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|     | 33 |  |
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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078931-3

Unit \_\_\_\_\_

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"/>            |  |                          |

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

Well No. 12 is located 800 ft. from N line and 1800 ft. from E line of sec. 33  
NW/4 of Section 33 (1/4 Sec. and Sec. No.) 120N (Twp.) 31W (Range) 108W (Meridian)  
Totalah Dakota Totalah Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground level above sea level is 3800 ft.

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)

We propose to drill a well at the above location to test the Dakota and Gallup formations using rotary tools from surface to total depth, 6350', as follows:

1. Drill 12 1/4" hole to 150'.
2. Run and cement 9 5/8" OD casing 32.3# J-40 at 150' and cement with sufficient volume to circulate cement to surface. WOC 24 hrs. and pressure test casing at 600 psi for 30 minutes.
3. Drill 8 3/4" hole to 6350'.
4. Run Re-Induction, Gamma-Sonic logs from 150' to 6350'.
5. Run and cement 7" OD 20# and 23# J-35 casing at 6350'. Cement in two stages. Cut stage collar 50' below base of Pictured Cliffs formation. 1st stage 300 cu of cement. 2nd stage 50 cu of cement, sufficient volume to cover from 50' below to 50' above Pictured Cliffs formation. WOC 24 hrs. Drill out cement stage collar. Pressure test csg at 1500 psi for 30 minutes.

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

Company Tennessee Gas Transmission Company

Address P. O. Box 1714

Durango, Colorado

By R. H. Walker R. H. Walker

Title District Production Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

Section A.

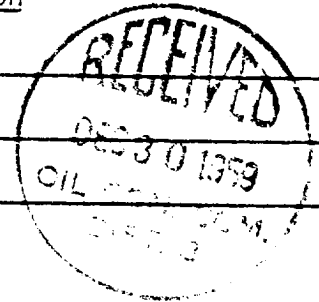
Date December 24, 1959

Operator TENNESSEE GAS TRANSMISSION CO. Lease GLENN H. CALLOW  
Well No. 12 Unit Letter C Section 33 Township 29 N Range 13 W N.M.  
Located 890 Feet From north Line, 1820 Feet From west Line  
County San Juan G. L. Elevation 5822 Dedicated Acreage 40 Acres  
Name of Producing Formation Gallup Pool Totah-Gallup

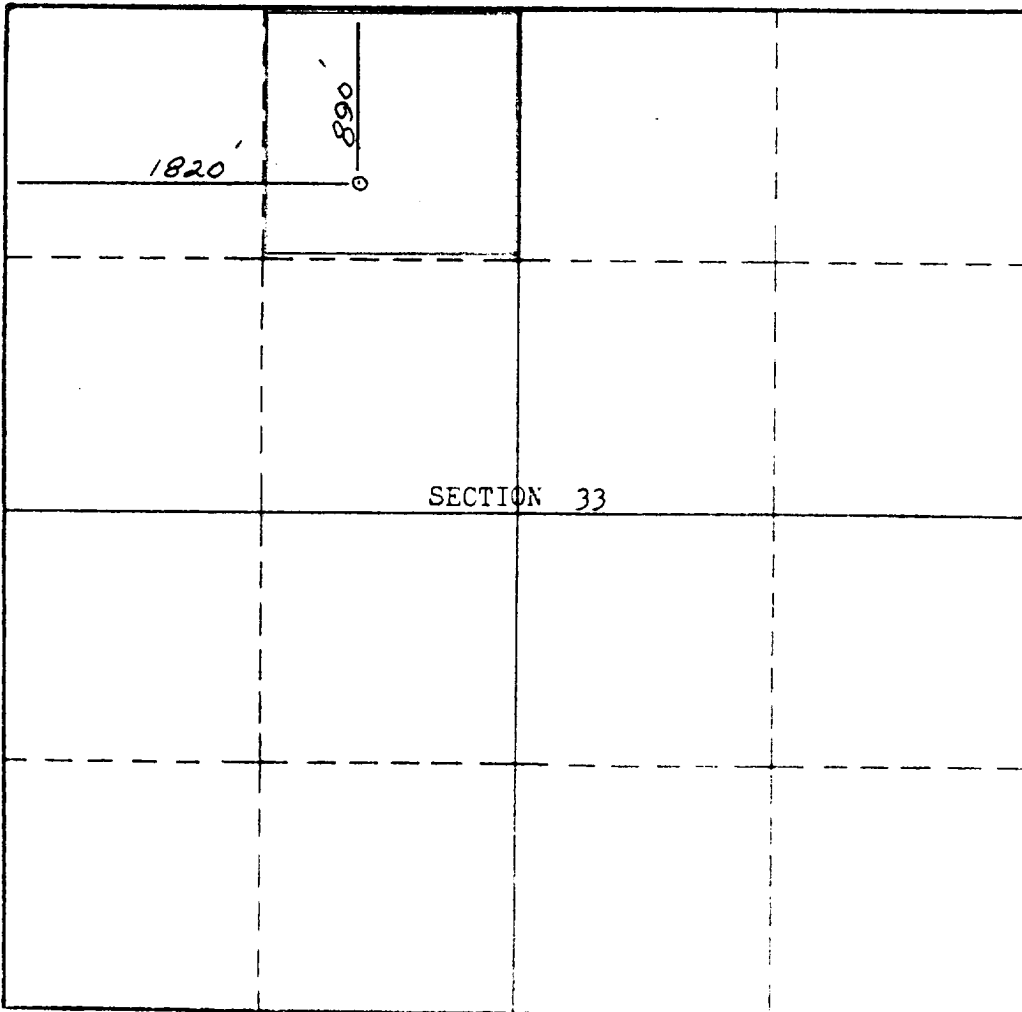
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes X No       .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No       . If answer is "yes," Type of Consolidation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

Tennessee Gas Transmission Co.  
(Operator)  
R. N. Walker  
(Representative)  
P. O. Box 1714  
Durango, Colorado  
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. 16, 1959

Stephen H. K... ..  
Registered Professional  
Engineer and/or Land Surveyor

