

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 012214

Unit 3/2, Sec. 34, T-1-N, R-13-W, S. 10. P. M., San Juan
County, New Mexico

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) FA-100-10

July 7, 1959

Well No. 2-4040rd is located 1140 ft. from N line and 1190 ft. from W line of sec. 34

34 34 30N 13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. To be determined

DETAILS OF WORK

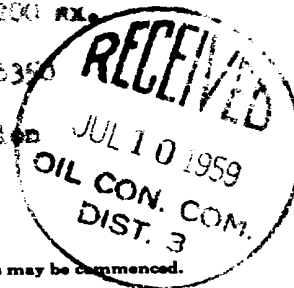
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Objective sand is the Niobrara formation anticipated at approximately 6100'

Proposed casing program: 300' 12-3/4", 30.75, 1-60 cemented to surface
6300' 5", 4-55, 25.5 cemented to 2000 ft.

Rotary tools will be employed from surface to estimated TD of 6350'

The well will be sand fraced in an effort 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 OIL & GAS COMPANY

Address 1001 Surt Building

Dallas, Texas

By Edmund L. Hartman

Title Drilling Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 8/1/57

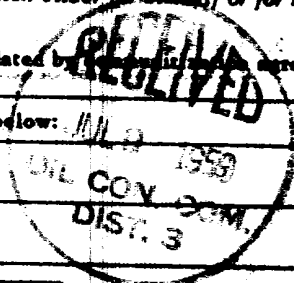
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator Southern Union Gas Company			Lease McCord		Well No. 2
Unit Letter 1	Section 24	Township 30 North	Range 23 West	County San Juan	
Actual Footage Location of Well: 2400 feet from the South line and 2300 feet from the West line					
Ground Level Elev.	Producing Formation Dakota		Pool Undesignated	Dedicated Acreage: 320 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by 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



SECTION B

<div style="position: relative; width: 100%; height: 100%;"> 2400' 2300' <div style="position: absolute; top: 40%; left: 15%;">○</div> </div>			

CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

O. L. Haseltine
Name

O. L. Haseltine
Position

Dir. Superintendent
Company

Southern Union Gas
Date

July 7, 1959

I hereby 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 _____

Register and Return to the Register and the Land Surveyor

[Signature]
Land Surveyor

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200

OIL CONSERVATION COMMISSION

2001

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(continued)

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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1. The first step is to identify the problem. This involves understanding the situation, gathering information, and defining the problem clearly.