

COPY TO O.C.C.

P. O. Box 965
Farmington, New Mexico

April 2, 1956

Southern Union Gas Company
1001 Burt Building
Dallas, Texas

Re: Jicarilla Contract 104
Tract 197

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated March 30, 1956 covering your well No. 5-E Jicarilla in NW $\frac{1}{4}$ sec. 16, T. 26 N., R. 4 W., N. M. P. M., Rio Arriba County, New Mexico, Tapicito Pictured Cliffs pool.

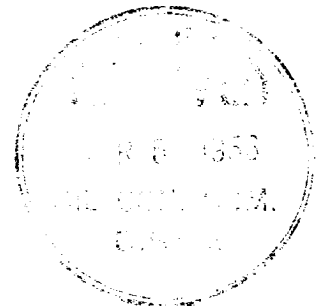
Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

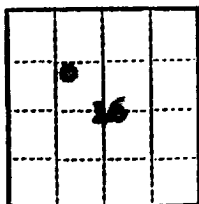
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

Jerry W. Long
Acting District Engineer

JWLong:ae
cc - Jicarilla Agency





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Jicarilla Tribal**
Lease No. **Contract No. 104**
Unit **NW 1/4 Sec. 16, T-66N, R-4W, N.M.P.M., Rio Arriba Co., 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)

March 30, 1956

Jicarilla
Well No. **5-2** is located **1600** ft. from **$\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$** line and **1585** ft. from **$\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$** line of sec. **16**
NW 1/4 Section 16 **T-66-N** **R-4-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Tapicito Pictured Cliffs **Rio Arriba** **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

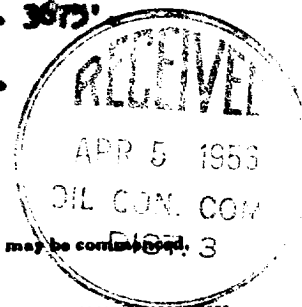
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The objective sand is the Pictured Cliffs formation anticipated at approximately 3575'.

Proposed Casing Program: 200' 9-5/8" J-75 Cemented to surface
3675' 5-1/2" J-75 Cemented with 150 sacks

Rotary Tools will be employed from surface to T.D. Estimated T.D. 3875'

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 **1012 Hurt Building**

Dallas, Texas

By **L. S. Muenich**
L. S. Muenich
Title **Jr. Petroleum Engineer**

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date March 30, 1956

Operator SOUTHERN UNION GAS COMPANY Lease JICARILLA

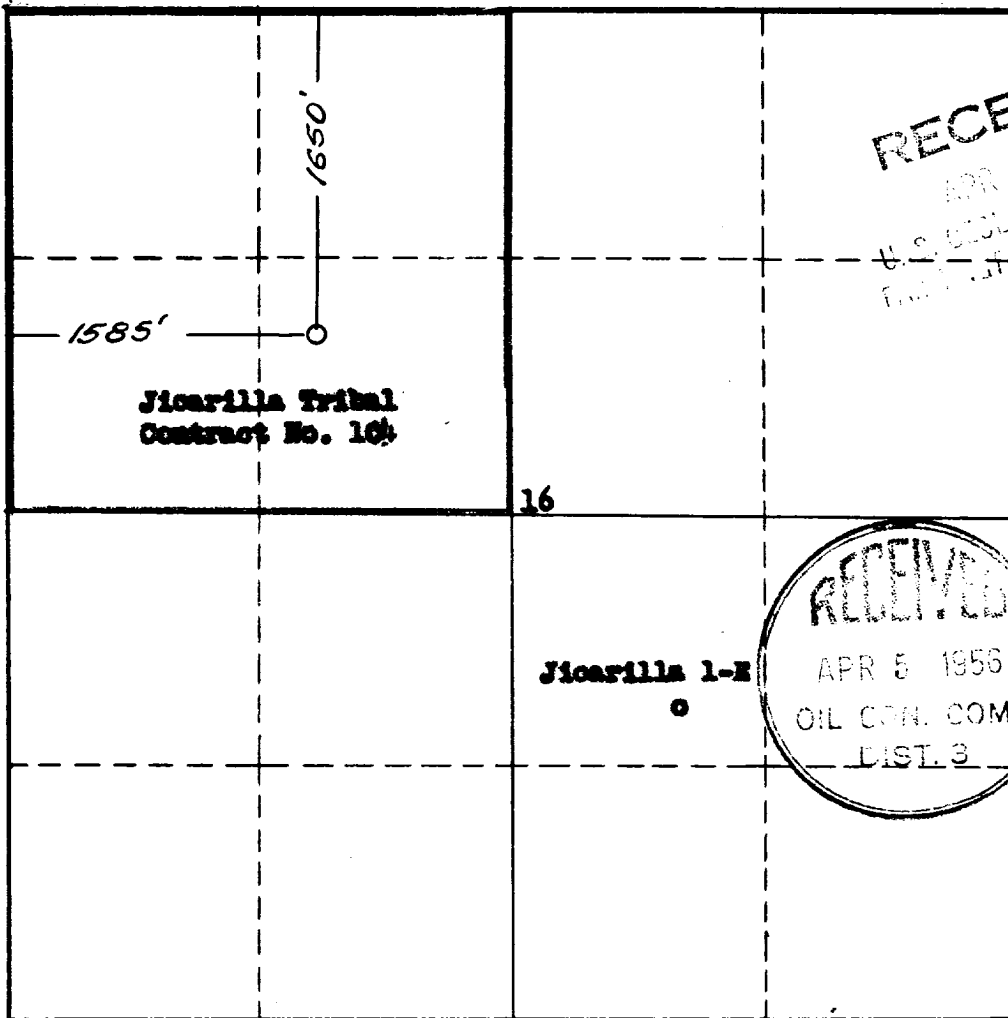
Well No. 5-E Section 16 Township 26 NORTH Range 4 WEST, NMPM

Located 1650 Feet From the NORTH Line, 1585 Feet From the WEST Line,

RIO ARriba County, New Mexico. G. L. Elevation To be determined

Name of Producing Formation Pictured Cliffs Pool Rayito P. C. Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes ___ No X.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage ? Yes ___ No ___.

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.

Name L. S. Mesnick L. S. Mesnick
Position Jr. Petroleum Engineer
Representing Southern Union Gas Company
Address 1001 East Hlgh., Dallas, Texas

Date Surveyed 23 MARCH 1956
James P. Leese
Registered Professional Engineer and/or
Land Surveyor James P. Leese
N. Mex. Reg. No. 1463