

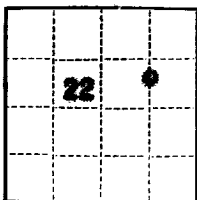
(SUBMIT IN TRIPLICATE)

Land Office **Santa Fe**

Lease No. **SP 078010-4**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SE/4 NE/4 Sec. 22**  
**T-32N, R-13W, N.M.P.M.**



SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
JAN 8 1960  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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

January 7, 1960

Well No. **1** is located **1840** ft. from **N** line and **800** ft. from **E** line of sec. **22**

**SE/4 NE/4 Sec. 22**  
(1/4 Sec. and Sec. No.)

**T-32N**  
(Twp.)

**R-13W**  
(Range)

**N.M.P.M.**  
(Meridian)

**Wildcat**  
(Field)

**San Juan County**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **5970** ft.

RECEIVED  
JAN 11 1960  
OIL COAL CO  
DISC 3

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 at approximately **6,000** ft.  
Proposed Casing Program: **200'** **10-3/4"** csg. **32.75#** **H-40**, cemented to surface.  
**3450'** **7-5/8"** csg. **26.40#** **J-55** set as a protector string.  
**6000'** **4-1/2"** csg. **9.50#** **J-55**

We propose to: Set **200'** **10-3/4"** surface csg., drill **9"** hole to **3450'** using mud.  
Log to **3450'** and set **7-5/8"** csg. to this depth as a protector string,  
Move Rotary Tools off, and move Cable Tools in. Drill **6-3/4"** hole  
from **3450'** to T.D. of **6000'** with Cable Tools. A full string of **4 1/2"**  
csg. will be run to T.D. with a stage collar below the Mesaverde  
if log shows to have possibilities in the Mesaverde.

It is anticipated that this well will be dual completed in the Mesaverde-Dakota formation.

Estimated T.D. **6000'**

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 UNION GAS COMPANY**

Address **1001 Burt Building**

**1700 Patterson Street**

**Dallas, Texas**

By

**Vernon J. Lowe**

Title **Drilling Superintendent**

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

Section A.

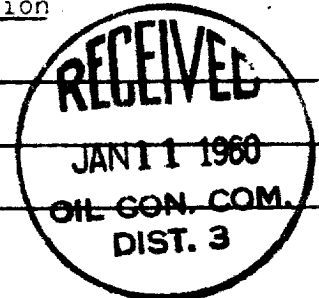
Date November 13, 1959

Operator Southern Union Gas Company Lease Jones  
Well No. 1 Unit Letter H Section 22 Township 32 North Range 13 West, NWPM  
Located 1840 Feet From North Line, 880 Feet From East Line  
County San Juan G. L. Elevation 5960 Dedicated Acreage 320 Acres  
Name of Producing Formation Dakota Pool Wildcat

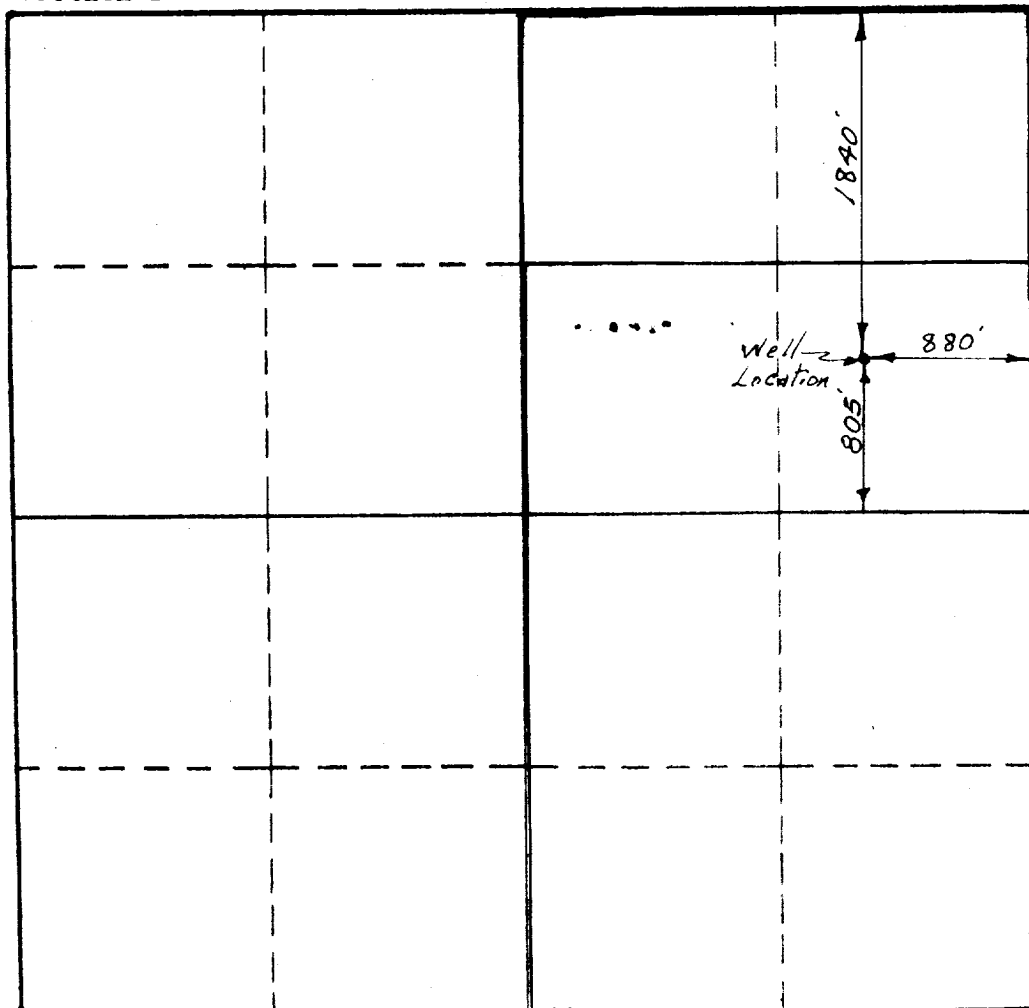
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes X No       .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No       . If answer is "yes," Type of Consolidation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

Owner

Land Description



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 GAS COMPANY

(Operator)

Vernon J. Lowe

(Representative)

Drilling Superintendent

Box 815, 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 Nov. 11, 1959

C. L. Potter  
Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. 3084