

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, Texas 79702

SEP 8 1982

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

At surface

660' FNL & 660' FEL

At proposed prod. zone

660' FNL & 660' FEL

ARTESIA, OFFICE

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.

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

660'

16. NO. OF ACRES IN LEASE

110

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.

660'

19. PROPOSED DEPTH

6250'

20. ROTARY OR ~~XXXXXXXXXX~~

Rotary

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

2882.2 GR

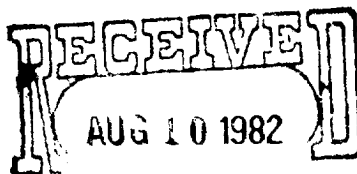
22. APPROX. DATE WORK WILL START*

August 15, 1982

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 CIRCULATE
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

OIL & 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

TITLE Production Secretary

DATE 8/3/82

(This space for Federal or State office use)

(Orig. Sgd.) **GEORGE H. STEWART**

PERMIT NO.

APPROVAL DATE

APPROVED BY

2 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

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

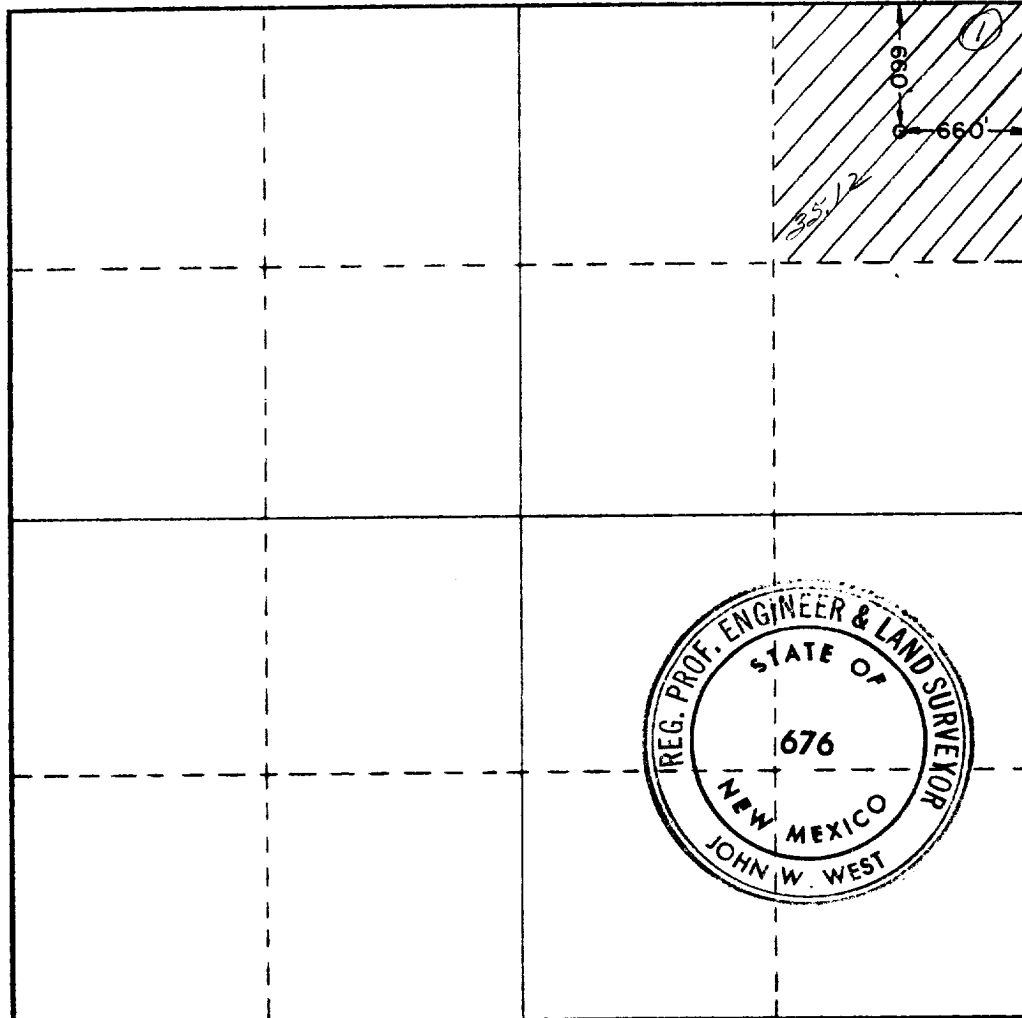
Operator J. C. WILLIAMSON			Lease M.W.J. FED.		Well No. 1
Unit Letter A	Section 35	Township 26 SOUTH	Range 29 EAST	County EDDY	
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the EAST line					
Ground Level Elev. 2882.2	Producing Formation BRUSHY CANYON		Pool Unit BRUSHY DRAW - Brushy Canyon		Dedicated Acreage: 40 35.12 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). **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, 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.

Name **Jamie V. Crawford**
Position **Production Secretary**
Company **J. C. Williamson**

Date **8/5/82**

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.

3 AUGUST 1982

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eldon 3239

J. C. WILLIAMSON
WELL #3 EP-USA

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	450'
Lamar	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'
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 2900 feet, tying back into the base of the salt.

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.

