

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office .....

Lease No. ....

Unit .....

Navajo Indian Tribe

No. I-149-Ind.-7178

Unit SE<sup>1</sup> NE<sup>1</sup> Sec. 1

T-21-N, R-14-W, 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.....	
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)

May 4, 1952

1952

Well No. <sup>2</sup> Navajo is located 2105 ft. from <sup>[N]</sup><sub>[E]</sub> line and 890 ft. from <sup>[E]</sup><sub>[W]</sub> line of sec. 1SE<sup>1</sup> NE<sup>1</sup> Sec. 1  
(<sup>1</sup>/<sub>4</sub> Sec. and Sec. No.)T-21-N, R-14-W  
(Twp.) (Range)N.M.P.M.  
(Meridian)Stoney Butte  
(Field)San Juan County  
(County or Subdivision)New Mexico  
(State or Territory)

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

## 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)

It is proposed to drill a well to test the Dakota formation. Its top is expected at about 3600'. The following casing schedule is planned:

150' - 10 3/4" O. D. casing cemented with 100 sacks.  
3600' - 7" O. D. casing cemented with 100 sacks.

Well will be drilled with rotary tools to top of Dakota, and cable tools are to be used in drilling formation to a total depth of approximately 4000'.

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 1104 Burt Building

Dallas, Texas

By *Van Thompson*  
Van Thompson  
Title Manager, Exploration Dept.

Company.....**SOUTHERN UNION GAS CO.**.....

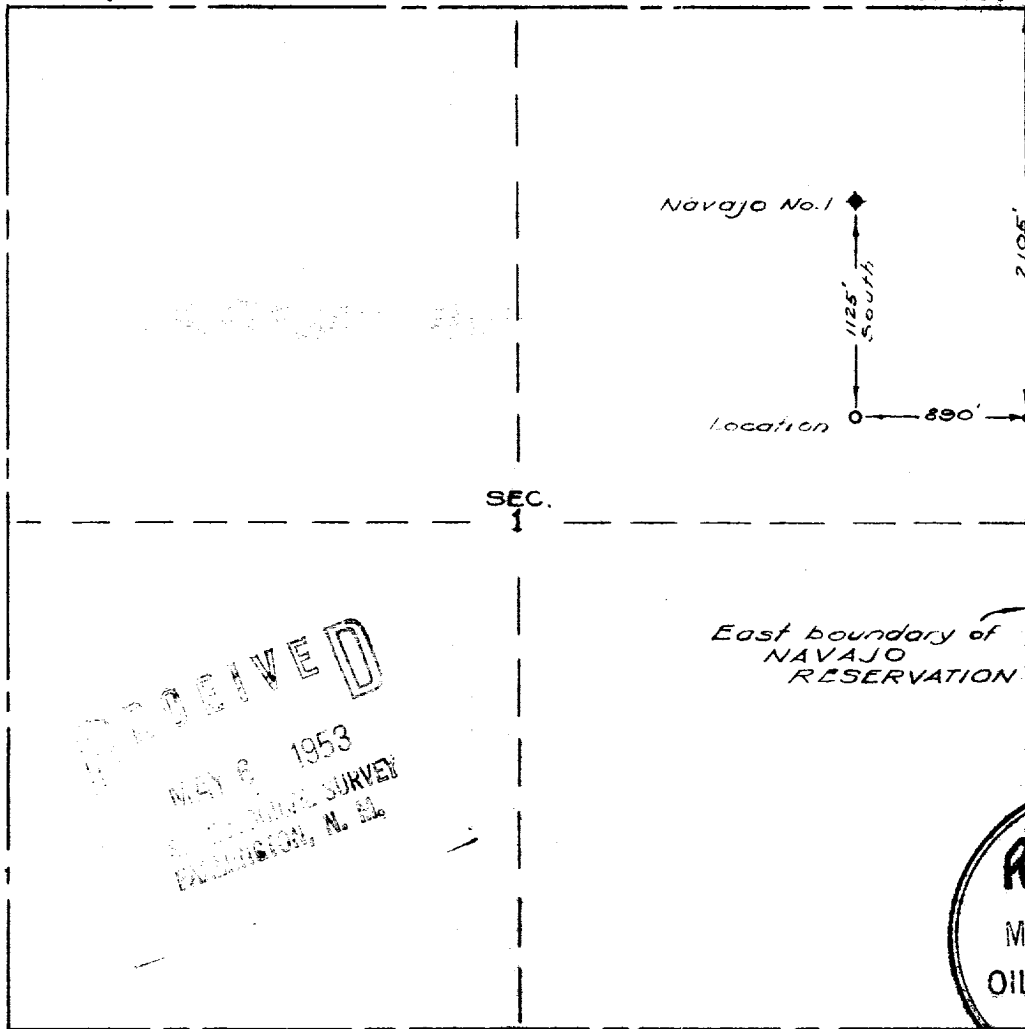
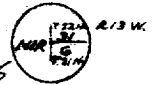
Lease.....Navajo.....Well No. ...2.....

Sec. ....1....., T. ....21..... N., R. ....14....., S. 4. E. M.

Location.....**2105' FROM THE NORTH LINE AND  
890' FROM THE EAST LINE.**.....

County.....**SAN JUAN**.....

State.....**NEW MEXICO**.....



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*Ernest T. Eckhardt*  
Registered Land Surveyor  
N. Mex. Reg. No. 1545

Surveyed.....**APRIL 28**....., 1953