



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

June 24, 1955

Southern Union Gas Company
Burt Building
Dallas, Texas

Re: Santa Fe 080724

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 21, 1955 covering your well No. 8 Zachry in NE $\frac{1}{4}$ sec. 33, T. 29 N., R. 10 W., N. M. P. M., San Juan County, New Mexico, Astee-Pictured Cliffs (ext).

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:

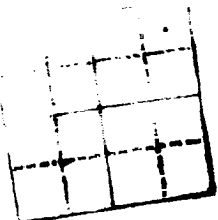
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) P. T. McGrath

P. T. McGrath
District Engineer

PTMcGrath:ac



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C. 20548



June 1952

Geological Survey
Building
Dallas, Texas

Mr. J. H. ...

Dear Sir:

Enclosed for your information are two copies of a report on the geology of the ...
Your interest in the geology of the ...
is appreciated. The report is being sent to you for your information and for the ...
of the following ...

This report is being sent to you for your information and for the ...
of the following ...

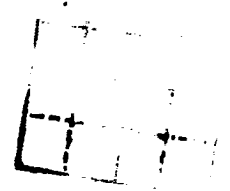
Very truly yours,

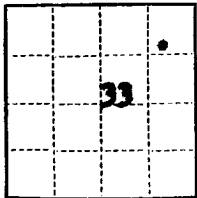
Very truly yours,

10000 (Rev. 9-7-50)

U. S. G. S.
Washington, D. C.

10000 (Rev. 9-7-50)





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF 080724
Unit NE1, Section 33,
T29N, R10W, N.M.P.M.
San Juan County, 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)

June 21, 1955

Well No. 8 Zachary is located 990 ft. from N line and 990 ft. from E line of sec. 33

NE1, Section 33 (1/4 Sec. and Sec. No.) T29N (Twp.) R10W (Range) N.M.P.M. (Meridian)
Antee Pictured Cliffs (Ext) (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 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 is the Pictured Cliffs formation anticipated at approximately 2000'.

Proposed Casing Program: 100' 9 5/8" J-55 Cemented to Surface.
2000' 5 1/2" J-55 Cemented with 100 Sacks.

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

Cable Tools will be employed from top of Pictured Cliffs to estimated TD of 2775'

The Well will be sand oil 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 commenced.

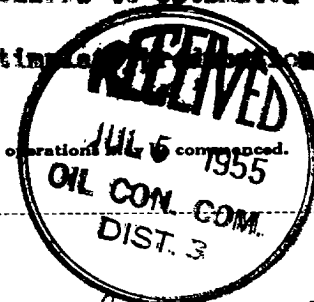
Company SOUTHERN UNION GAS COMPANY

Address WURT BUILDING

DALLAS, TEXAS

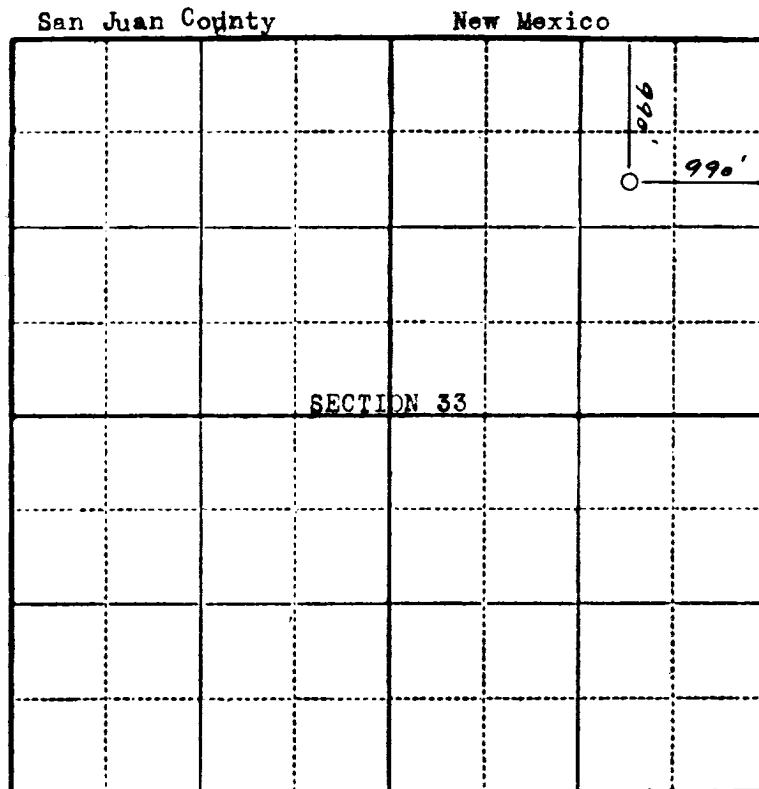
By Lawrence S. Mummink

Title JR. PETROLEUM ENGINEER



Company Southern Union Gas Co.
Lease **Leachy** Well No. **8**
Sec. **33** T. **29 N** R. **10 W** N.M.P.M.
Location 990 feet from north line; 990 feet from
east line; being in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$

Elevation:



Scale—4 inches equal 1 mile.

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.

Stephen H. Kinney

STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Surveyed June 10 19 55

Seal:

RECEIVED
JUL 5 1955
OIL CON. COM.
DIST. 3

