

NM OIL & GAS COMMISSION  
UNITED STATES

DEPARTMENT OF THE INTERIOR

Artesia, NM 88210 GEOLOGICAL SURVEY

AUG 24 1982

## 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 ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

J. C. Williamson

## 3. ADDRESS OF OPERATOR

P. O. Box 16 Midland, Texas 79702

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

At surface

1980' FSL &amp; 660' FWL

At proposed prod. zone

1980' FSL &amp; 660' FWL

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

14 Miles SE of Malaga, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

660'

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

660'

## 16. NO. OF ACRES IN LEASE

280

## 19. PROPOSED DEPTH

6250'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR XXXX XXXX

Rotary

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

2918.5 GR

## 22. APPROX. DATE WORK WILL START\*

8/15/82

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT              |
|--------------|----------------|-----------------|---------------|---------------------------------|
| 17 1/2"      | 12 3/4"        | 35#             | 350'          | 300 sx                          |
| 11"          | 8 5/8"         | 24# & 32#       | 2900'         | 150 sx tie back to base of salt |
| 7 7/8"       | 4 1/2"         | 10.5#           | 6250'         | 750 sx                          |

RECEIVED  
AUG 10 1982OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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

(This space for Federal or State office use)  
(Orig. Sgd.) GEORGE H. STEWART

TITLE

Production Secretary

DATE 8/2/82

PERMIT NO.

AUG 20 1982

APPROVAL DATE

APPROVED BY

JAMES A. GILHAM  
DISTRICT SUPERVISOR

TITLE

DATE

**MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section

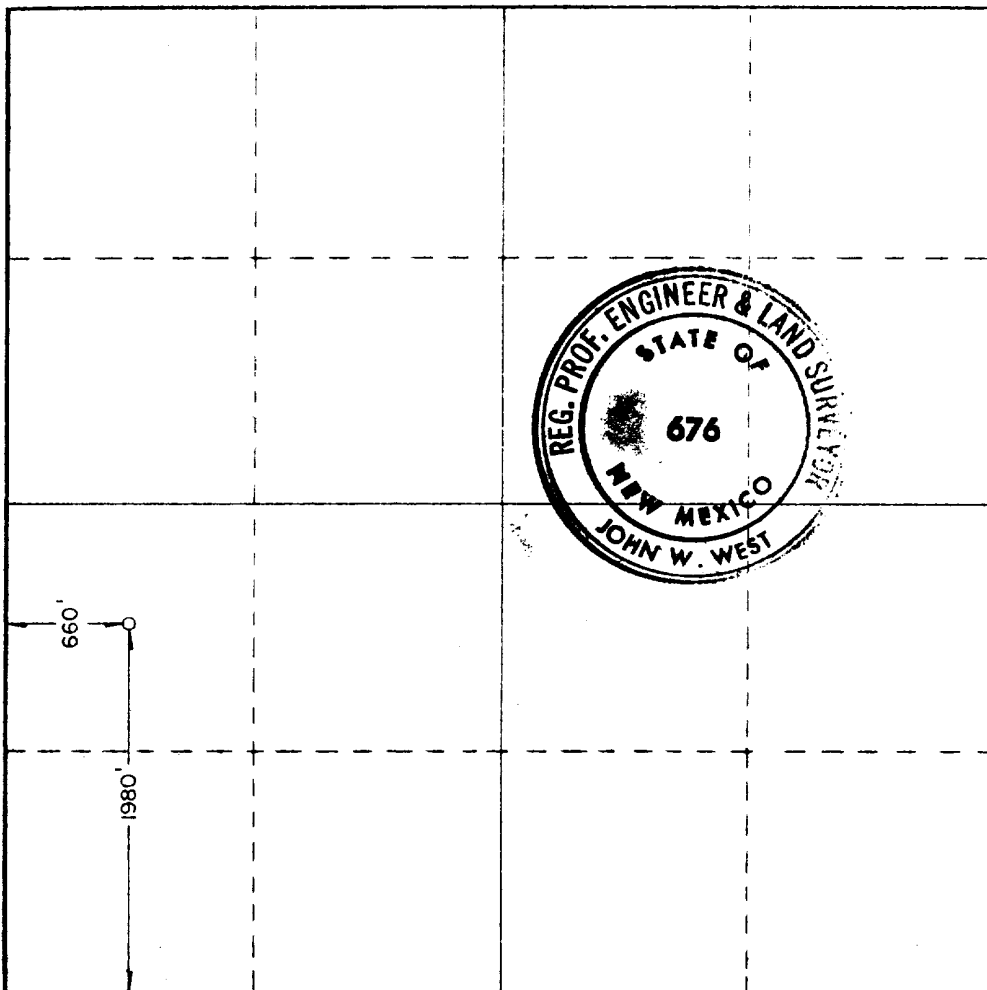
|                                                                                                                                |                                             |                                               |                         |                       |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|-------------------------|-----------------------|
| Operator<br><b>J. C. Williamson</b>                                                                                            |                                             | Lease<br><b>UCBHW Fed.</b>                    |                         | Well No.<br><b>2</b>  |
| Tract Letter<br><b>L</b>                                                                                                       | Section<br><b>25</b>                        | Township<br><b>26 South</b>                   | Range<br><b>29 East</b> | County<br><b>Eddy</b> |
| Actual Entrance Location of Well:<br><b>1980</b> feet from the <b>south</b> line and <b>660</b> feet from the <b>west</b> line |                                             |                                               |                         |                       |
| Ground Level Elev.<br><b>2918.5'</b>                                                                                           | Producing Formation<br><b>BRUSHY CANYON</b> | Well Name<br><b>BRUSHY DRAW Cherry Canyon</b> | Well No.<br><b>40</b>   |                       |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

*John C. Williamson*  
 J. C. Williamson

Position  
**Operator**

Company  
**J. C. Williamson**

Date  
**7/1/82**

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  
**6-26-82**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6663**  
**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

J. C. WILLIAMSON  
WELL #2 UCBHWW FEDERAL

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

|                   |       |
|-------------------|-------|
| Rustler Anhydrite | 450'  |
| Lamar Shale       | 3000' |
| Ramsey Sand       | 3025' |
| Olds Sand         | 3050' |
| Top Cherry Canyon | 4150' |
| Top Brushy Canyon | 5100' |

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

|                     |                |
|---------------------|----------------|
| Fresh Water         | above 300 feet |
| Delaware (Oil)      | 3025' - 3075'  |
| Brushy Canyon (Oil) | 5100' - 5150'  |
| Lower Brushy Canyon | 6150' - 6200'  |

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. Surface casing will then be run to bottom and cemented to the surface to protect fresh water zones. 12 3/4" pipe will be run and cemented at 350 feet.

8 5/8" pipe will be run and cemented at 2900 feet, prior to entering Delaware section.

12 3/4" surface casing will be cemented to the surface with 300 sacks of Class "C" cement.

8 5/8" protection casing will be cemented with 150 sacks of Class "C" cement at 2950 feet.

4 1/2" in production casing will be cemented at total depth or shallower if significant shows are encountered in the Brushy Canyon formation.

5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will consist of a dual ram hydraulically controlled blow out preventer.

6. CIRCULATING MEDIUM:

The circulating medium will be fresh water down to 350 feet and brine water in the rest of the hole.



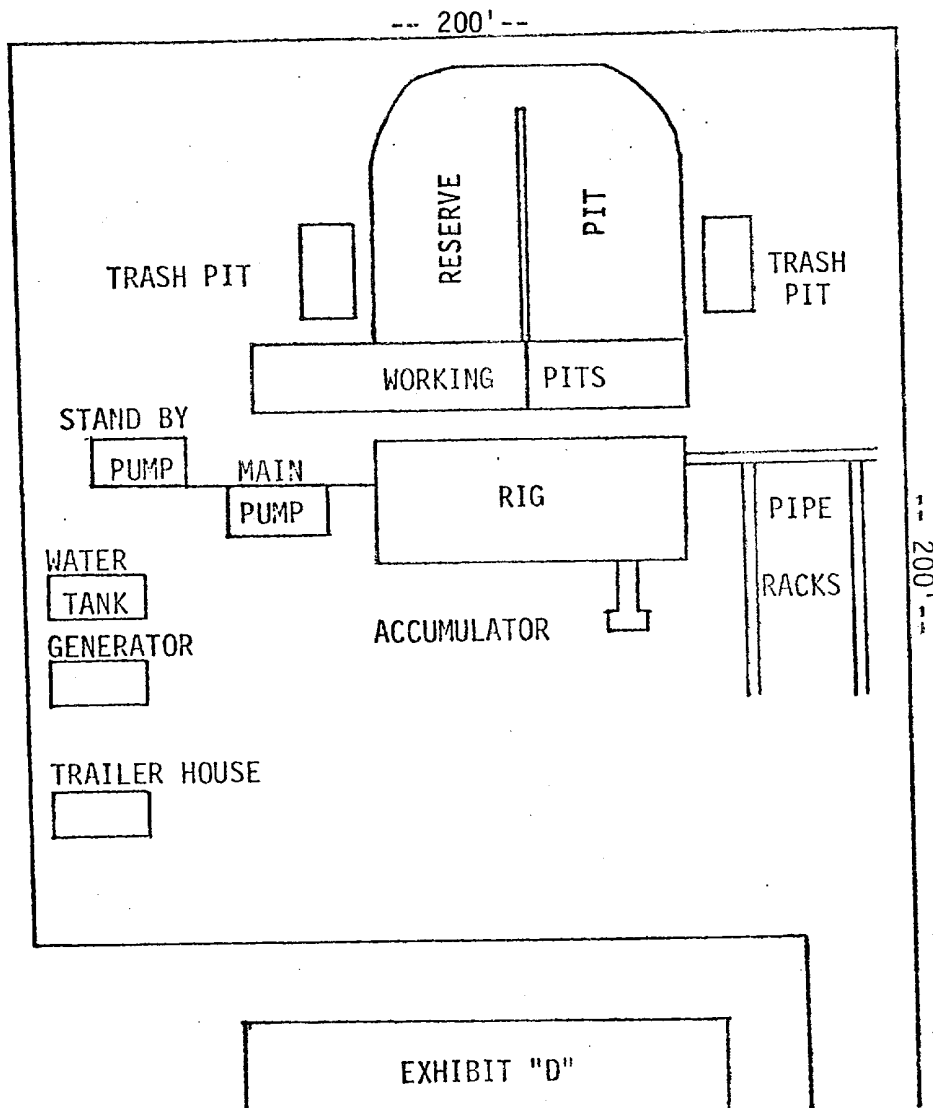
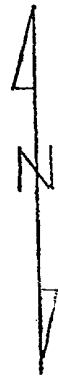


EXHIBIT "D"

J. C. Williamson  
#2 UCBHWW Federal