



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

COPY TO O.C.C.

June 17, 1955

Southern Union Gas Company
Burt Building
Dallas, Texas

Re: Jicarilla Contract #145

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 10, 1955 covering your well No. X Jicarilla in SE 1/4 SW 1/4 sec. 1, T. 25 N., R. 5 W., N. M. P. M., Rio Arriba County, New Mexico, Wildcat 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,

(Orig. Sgd.) A. P. KLEEMAN

A. P. Kleeman
Acting District Engineer

APKleeman:as

Jicarilla Agency



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



COPY TO O.C.G.

June 1, 1952

Mr. [Name] [Address] [City] [State] [Zip]

Dear Mr. [Name]:

Reference is made to your letter of [Date] regarding [Subject].

Enclosed for you are [Number] copies of [Document Name] dated [Date] and [Document Name] dated [Date]. These documents contain the results of the [Study/Investigation] conducted by the [Agency/Department] in [Location/Field].

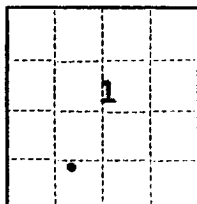
It is noted that you are interested in the [Specific Aspect] of the [Study/Investigation]. The [Specific Aspect] is discussed in detail in the [Document Name] dated [Date].

Very truly yours,
[Signature]

[Name]

(100-241) A-102 (10)





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Jicarilla Apache
Tribe of Indians**
Lease No. **Contract No. 145**
Unit **SW $\frac{1}{4}$, Section 1, T25N,
R5W N.M.P.M. Rio Arriba
County, New Mexico**

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	JUN 10 1955
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	U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	FARMINGTON, N.M.
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)

June 10, 1955

Well No. **3K Jicarilla** is located **1040** ft. from **NE** line and **1690** ft. from **WE** line of sec. **1**
SE $\frac{1}{4}$, SW $\frac{1}{4}$, Section 1 **T25N** **R5W** **N.M.P.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **PC** **Rio Arriba County** **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)

Objective sand will be the Pictured Cliffs formation anticipated at approximately 3000'.

Proposed casing Program: 200' 10 3/4" J-55 Cemented to Surface.
3000' 7 " J-55 Cemented with 150 Sacks.

Rotary tools will be employed from surface to top of Pictured Cliffs formation.

Cable tools will be employed from top of Pictured Cliffs to Total Depth.

The well will be sand oil fraced in an effort to stimulate production. Estimated T.D. 3100'.

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

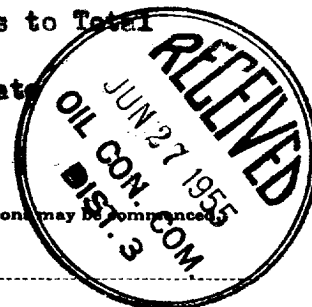
Company **SOUTHERN UNION GAS COMPANY**

Address **BURT BUILDING**

DALLAS, TEXAS

By **Lenwood S. Muennink**

Title **Jr. Petroleum Engineer**



COMPANY Southern Union Gas Company

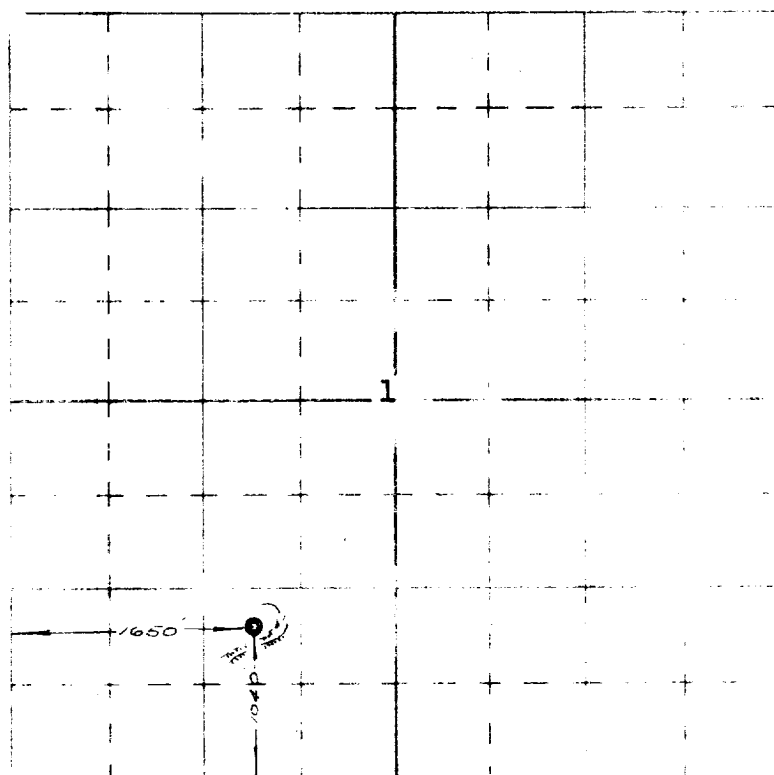
Well Name & No. Jicarilla 3K Lease No. Jicarilla Tribal
Contract No. 145

Location 1040' from the South line and 1650' from the West line.

Being in SE 1/4 SW 1/4

Sec. 1, T. 25 N, R. 5 W., N.M.P.M., Rio Arriba County, New Mexico.

Ground Elevation



Scale -- 4 inches equals 1 mile

Surveyed June 8, 1955

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 V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545



RECEIVED
JUN 17 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO