

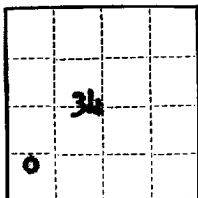
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. SF 078463A

Unit W/2, Sec. 34, T-31N,
R-13W, San Juan Cty., N.M.



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 12, 1963

Well No. 1/ Federal Lea is located 790 ft. from S line and 1140 ft. from W line of sec. 34

SW/4, SW/4, Sec. 34 31-N 13-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5830 ft. Ungraded Ground Level.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The objective sand is the Dakota formation. Anticipated T.D. 6670 ft.

Proposed Casing Program:

Surface: 250 ft. 8-5/8", 24.0#, J-55 cemented to surface.

Production: 6670 ft. 4-1/2", 10.50#, J-55 casing cemented w/250 sz. w/stage collar set below Mesa Verde at 4650 and cemented to cover Menefee w/approx. 1000 sz.

Tubing: 1-1/2", E.U.E., 2.90# JGW Landed at approx. 6500 ft.

Rotary tools will be used from surface to total depth of 6670 ft.

The well will be fraced to stimulate production.

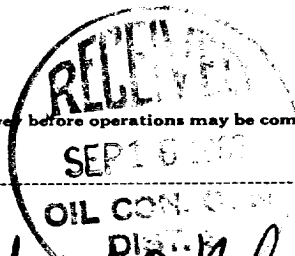
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN UNION PRODUCTION COMPANY

Address P. O. Box 808

Farmington, New Mexico

By Gilbert D. Noland, Jr.
Title Drilling Superintendent



NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date September 12, 1963

Operator Southern Union Production Company Lease FEDERAL LEA
Well No. 1 Unit Letter M Section 34 Township 31 North Range 13 West NMPM
Located 790 Feet From South Line, 1140 Feet From West Line
County San Juan G. L. Elevation 5830 Dedicated Acreage 320 Acres
Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

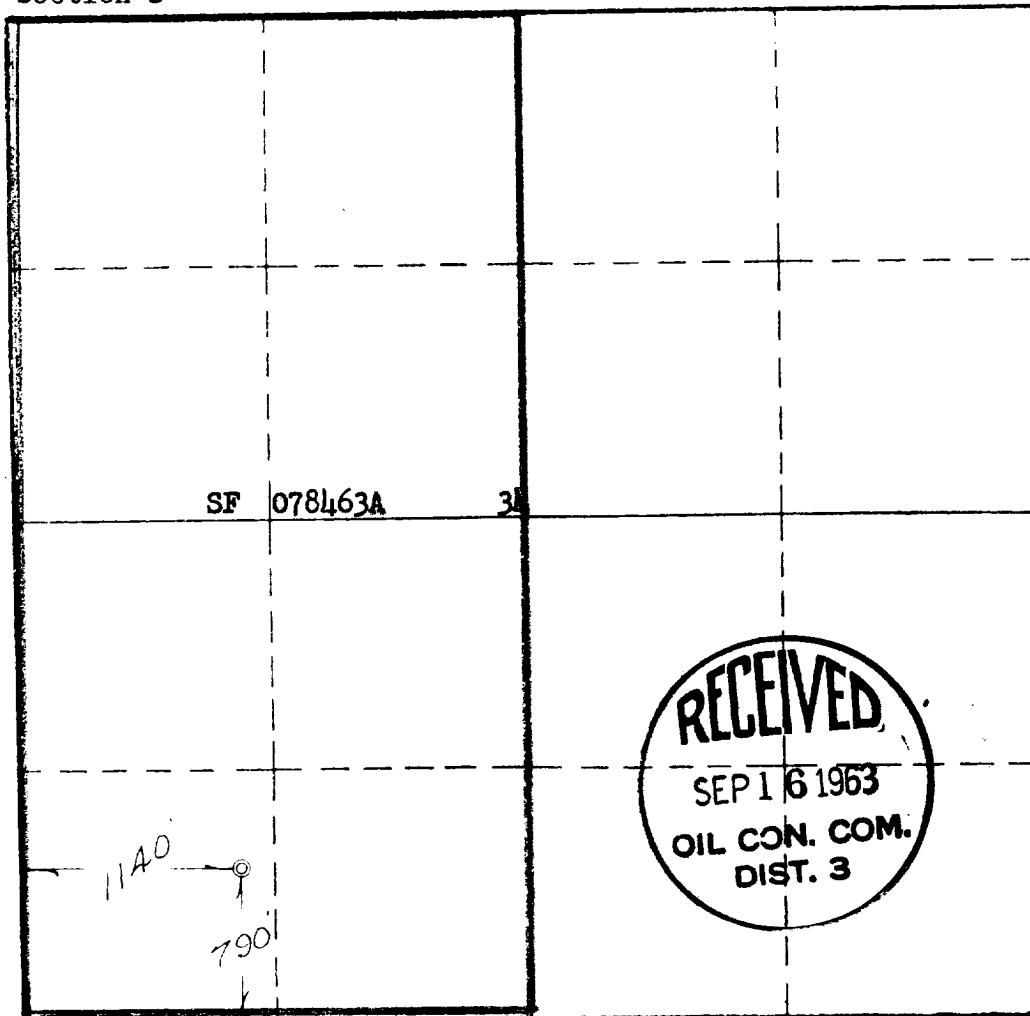
Land Description

RECEIVED

SEP 17 1963

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Southern Union Production Co.

(Operator)

Gilbert D. Roland Jr.
(Representative)

P. O. Box 808 - Farmington, N.M.

Address

This is to certify that the well location shown on the plat in Section B 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 Aug. 8-9, 1963

Registered Professional
Engineer and Land Surveyor.

Certificate No. 3084