

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office **Santa Fe**
Lease No. **SF 080724**
Unit **SE 1/4 Sec. 34, 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)

March 24, 1955

Well No. **4 Zachary** is located **990** ft. from **S** line and **890** ft. from **E** line of sec. **34**

SE 1/4 Sec. 34
(1/4 Sec. and Sec. No.)

T29N
(Twp.)

R10W
(Range)

N.M.P.M.
(Meridian)

Petisco Pute
(Field)

San Juan
(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)

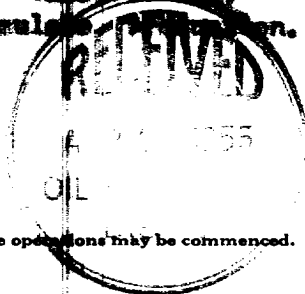
Objective sand is the **Pictured Cliff Formation** anticipated at approximately **1900'**.

Proposed casing program: **90' of 2-5/8" J-55 cemented to surface.**

1900' of 3-1/2" J-55 cemented with 120 sacks.

Rotary tools will be employed from surface to top of **Pictured Cliff Formation**. Cable tools will be employed from top of **Pictured Cliff** to **bottom**.

The well will be shot or sand fraced in an effort to stimulate production. Estimated T.D. **1975'**.



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 **Fort Bldg.**

Dallas, Texas

By *Charles J. Blate*

Title **Petroleum Engineer**

Company SOUTHERN UNION GAS CO.

Lease Zachary

Well No. 4

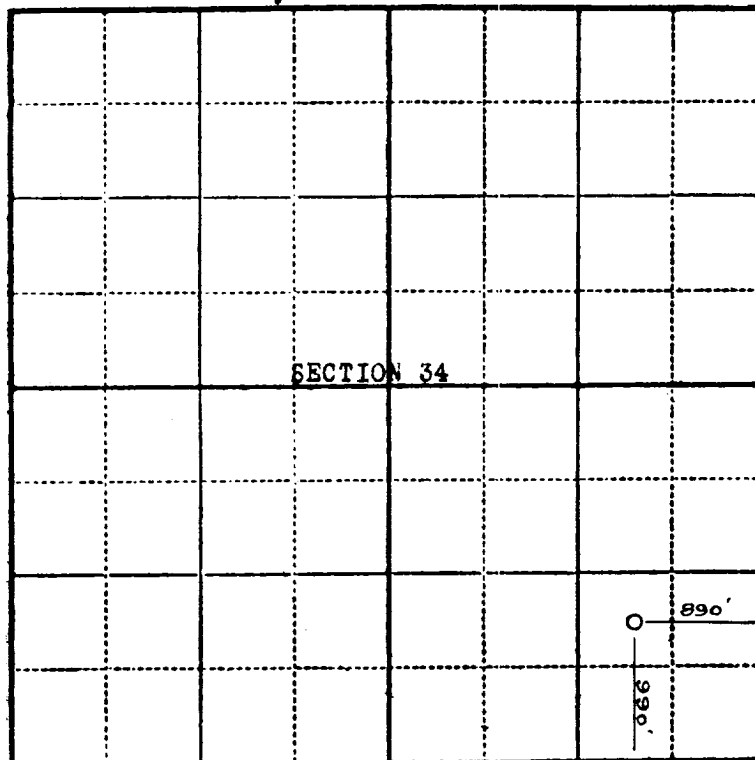
Sec. 34 T. 29 N. R. 10 W. NMPM

Location 990 feet from South line;
890 feet from East line

Elevation:

San Juan County

New Mexico



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.

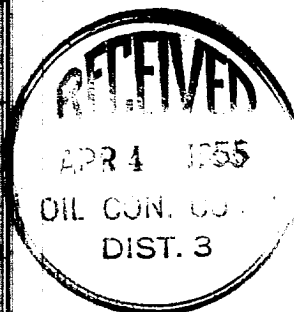
Stephen H. Kinney

STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Surveyed March 18, 1955

Seal:

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO



N. M. DE CONSERVATION COMM.
AZTEC, NEW MEXICO

APPROVED