

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Form O-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach form O-128 in triplicate to first 3 copies of form O-101

Farmington, New Mexico

May 11, 1962

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

El Paso Natural Gas Company

Rincon Unit

Well No. 156

M

The well is

located 1090

West

feet from the

South

line and 1050

feet from the

line of Section 16

T. 27N

R. 6W

NMPM.

(GIVE LOCATION FROM SECTION LINE)

Basin Dakota

Pool,

Rio Arriba

County

If State Land the Oil and Gas Lease is No. E-290-28

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Mud drill with rotary tools thru the Dakota formation

The status of plugging bond is Statewide

Drilling Contractor

Great Western Drilling Company

We intend to complete this well in the Dakota

formation at an approximate depth of 7814

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
13 3/4"	9 5/8"	32.3#	New	280'	190
8 3/4"				5786'	
7 7/8"	4 1/2"	10.5 & 11.6	New	7814'	460 sks. in 3 stages

If changes in the above plans become advisable we will notify you immediately

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work)

It is intended to mud drill a well with rotary tools thru the Dakota formation and to perf. and fracture possible producing zones. 2 stage tool 50' - 100' below base of Point Lookout. 3 Stage tool 50' - 100' below base of Pictured Cliffs. Cement first stage w/130 sks. cement to cover 100' above Greenhorn, 2nd Stage w/200 sks. cement to cover 100' above Cliff House. 3rd Stg. w/180 sks cement to cover Ojo Alamo. The S/2 of Sec. 16 is dedicated to this well.

Approved
Except as follows:

5-15-62

El Paso Natural Gas Company

By

W. W. Meekhan

Position Petroleum Engineer

Send Communications regarding well to

Name E. S. Oberly

Address Box 990, Farmington, New Mexico

OIL CONSERVATION COMMISSION

By

A. R. Gaudich



NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date **MAY 10, 1962**

Operator **EL PASO NATURAL GAS COMPANY** Lease **RINCON** E-290-28
 Well No. **156** Unit Letter **M** Section **16** Township **27-N** Range **6-W** NMPM
 Located **1090** Feet From **SOUTH** Line, **1050** Feet From **WEST** Line
 County **RIO ARriba** G. L. Elevation **6661** Dedicated Acreage **320** Acres
 Name of Producing Formation **DAKOTA** Pool **BASIN DAKOTA**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

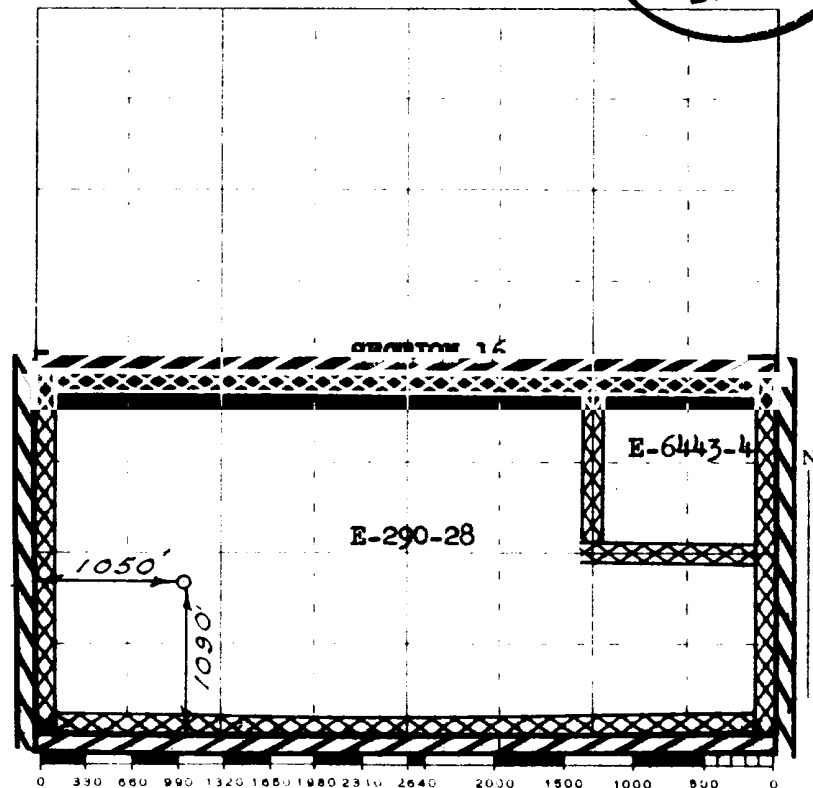
El Paso Natural Gas Company

(Operator)
 Original Signed **D. W. Meehan**
 (Representative)

Box 990

(Address)
Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



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.

(Seal)

Date Surveyed **MAY 3, 1962**

Farmington, New Mexico

David O. Kilmer
 Registered Professional Engineer and/or Land Surveyor

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 13, 1962

Operator El Paso Natural Gas Company		Lease Rincon Unit No. 156	
Location 1090'S, 1050'W, Sec. 16-27-6		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7814	Tubing: Diameter 2-3/8	Set At: Feet 7669
Pay Zone: From 7502	To 7700	Total Depth: 7814 c/o 7741	Shut In 6-5-62
Stimulation Method Sand/Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 2558	+ 12 PSIA 2570	Days Shut-In 8	Shut-In Pressure, Tubing, PSIG 2489
Flowing Pressure: P, PSIG 230	+ 12 PSIA 242	Working Pressure: Pw, PSIG 929	+ 12 PSIA 941
Temperature: T 74 F	Ft. .9869	Fpv (From Tables) 1.023	Gravity .668 Fg .9498

CHOKE VOLUME $Q = C \times P_i \times F_t \times F_g \times F_{pv}$

$$Q = (12.365)(242)(.9868)(.9498)(1.023) = 2869 \text{ MCF/D}$$

$$\text{OPEN FLOW } Aof \quad Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof \left(\frac{6,604,900}{5,719,419} \right)^n = (1.1548)^{.75} (2869) = (1.1140)(2869)$$

$$Aof = 3196 \text{ MCF/D}$$

NOTE: Made slug of light oil approximately 2 minutes after turning on and made light spray of oil and some water throughout test.

TESTED BY R. F. Headrick

WITNESSED BY

Checked by W. D. Dawson

Lewis D. Galloway
Lewis D. Galloway

