

NM-20367

**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 MWJ FEDERAL		Well No. 3
Tract Number G	Section 35	Township 26 SOUTH	Range 29 EAST	County EDDY
Actual Footage Location of Well: 330 feet from the SOUTH line and 1650 feet from the EAST line				
Ground Level Elev. 2871.1	Producing Formation Brushy Canyon Del.	Pool Brushy Draw - Delaware	Estimated Acreage 30	

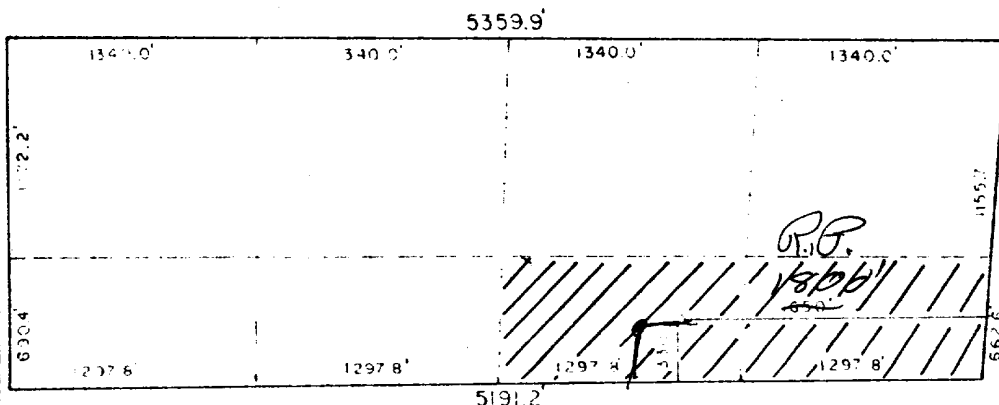
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Roxy Wise

Roxy Wise

Production Secretary

J.C. Williamson

12-2-83

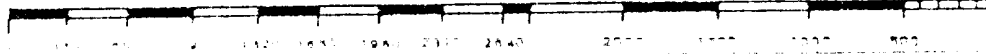
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

NOVEMBER 16, 1983

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 876**
PATRICK A. ROMERO 8883
ROBERT J. SUTTON 7210



SUPPLEMENTAL DRILLING DATA

J. C. WILLIAMSON WELL MWJ FEDERAL #3

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	450'
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 30'
Delaware (oil)	3025'
Brushy Canyon (oil)	5100' - 5150' - 5600' - 5650'
Lower Brushy Canyon (oil)	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. 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 2800 feet, prior to entering Delaware section and will be cemented with 150 sacks of Class "C" cement at 2800 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, with 1350 sacks Class "C" cement 50-50 poz in stages with DV tool set at 4600 feet plus or minus.

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.

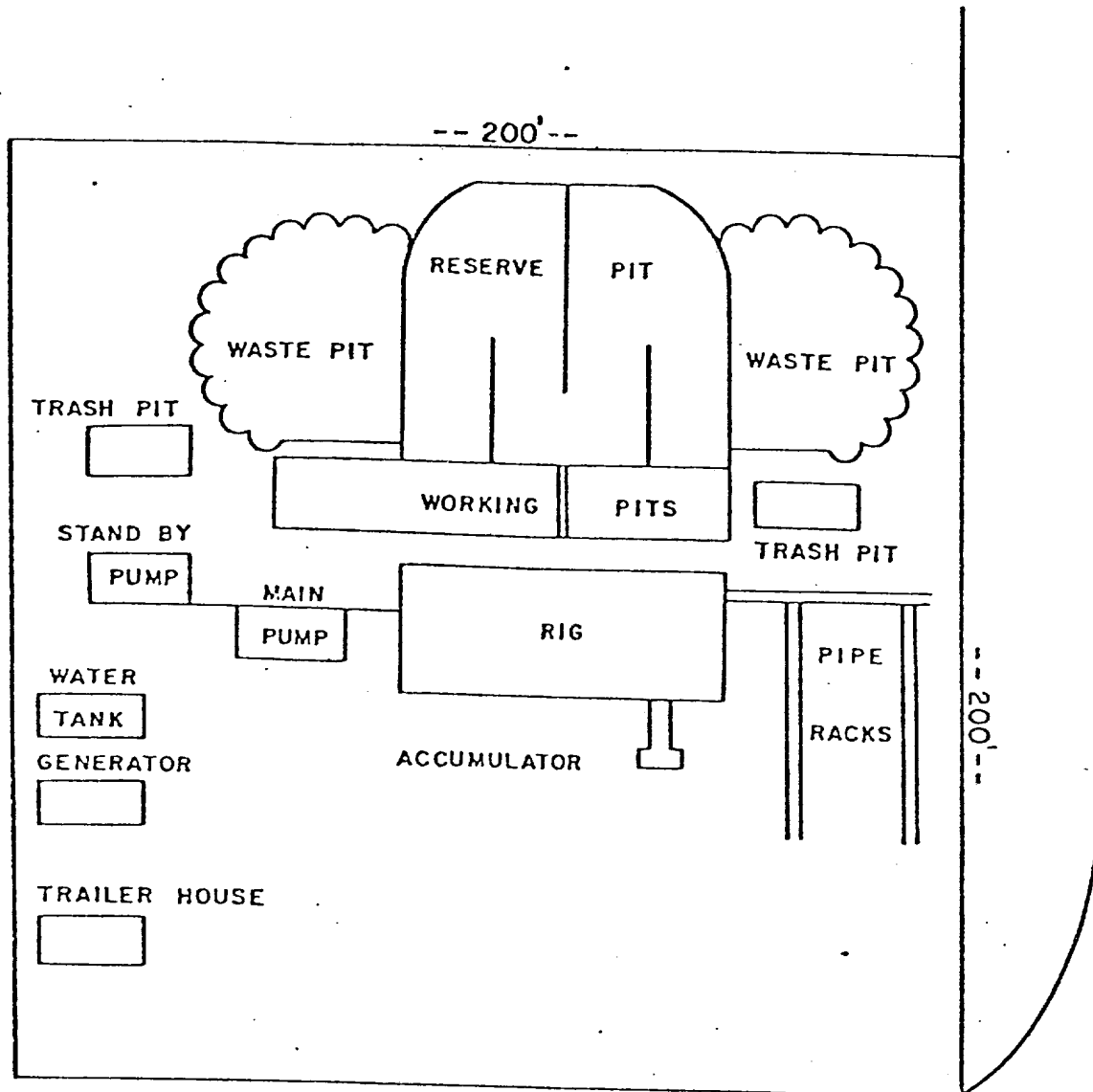


EXHIBIT "D"
 330 FSL & 1650 FEL
 J. C. Williamson
 #3 MWJ Federal