

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 ZONE RECEIVED MULTIPLE ZONE ☐

2. NAME OF OPERATOR

J.C. Williamson

3. ADDRESS OF OPERATOR

P.O. Box 16, Midland, TX 79702

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

At surface

1880' FNL & 2310' FEL

At proposed prod. zone

Same

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

13 Miles SE of Malaga, New Mexico

10. DISTANCE FROM PROPOSED*

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

760'

16. NO. OF ACRES IN LEASE

240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

760'

19. PROPOSED DEPTH

5200'

20. ROTARY OR CABLE TOOLS

Rotary

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

2900.0' GR

22. APPROX. DATE WORK WILL START*

December 15, 1987

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"	54.5#	450'	450 sx or enough to circulate
11"	8 5/8"	24# & 32#	2900'	500 sx tie back to surface pipe
7 7/8"	5 1/2"	15.5#	5200'	500 sx tie back to 8 5/8" pipe

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 Mary Huber TITLE Production Clerk

DATE 11-24-87

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 12-15-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

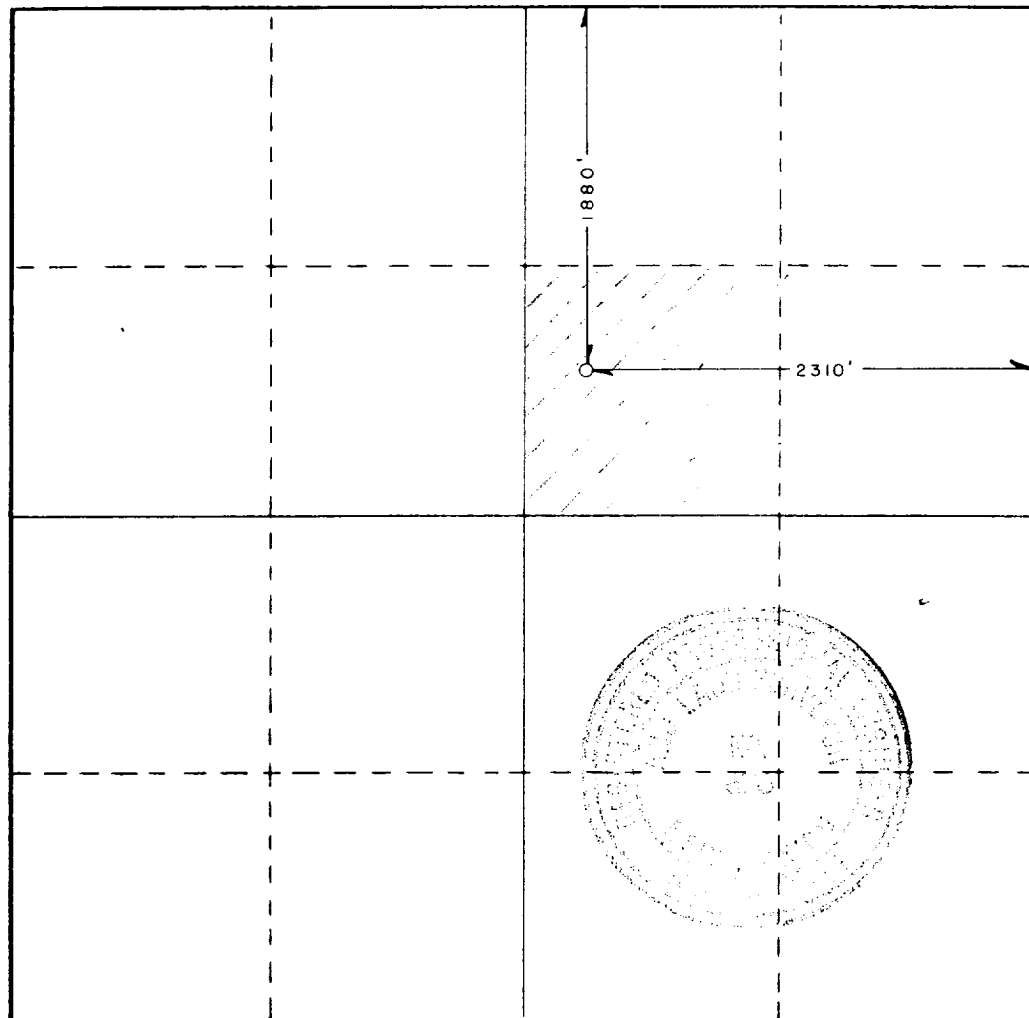
Operator J. C. WILLIAMSON			Lease "A" HOLLY FEDERAL		Well No. 7
Unit Letter G	Section 26	Township 26 SOUTH	Range 29 EAST	County EDDY	
Actual Footage Location of Well: 1880 feet from the NORTH line and 2310 feet from the EAST line					
Ground Level Elev. 2900.0'	Producing Formation Delaware		Pool Brushy Draw Delaware		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). **N/A**
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 **N/A**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) **N/A**

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.

Mary Huber

Name

Mary Huber

Position

Production Clerk

Company

J.C. Williamson

Date

November 25, 1987

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 7, 1985

Registered Professional Engineer and/or Land Surveyor

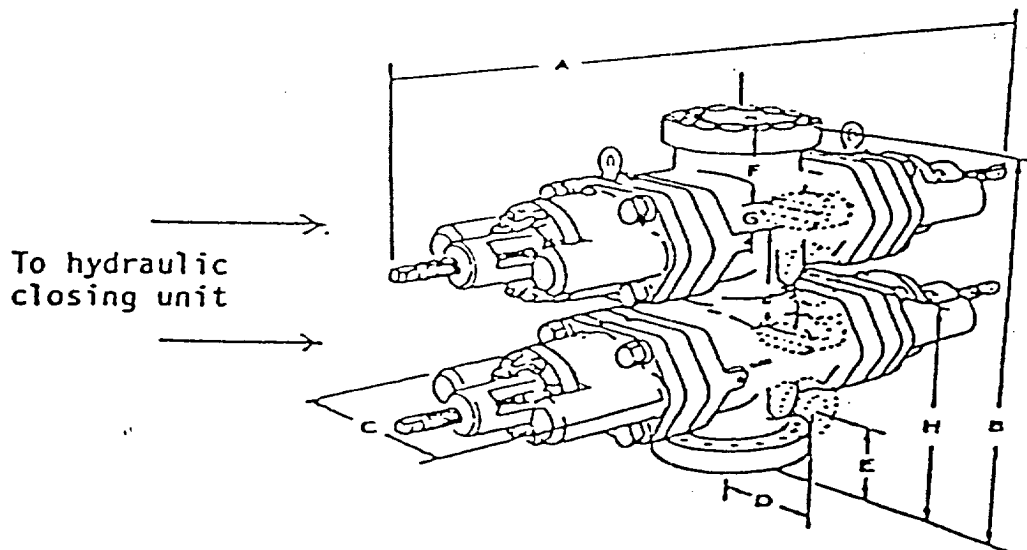
Ronald J. Eidson

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

EXHIBIT "E"

BOP Diagram

After 8-5/8" intermediate casing has been set and cemented, an 11" double ram BOP, as shown below will be put on the hole. This blowout preventer will be connected to a hydraulically controlled closing unit. The pressure rating on this BOP is 3500#, and will have blank and 5-1/2" drill pipe rams.



J.C. WILLIAMSON
HOLLY "A" FEDERAL #7

SUPPLEMENTAL DRILLING DATE

J. C. WILLIAMSON
HOLLY FEDERAL "A" #7

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	350'
Lamar Shale	3000'
Ramsey Sand	3025'
Olds Sand	3025'
Top Cherry Canyon	4150'
Top Brushy Canyon	5100'

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	above 100'
Delaware (oil)	3025'
Brushy Canyon (oil)	5100' - 5150'

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on Form 9-331 C.

Hole for surface casing will be drilled to a depth below fresh water zones. 13-3/8" surface casing will be run to 450 feet, below all fresh water zones and will be cemented to the surface with 450 sacks of Class "C" cement.

8-5/8" casing will be run and cemented at 2900 feet, prior to entering Delaware section and will be cemented with 500 sacks of Class "C" cement at 2900 feet, tying same back into salt section.

5-1/2" casing will be run to total depth and will be cemented at a total depth if significant shows are encountered in the Brushy Canyon formation, with 500 sacks Class "C" cement 50-50 poz in a single stage with cement tied back to the 8 5/8" casing.

5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will consist of a 3000# double ram hydraulically controlled blow out preventer and a 3000# choke manifold.

6. CIRCULATING MEDIUM:

The circulating medium will be fresh water down to 450 feet and brine water in the rest of the hole.

7. AUXILARY EQUIPMENT:

Not Applicable.

8. TESTING, LOGGING AND CORING PROGRAM:

Formation testing will be made by conventional drill stem test; however none are anticipated.

It is planned that a compensated neutron-density gamma ray and gamma ray dual laterolog will be run when total depth is reached, with a backup computer analysis utilizing these logs.

One or two (1 or 2) cores will be cut in the Brushy Canyon across the Williamson Sand.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS:

None anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that operations will commence on December 15, 1987, or as soon as the application is approved.

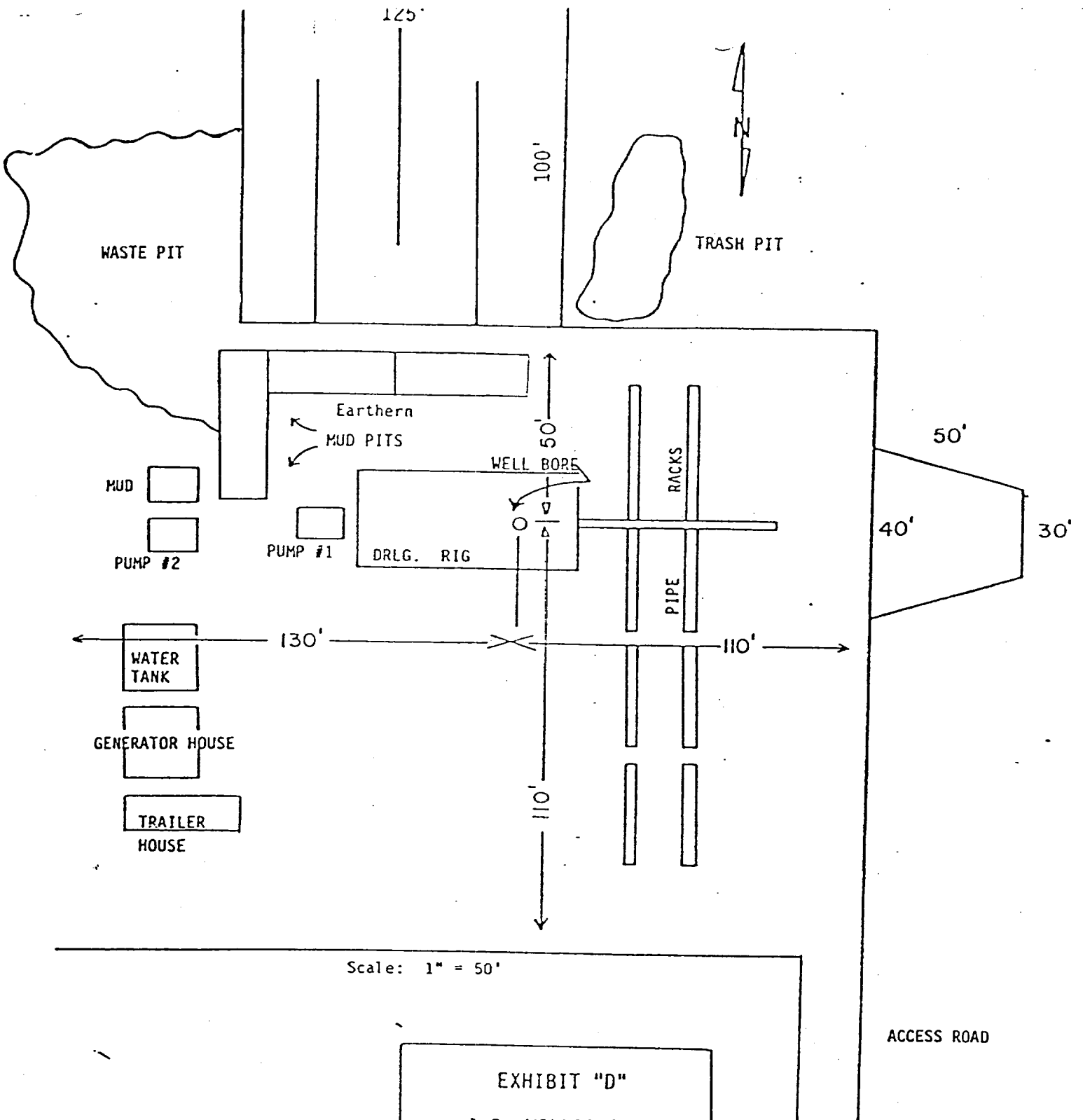


EXHIBIT "D"

J.C. WILLIAMSON
HOLLY "A" FEDERAL #7
DRILLING RIG LAYOUT

