

RECEIVED B

SUBMIT REPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR

MAY 7 1984

GEOLOGICAL SURVEY

O. C. D.

30-015-24865

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 19423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

White City 14 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

White City Penn

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 14, T25S, R26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

HNG OIL COMPANY ✓

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

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

At surface
1650' FNL & 1650' FEL, Sec. 14

At proposed prod. zone

Same

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

19 miles south from Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

1650'

990'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

None

19. PROPOSED DEPTH

12,200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3296.6' GR

22. APPROX. DATE WORK WILL START*

When Permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	400	400 sx. circulated
12-1/4"	9-5/8"	36#	2000	800 sx. circulated
8-1/2"	7"	23#	9200	900 sx. Cal. Top 5000'
6-1/8"	4-1/2" Liner	13.5#	12200	300 sx. TOL: at 9700'

PRESSURE CONTROL PROGRAM:

Blow-out preventer and annular preventer with choke manifold and drill string safety valve will be installed at 9-5/8" casing point. All equipment will be tested to 3000# W.P.

(Same as above) - Installed at 7" casing point. All equipment tested to 5000# W.P.

Gas is dedicated.

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

Betty Gildon

TITLE

Regulatory Analyst

DATE

4/30/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

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

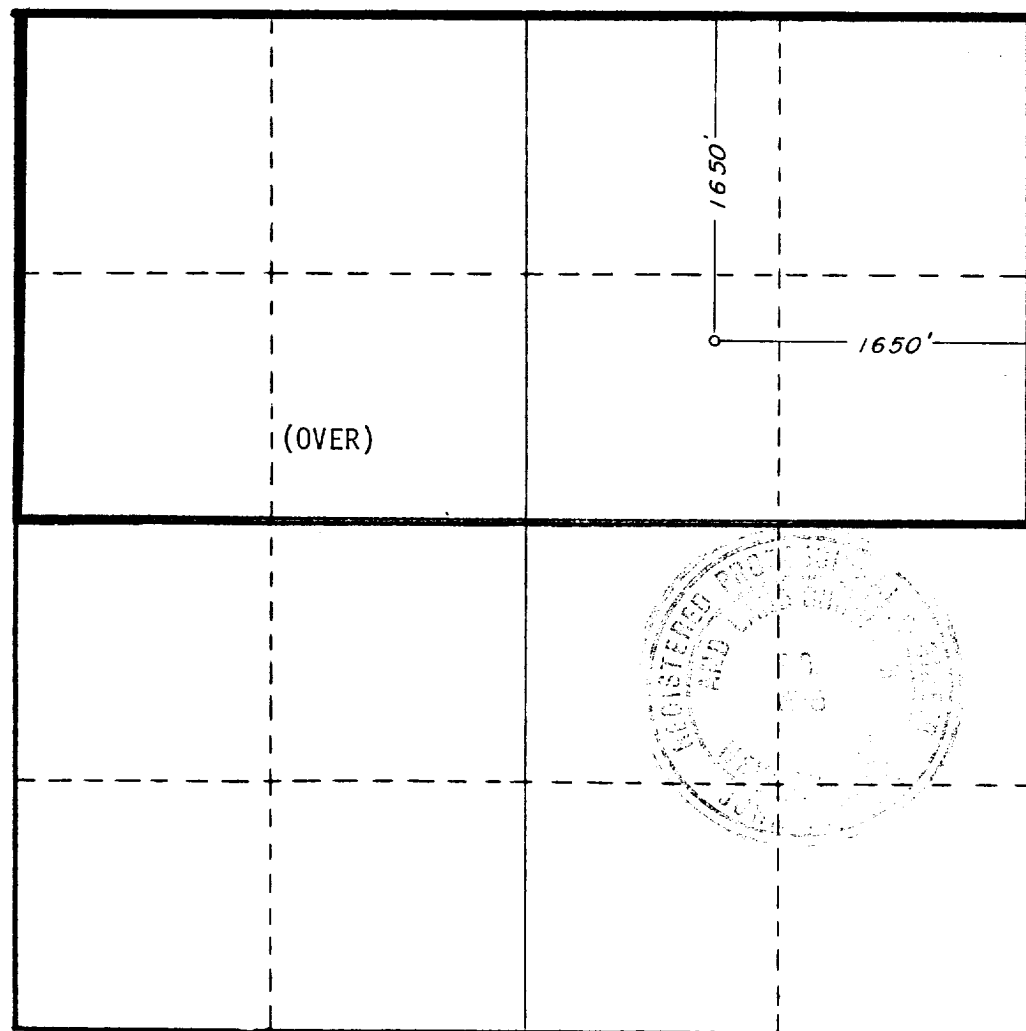
Operator HNG OIL CO.		Lease WHITE CITY 14 FED.		Well No. 1
Unit Letter G	Section 14	Township 25S	Range 26E	County EDDY
Actual Footage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line				
Ground Level Elev. 3296.6	Producing Formation Penn	Pool White City	Dedicated Acreage: 320 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.

Betty Gildon

Name

Betty Gildon

Position

Regulatory Analyst

Company

HNG OIL COMPANY

Date

April 19, 1984

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

4/14/84

Registered Professional Engineer
and/or Land Surveyor

Ronald J. Eidson

Certificate No. JOHN W. WEST,

676

RONALD J. EIDSON,

3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

WI:	Mesa Petroleum	50%
	Peter Paul	18.75%
	HNG Oil Company	31.25%
RI:	U. S. Government	1/8
ORR:	Central Southwest Oil Corp. Pension Trust	3%
	Sunshine Company	1%
	Robert N. Entfeld	1%

**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 HNG OIL CO.			Lease WHITE CITY 14 FED.		Well No. 1
Unit Letter G	Section 14	Township 25S	Range 26E	County EDDY	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1650 feet from the NORTH line and 1650 feet from the EAST line </div>					
Ground Level Elev. 3296.6	Producing Formation Penn		Pool White City		Dedicated Acreage: 640 Acres

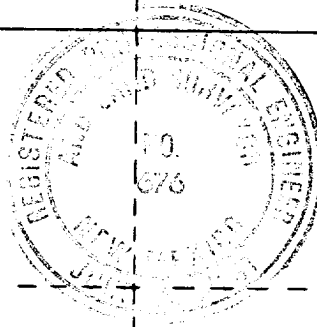
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<div style="position: relative; height: 400px;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <div style="border: 1px dashed black; width: 100px; height: 100px; position: relative;"> <div style="position: absolute; top: 0; left: 50%; transform: translateX(-50%);">1650'</div> <div style="position: absolute; right: 0; top: 50%; transform: translateY(-50%);">1650'</div> </div> </div> </div>	<p>WI: Mesa Petroleum 50% Peter Paul 18.75% HNG Oil Company 31.25%</p> <p>RI: U. S. Government 1/8 ORR: Central Southwest Oil Corp. Pension Trust 3% Sunshine Company 1% Robert N. Enfield 1%</p>
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CERTIFICATION

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

Betty Gildon

Name
Betty Gildon

Position
Regulatory Analyst

Company
HNG OIL COMPANY

Date
5/2/84

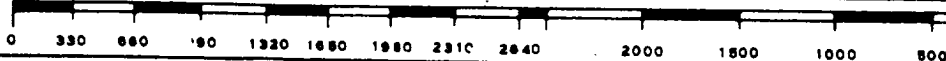
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
4/14/84

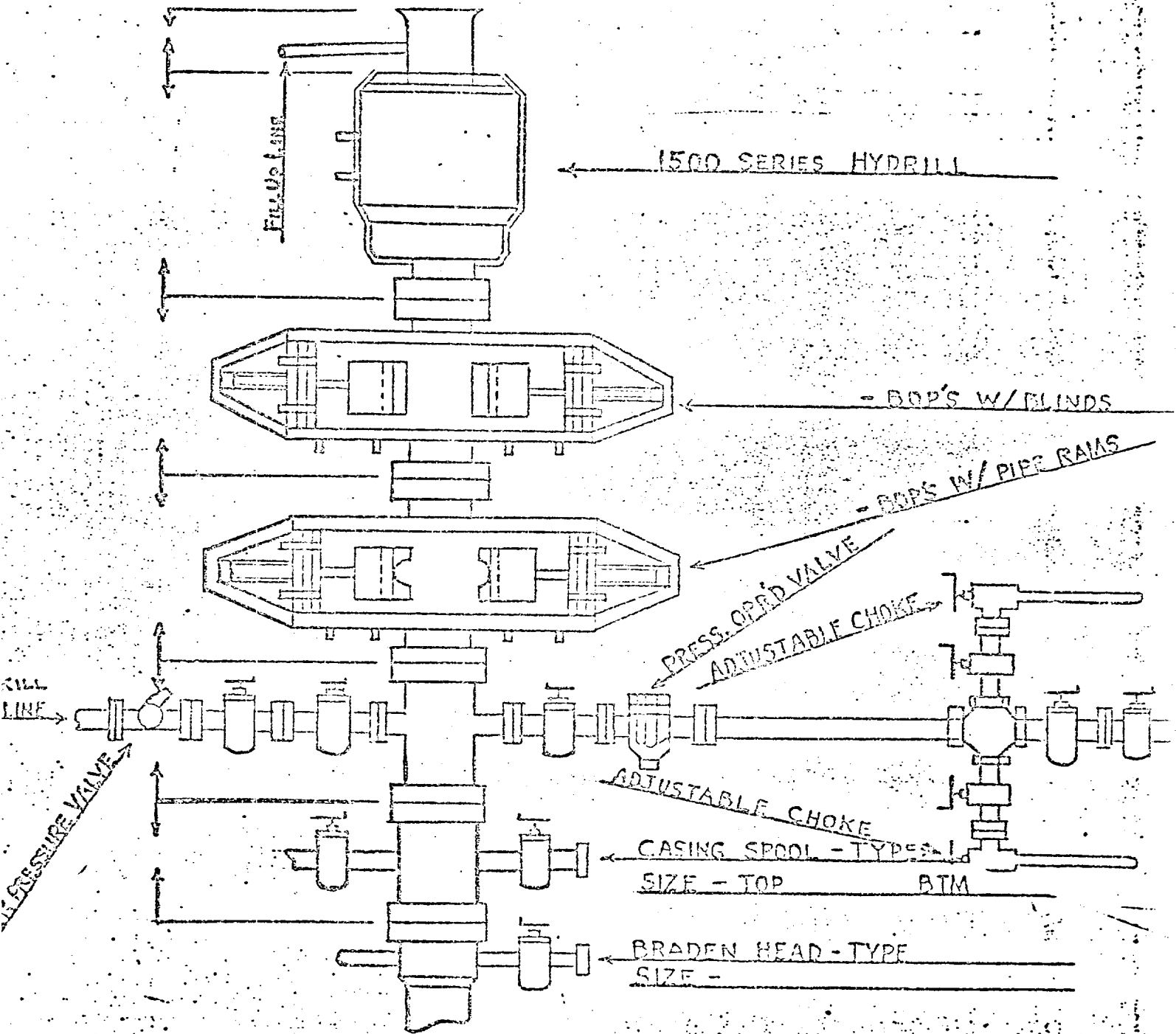
Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



DALLER'S ZERO 121 ABOVE NOTED TABLE



4/24/84

APPLICATION FOR PERMIT TO DRILL
White City 14 Federal #1

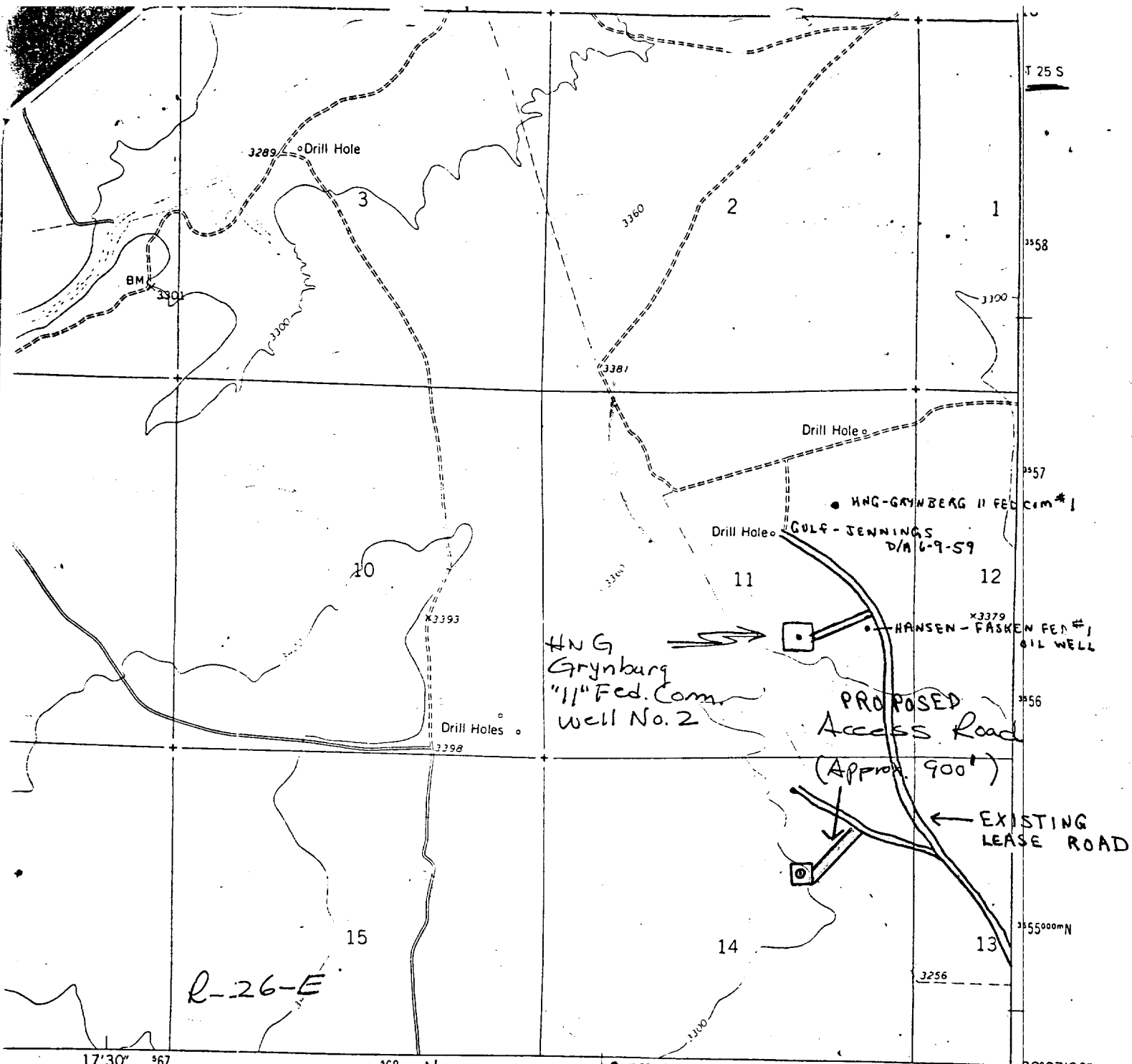
1. The geologic surface formation is Alluvium/Castile.
2. The estimated tops of important geologic markers are:

1. <u>Del 1950</u>	6. <u>Strawn 10500</u>
2. <u>Cherry Canyon 2600</u>	7. <u>Atoka 10700</u>
3. <u>Brushy Canyon 3450</u>	8. <u>Morrow 11100</u>
4. <u>Bone Springs 5500</u>	9. _____
5. <u>Wolfcamp 8600</u>	10. _____
3. Depths at which oil, water, or gas bearing formations are expected to be encountered.

Morrow 11,300-11,700
4. Brief description of testing, logging, and coring programs.

DST as necessary
Logging - Mud logger on hole 1,900' - TD
Electric Log Program
GR Sonic - Surface - TD
Neutron Density - 10,200' - TD
Dual LL or Dual IL - 1,900' - TD
Dipmeter - 10,200' - TD
5. Any anticipated abnormal pressures or temperatures expected? Any potential hazards - H2S?

None



1 MILE
1" = 2000'

EXISTING ROAD
PROPOSED ACCESS ROAD

NEW MEXICO
QUADRANGLE LOCATION

N
W
E
S

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

BLACK RIVER VILLAGE, N. MEX.
NE/4 CARLSBAD CAVERNS EAST 15' QUADRANGLE
N3207.5-W10415/7.5

1979

DMA 5148 III NE-SERIES V881

EXHIBIT "A"

22092

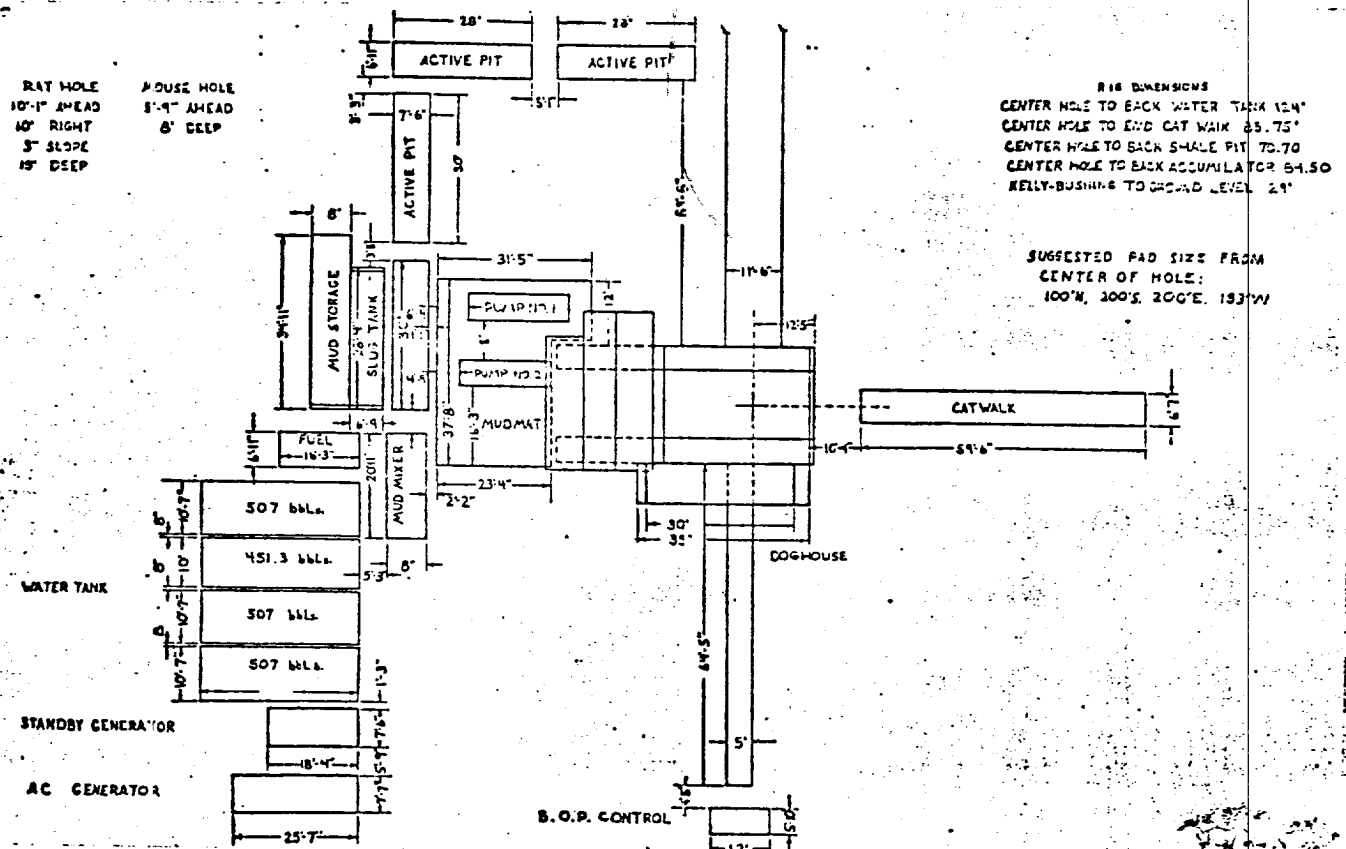


EXHIBIT "B"