

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYDrawer DD (Other instructions on
reverse side)
Artesia NM 88210

50-015-24763

C/S 7

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 ☐

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

2310' FEL & 330' FSL

At proposed prod. zone

2310' FEL & 330' FSL

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

18 Miles Southeast of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

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

330'

16. NO. OF ACRES IN LEASE

360

19. PROPOSED DEPTH

5800'

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

2960.5

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'	375 sx circulate
11"	8-5/8"	24# & 32#	3300'	150 sx tottie back to base of salt
7-7/8"	4-1/2"	10.5#	5800'	1300 sx in two stages

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

Production Secretary

DATE 12/19/83

(This space for Federal or State office use)

PERMIT NO.

SJ Richard Bastin

APPROVAL DATE

APPROVED BY

TITLE ASSOCIATE DISTRICT MANAGER

DATE JAN 18 1984

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-101
Effective 1-1-85

All distances must be from the outer boundaries of the Section

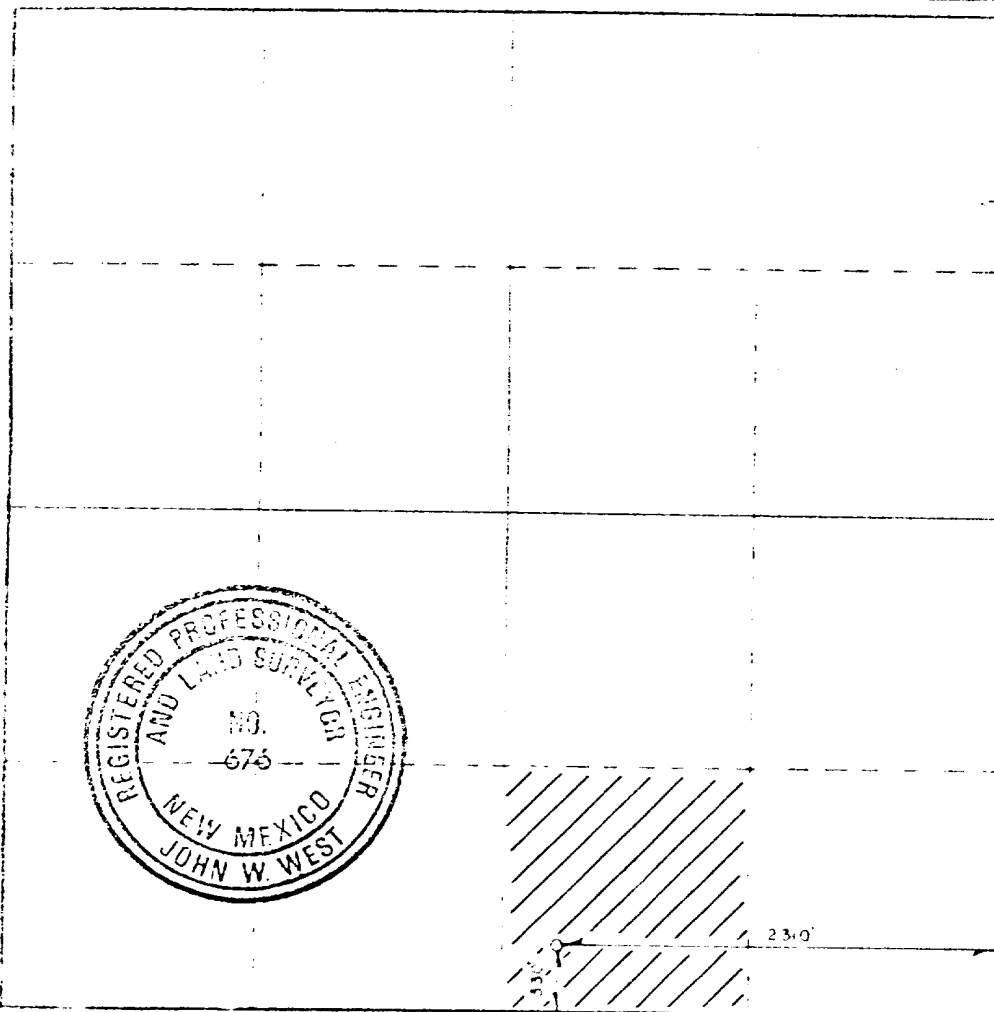
J.C. WILLIAMSON		J.C. WILLIAMSON ABBY FEDERAL		3
0	28	26 SOUTH	30 EAST	EDDY
2310	330	EAST	SOUTH	
2960.5	Ross Draw Delaware	Ross Draw Delaware		40

- 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).
N/A
- 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, force-pooling, or otherwise) or until a non-standard unit terminating 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.

[Signature]

Roxy Wise

Position

Production Secretary

Company

J. C. Williamson

Date

12/19/83

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

DECEMBER 3, 1983

Registered Professional Engineer

John W. West

[Signature]

Certificate No. JOHN W. WEST, 676

Geological Engineer

SUPPLEMENTAL DRILLING DATA

J. C. WILLIAMSON
WELL #3 ABBY FEDERAL

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	450'
Lamar Shale	3300'
Ramsey Sand	3350'
Olds Sand	3400'
Top Cherry Canyon	4450'
Top Brushy Canyon	5500'

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	above 300'
Delaware (oil)	3300' - 3400'
Brushy Canyon (oil)	5500' - 5800'

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. 12-3/4" surface casing will be run to 350 feet, below all fresh water zones and will be cemented to the surface with 375 sacks of Class "C" cement.

8-5/8" casing will be run and cemented at 3300 feet, prior to entering delaware section and will be cemented with 150 sacks of Class "C" cement at 3300 feet, tying same back into salt section.

4-1/2" 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.

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 350 feet and brine water in the rest of the hole.

7. AUXILARY EQUIPMENT:

Not Applicable.

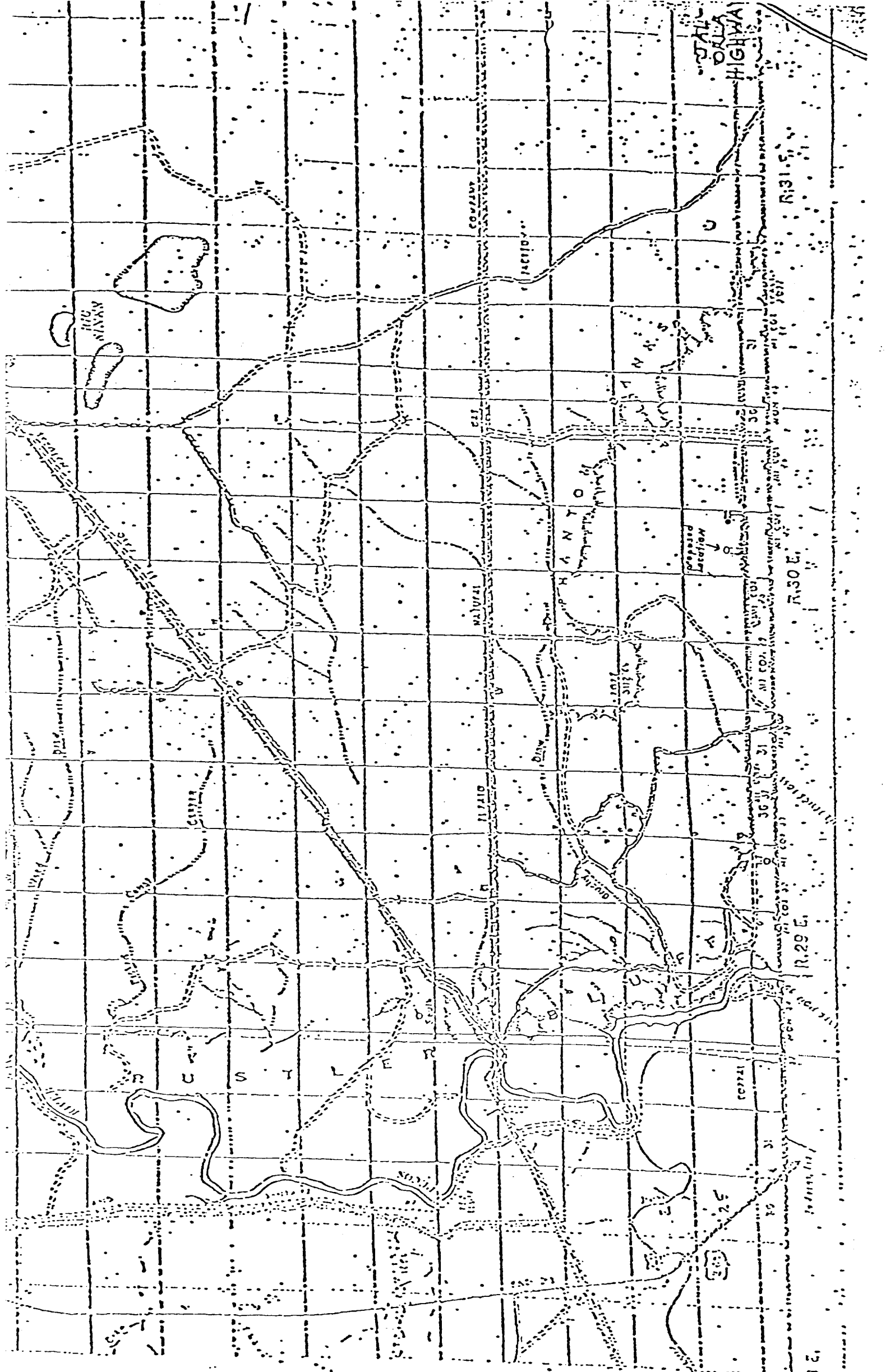


EXHIBIT "A"
J. C. Williamson
Abby Edwards #2

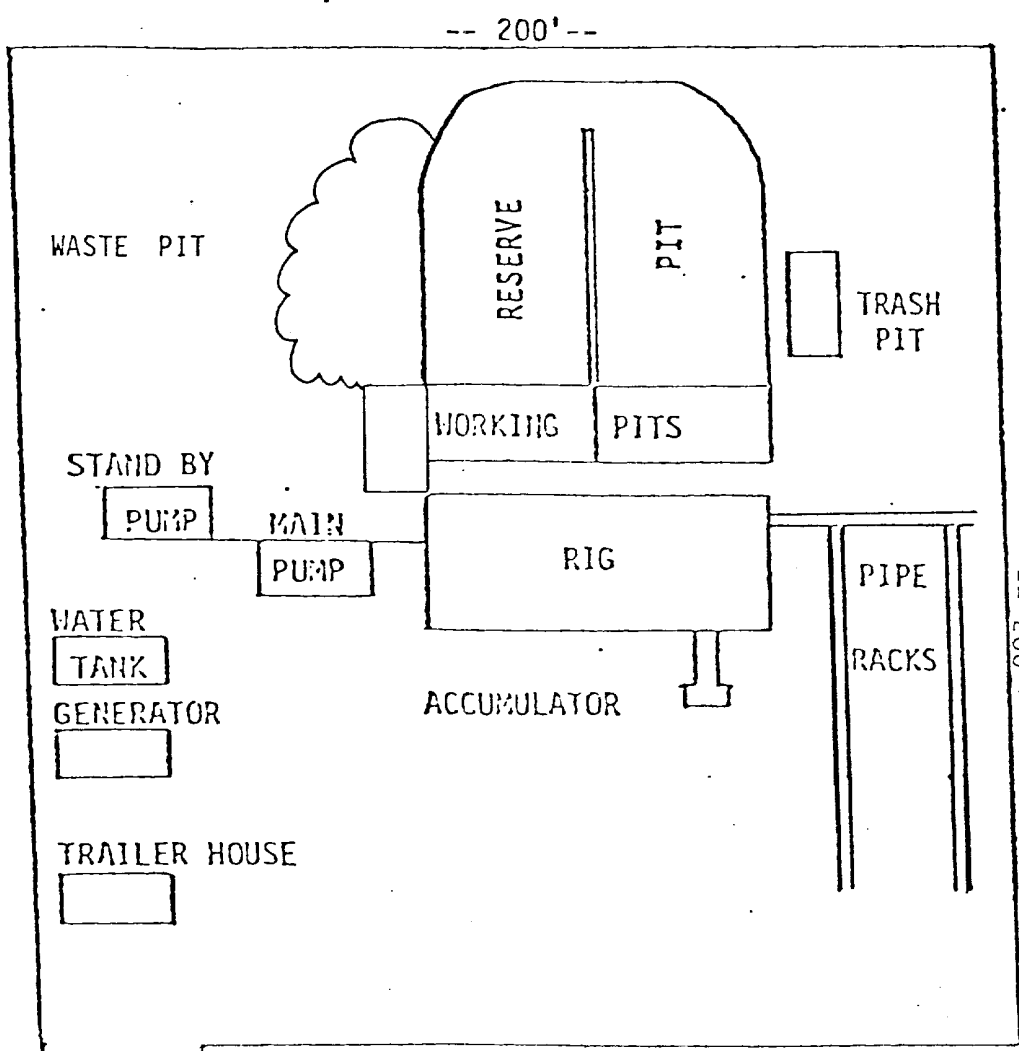
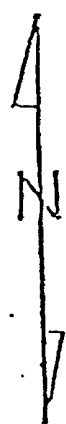


EXHIBIT "D"

J. C. Williamson
#3 Abby Federal