



COPY TO O.G.C.

IN REPLY REFER TO:

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

July 15, 1955

El Paso Natural Gas Company  
Box 997  
Farmington, New Mexico

Re: Santa Fe 079049-3  
14-08-001-1051

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated July 13, 1955 covering your well No. 34 San Juan 28-6 Unit in NE $\frac{1}{4}$  sec. 32, T. 28 N., R. 6 W., N. M. P. M., Rio Arriba County, New Mexico, Blanco 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:

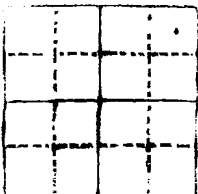
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) P. T. McGRATH

P. T. McGrath  
District Engineer

PTMcGrath:ac



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COPY TO D.C.G.



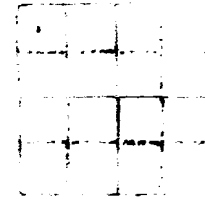
TO THE DIRECTOR, GEOLOGICAL SURVEY  
WASHINGTON, D. C.

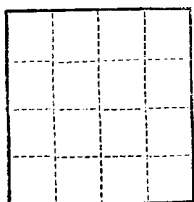
FROM THE CHIEF OF FIELD OFFICE  
SALT LAKE CITY, UTAH

SUBJECT: [Illegible]

[The following text is extremely faint and largely illegible, appearing to be a memorandum or report.]

Very truly yours,  
[Illegible Signature]





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 079049-B  
Unit San Juan 28-6 Unit  
14-00-001-1051

## 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.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<input type="checkbox"/>	

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

July 13, 1955

Well No. 34 is located 390 ft. from N line and 350 ft. from E line of sec. 32

NE Section 32

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

20N

(Twp.)

6W

(Range)

DEPM

(Meridian)

Blanco

(Field)

Rio Arriba

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 6502 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)

It is intended to drill a well with rotary tools through the Mesa Verde drilling the pay section with gas circulation, and to sandoil the Cliff House and Point Lookout formations. Total Depth 5570'.

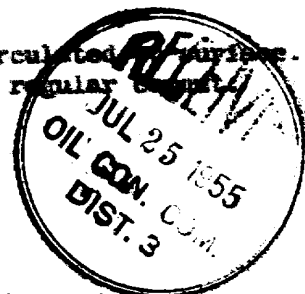
#### Casing Program:

9 5/8" at 170' with 125 sacks regular cement circulated for purpose.  
7" at 4845' with 250 sacks Pozmix and 250 sacks regular cement.

The E/2 of Section 32 is dedicated to this well.

LF 079049-B (NE)

LF 079051 (SE).



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

Company El Paso Natural Gas Company

Address Box 997

Farmington, New Mexico

By [Signature]

Title Petroleum Engineer

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.