

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 *Re-entry*

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Ralph E. Williamson

3. ADDRESS OF OPERATOR

P.O. Drawer 994, Midland, TX 79702

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

At surface

1980' FSL & 1980' FEL

At proposed prod. zone

Same

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

45 miles Southeast of Carlsbad, NM

10. DISTANCE FROM PROPOSED\*

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

660'

18. DISTANCE FROM PROPOSED LOCATION\*

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

None

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

9000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3328.7 GR

22. APPROX. DATE WORK WILL START\*

Upon Approval

23. *Existing* / PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	28#	615'	Already circulated to surface
7 7/8"	7"	23#	5300'	2000 sx in 2 stages (suff. to circ.)
6 1/4"	4 1/2"	11.6#	9000'	1000 sx in 2 stages (suff. to tie back to 7" casing)

This will be a re-entry of the former Paul J. Stout Federal 26 #1

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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

*Ralph E. Williamson*

TITLE

President

DATE

*Dec 11/90*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*1-3-91*

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JAN 04 1907

HOBBS

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

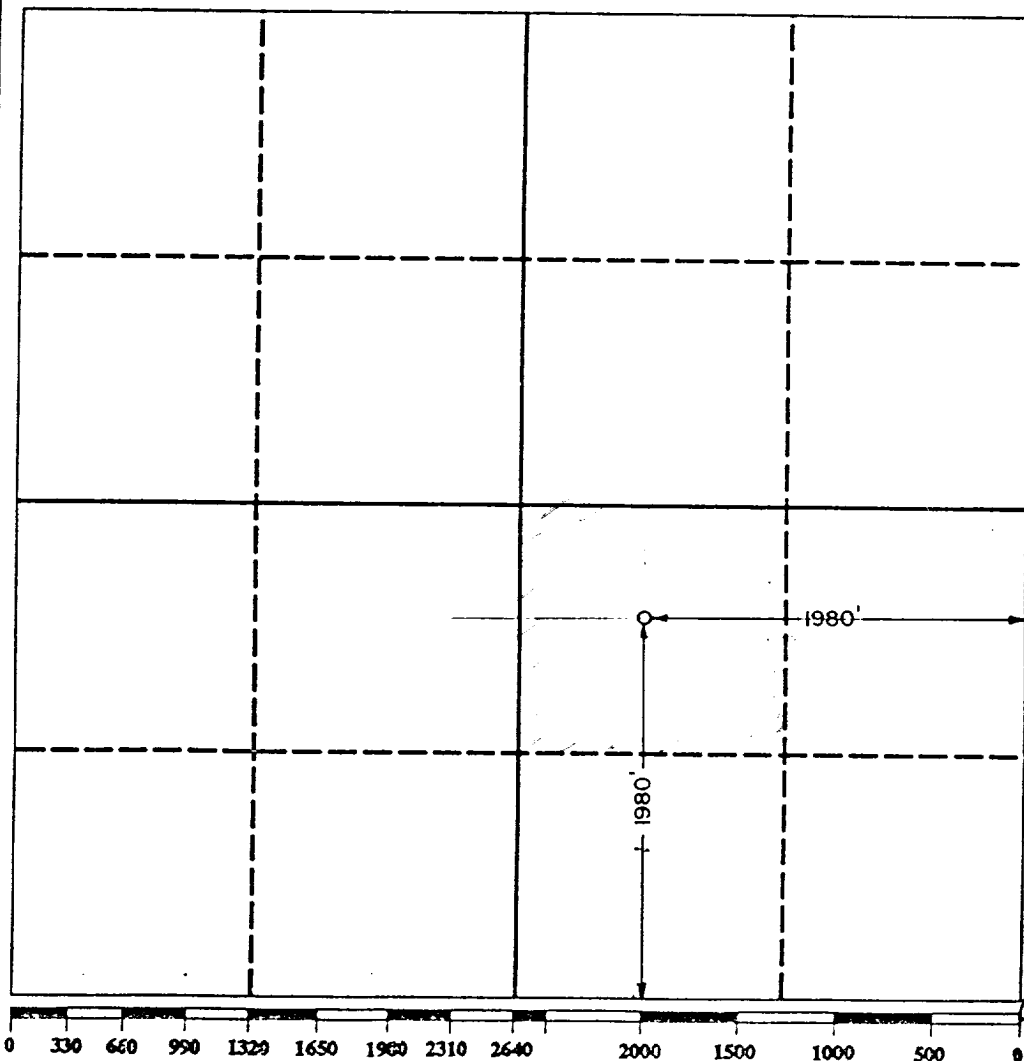
All Distances must be from the outer boundaries of the section

Operator Ralph E. Williamson			Lease Conoco 26 Federal		Well No. 1
Unit Letter J	Section 26	Township 26 South	Range 33 East	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line					
Ground level Elev. 3328.7	Producing Formation Delaware	Pool East Elmer Delaware Undesignated	Dedicated Acreage: 40 Acres		

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).
3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



### OPERATOR CERTIFICATION

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

*Kala Schmidt*  
Signature

Kala Schmidt

Printed Name

Agent

Position

Ralph E. Williamson

Company

Date

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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

June 21, 1977

Signature & Seal of Professional Surveyor

Certificate No.

JOHN W. WEST, 676

RONALD J. EIDSON, 3239

3239

## SUPPLEMENTAL DRILLING DATA

RALPH E. WILLIAMSON  
CONOCO FEDERAL 26 #1

1. SURFACE FORMATION: Quaternary
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Redbed	Surface
Rustler	815'
Castile	3300'
L/Castile	4890'
Delaware Lime	5125'
T/Delaware Sand	5140'
T/Cherry Canyon	6500'
T/Bone Springs Lime	9500'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Delaware Sand series      5140'-9500'

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on Form 9-331 C.

Hole for surface casing has been drilled to a depth below fresh water zones to 615'. 8 5/8" surface casing has been run to 615', below all fresh water zones and has been cemented to the surface with 250 sacks of Class "C" cement.

7" casing will be run and cemented at 5200 feet, at approximately the old total depth of the PJ Stout Federal 26 #1 in the upper Delaware and shall be cemented with 800 sacks of "lite" cement followed by 800 sacks "C" cement. A DV tool will be run in the 7" string to approximately 3000' and the second stage of the cementing procedure will be 800 sacks of "lite" cement followed by 100 sacks "C" cement. Hole volumes will be determined by fluid caliper calculations and actual cement volumes will be adjusted accordingly.

4 1/2" casing will be run to total depth of approximately 9000' or to a lesser depth if significant shows of oil or gas are encountered and will be cemented in 2 stages of approximately 500 sacks of Class "H" with 35% Pozlin additive, 6# of Salt per sack and 1/4# of Floseal per sack. DV tool to be placed at approximately 6500'; actual volumes of cement used and the positioning of the DV tool will be determined by hole volumes as determined from logs by the pay zones encountered while drilling and overall hole conditions.

EXHIBIT "E"  
RALPH E. WILLIAMSON  
CONOCO FEDERAL 26 #1  
1980' FSL & 1980' FEL  
Sec. 26, T.26.S, R.33.E  
Lea County, New Mexico

BOP DIAGRAM

When rig has been rigged up over this hole, immediately prior to the commencement of re-entry operations, an 11" double-ram BOP will be rigged up over the hole on the 8 5/8" surface casing and maintained in service throughout the re-entry procedure. The blowout preventer will be transferred to the 7" wellhead after 7" intermediate has been run.

This blowout preventer will be connected to a hydraulically controlled closing unit. The pressure rating on this BOP is 3000#, and will have blank and 4 1/2" drill pipe rams.

