



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

May 5, 1955

El Paso Natural Gas Company
Box 997
Farmington, New Mexico

Re: Santa Fe 078497-A
14-08-001-459

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated May 4, 1955 covering your well No. 31 San Juan 28-7 Unit in SW¹ sec. 20, T. 28 N., R. 7 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:

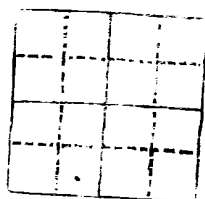
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.
3. Approved subject to the approval of the New Mexico Oil Conservation Commission of this unorthodox location.

Very truly yours,

(Orig. Sgd.) P. T. McGrath

P. T. McGrath
District Engineer

PTMcGrath:ac



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
WASHINGTON, D. C. 20540



1967

1967

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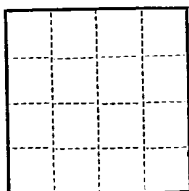
1967

1967

(SUBMIT IN TRIPLICATE)

Land Office **078497-A**
Lease No. **San Juan 28-7 Unit**
Unit **14-06-001-459**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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)

May 4, 19**55**

Well No. **31** is located **681** ft. from **N** line and **2024** ft. from **E** line of sec. **20**
Section 20 **28N** **7W** **NPM**
 (Field) (Twp.) (Range) (Meridian) (State or Territory)
Blanco **Rio Arriba** **New Mexico**

The elevation of the derrick floor above sea level is **6001** 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 sand-oil the Cliff House and Point Lookout formations. Total Depth 4960'.

Casing Program:

9 5/8" at 170' with 125 sacks regular cement circulated to surface.
7" at 4180' with 250 sacks Punnix and 250 sacks regular cement.

The W/2 of Section 20 is dedicated to this well.
(W/2) SW 078497-A.

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**

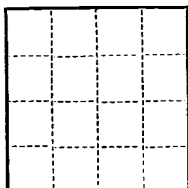
Address **Box 997**
Farmington, New Mexico

By **ORIGINAL SIGNED E. J. COEL**
Title **Petroleum Engineer**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **078497-A**
San Juan 28-7 Unit
Unit **14-08-001-459**



SUNDRY NOTICES AND REPORTS ON WELLS

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|---|-------------------------------------|---|--|
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| NOTICE OF INTENTION TO CHANGE PLANS..... | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | |
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| 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)

May 4, 1955

Well No. **31** is located **618** ft. from **14N** line and **2024** ft. from **14E** line of sec. **20**

SW Section 20 **28N** **7W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco **Rio Arriba** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6001** 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 sand-oil the Cliff House and Point Lookout formations. Total Depth 4960'.

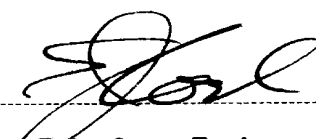
Casing Program:

9 5/8" at 170' with 125 sacks regular cement circulated to surface.
7" at 4180' with 250 sacks Pozmix and 250 sacks regular cement.

The W/2 of Section 20 is dedicated to this well.
(W/2) SW 078497-A.

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 
Title **Petroleum Engineer**

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date May 4, 1955

El Paso Natural Gas Company San Juan 28-7 Unit 31
Operator Lease Well No.

Name of Producing Formation Mesa Verde Pool Blanco

No. Acres Dedicated to the Well 320

Indicate land status and show ownership Federal

SECTION 20 TOWNSHIP 28N RANGE 7W

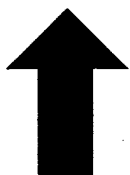
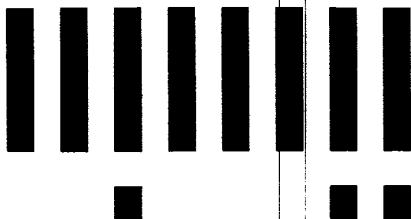
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S.F. 078497-A

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name *E. Ford*
Position Petroleum Engineer
Representing El Paso Natural Gas Co.
Address Box 997, Farmington, N.M.

(over)



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL POTENTIAL TEST-DATA SHEET

FORM C-122-B

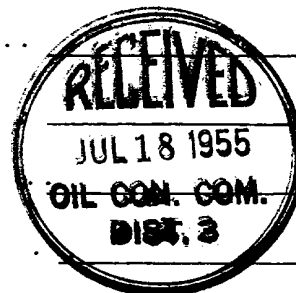
This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL Blanco FORMATION Mesa Verde
COUNTY Rio Arriba DATE WELL TESTED July 14, 1955

Operator El Paso Natural Gas Co. Lease San Juan 28-7 Well No. 31
1/4 Section SW Unit Letter I Sec. 20 Twp. 28N Rge. 7W
Casing: 7.0" "O.D. Set At 4147 Tubing 2.0" "WT. 4.7 Set At 4894
Pay Zone: From 4147 to 4910 Gas Gravity: Meas. _____ Est. _____
Tested Through: Casing I Tubing _____
Test Nipple 2" I.D. Type of Gauge Used I
(Spring) (Monometer)

OBSERVED DATA

Shut In Pressure: Casing 1025 psig Tubing: 1046 psig S. I. Period 10 days
Time Well Opened: 11:50 A.M. Time Well Gauged: 2:50 P.M.
Impact Pressure: 34 psig Working Pressure on Tubing 153 psig
Volume (Table I) (a)
Multiplier for Pipe or Casing (Table II) (b)
Multiplier for Flowing Temp. (Table III) (c)
Multiplier for SP. Gravity (Table IV) (d)
Ave. Barometer Pressure at Wellhead (Table V)
Multiplier for Barometric Pressure (Table VI) (e)
Initial Potential, Mcf/24 Hrs. (a) x (b) x (c) x (d) x (e) = 4116



Witnessed by: _____ Tested by: T. B. Grant
Company: _____ Company: El Paso Natural Gas Co.
Title: _____ Title: Gas Engineer