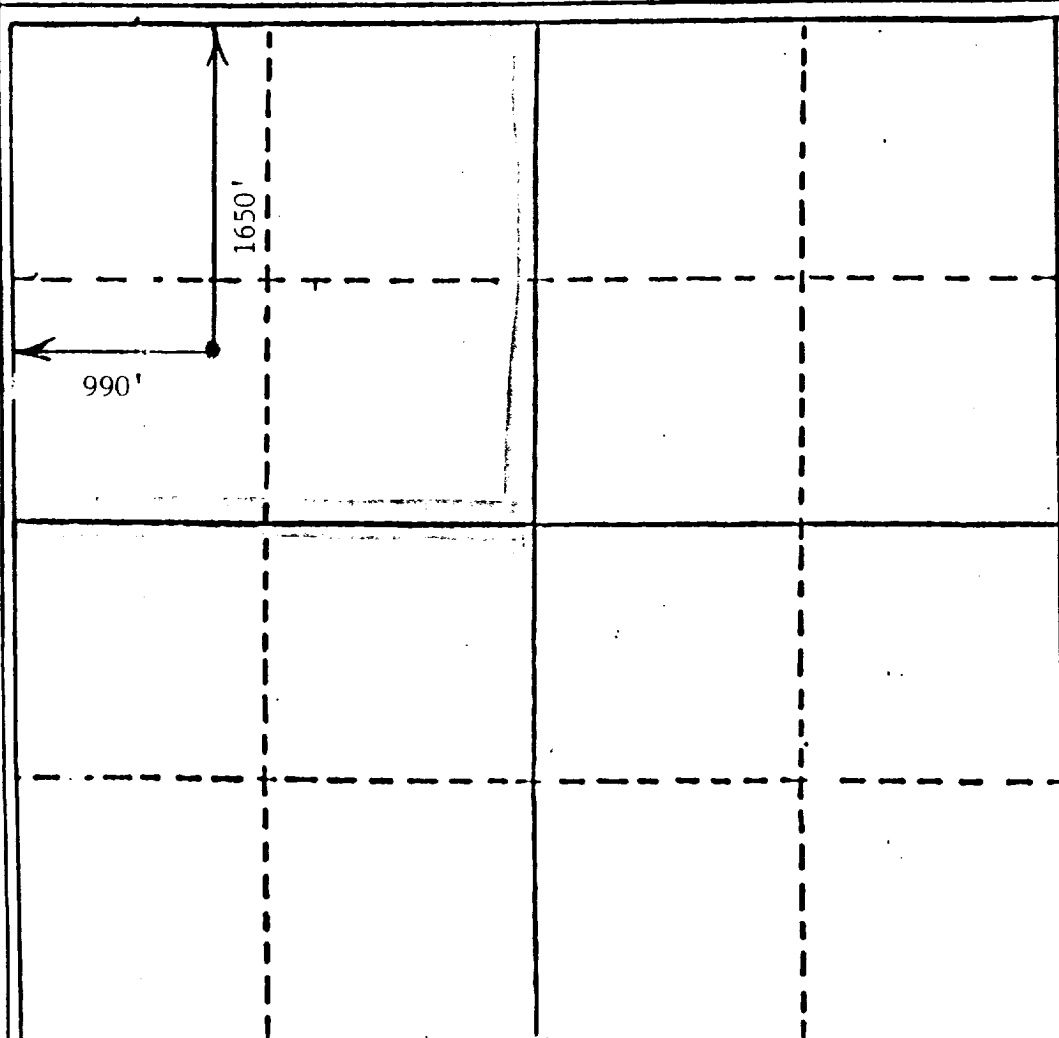
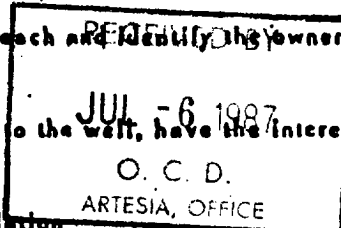
Operator HARVARD PETROLEUM CORP.		Lease Maleda Federal		Well No. 11
Unit Letter E	Section 26	Township 6 SOUTH	Range 23 EAST	County CHAVES
Actual Wellbore Location of Well				
990 feet from the WEST line and		1650 feet from the NORTH line		
Ground Level Elev. 4148	Producing Formation Alto	Pool Undesignated	Dedicated Acreage 160	Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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



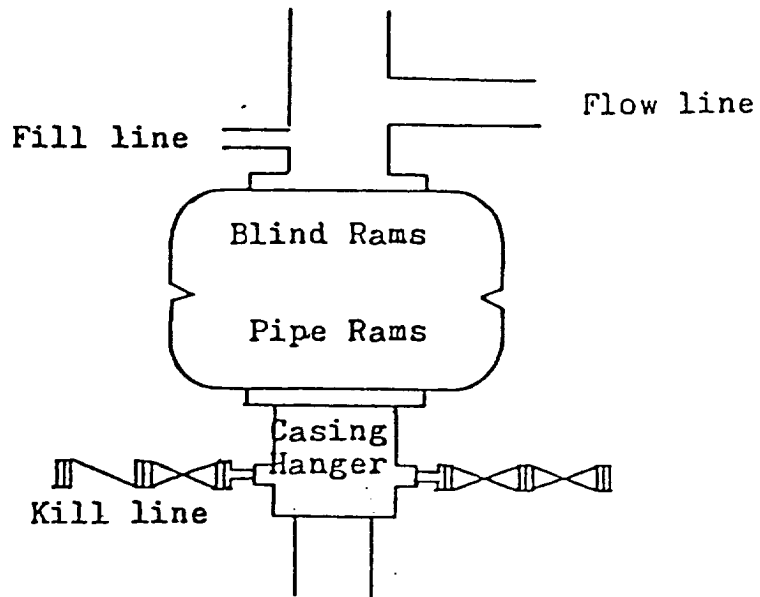
CERTIFICATION

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

Name **Billy M. Hester**
Position **Land Manager**
Company **Harvard Petroleum**
Date **6-11-87**

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 **MAY 27, 1987**
Registered Professional Engineer and/or Land Surveyor
Donald D. Jaques
P.E. & L.S.
6298



Blowout Preventer
3000 psi working pressure

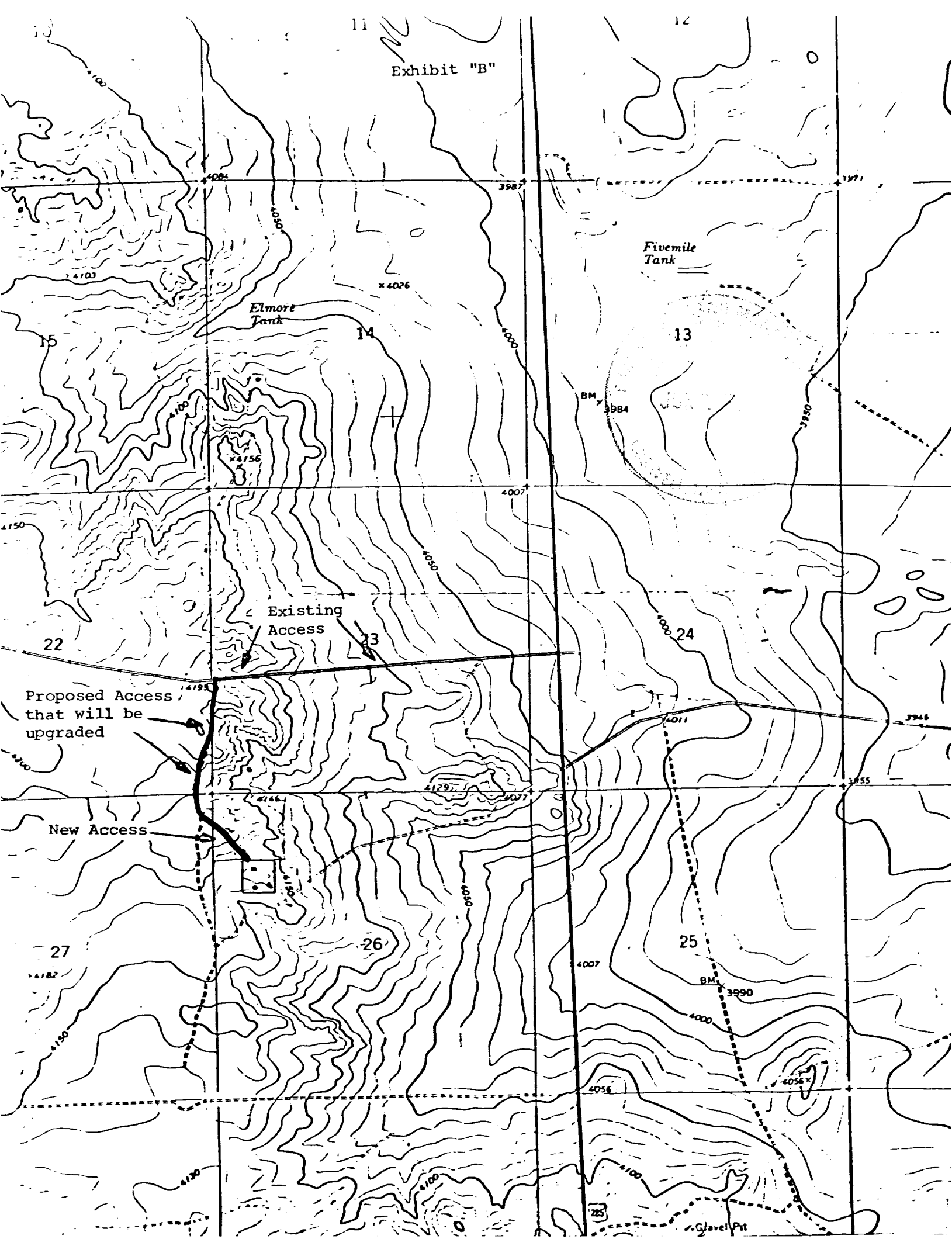
SUPPLEMENTAL DRILLING DATA
Harvard Petroleum Corporation
Maleda Federal #1
1650' FNL & 990' FWL
Sec. 26, T6S, R23E
Chaves County, N.M.

NM-00000



1. Geologic Name of Surface Formation:
San Andres
2. Estimated Geological Marker Tops:
Yeso, Tubb, Abo
540' 2400' 2450'
3. Estimated Depths to Oil, Gas or Water:
Oil - none
Gas - 2875'
Water - surface formations above 600'
4. Proposed Casing and Cement Programs:
12 1/2" hole - 8 5/8" casing (24#) to 900' - 850 sx cement
(surface)
7 7/8" hole - 4 1/2" casing (10.5#) to 3600' - 1200 sx cement
5. Proposed Mud Program:
Fresh air to 1200'
Gelled water to T.D.
6. Testing, Logging and Coring Programs:
DNL, LDT, Dual Lateralog, Micro FSL
7. Auxiliary Equipment:
None
8. Pressure Control Equipment:
B.O.P. Diagram attached as Exhibit
9. Abnormal Pressures or Temperature Zones:
None
10. Anticipated Starting Date:
July 1, 1987

Exhibit "B"





ACCESS
ROAD

IF#9

IF#8

0 50 100 200
Feet



IF#1-

IF#2-

IF#5-
IF#4-
IF#3-

ACCESS ROAD

Loc. 10

Loc. 1

Loc. 4a

Location 12

Loc. 11

Loc. 8

Loc. 3

FENCED IN ARCH. SITE

IF#7

IF#6

RESERVE PIT

WORKING PIT

CATWALK

PIPE RACK

SUBSTRUCTURE