



COPY TO O.C.G.

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

IN REPLY REFER TO:

December 29, 1955

El Paso Natural Gas Company
Box 997
Farmington, New Mexico

Re: New Mexico 03380

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated December 28, 1955 covering your well No. 4-D Florence in NE¹ sec. 20, T. 27 N., R. 8 W., N. M. P. M., San Juan County, New Mexico, Blanco Ext.

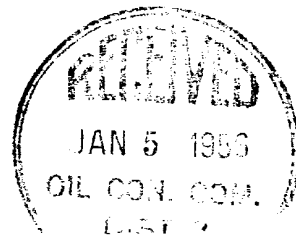
Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

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

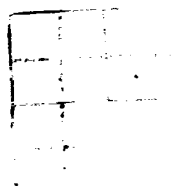
Very truly yours,

Jerry W. Long
Acting District Engineer

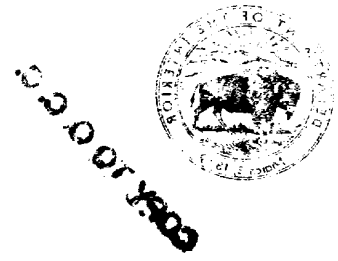
JWLong:ac



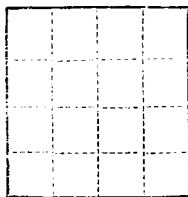
Approved
12/29/55



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. 93350
Unit Florencia

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)

December 23, 1955

Well No. 4-D is located 1340 ft. from N line and 1000 ft. from E line of sec. 20

NE Section 20 (1/4 Sec. and Sec. No.) 27N (Twp.) 3E (Range) 107W (Meridian)
Wilcox (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6740 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 thru the Mesa Verde formation. Air circulation will be used thru the Pictured Cliffs and set intermediate casing. Gas circulation will be used thru the Mesa Verde and a liner will be set. Possible productive intervals will be perforated and fractured. T.D. 5255'.

Casing Program:

9 5/8" at 170' with 125 sacks cement circulated to the surface.
7" at 2060' with 250 sacks cement.
5 1/2" at 5255' with 150 sacks cement.

The E/2 of Section 20 is dedicated to this well.

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 J. F. Judd

Title Petroleum Engineer

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 Mesa Verde FORMATION Mesa Verde
COUNTY San Juan DATE WELL TESTED March 7, 1956

OPERATOR El Paso Natural Gas LEASE Floreance WELL NO. 1-5
1810711
1/4 SECTION: 1800'E UNIT LETTER G SEC. 20 TWP. 27N RGE. 01
52 - 5242
CASING: 7 " O.D. SET AT 2805 TUBING 2 " WT. 4.7 SET AT 5169
PAY ZONE: FROM _____ TO _____ GAS GRAVITY: MEAS. _____ EST. _____
TESTED THROUGH: CASING _____ TUBING X
TEST NIPPLE 2" x I.D. TYPE OF GAUGE USED ☒ (Spring) ☐ (Monometer)

OBSERVED DATA

SHUT IN PRESSURE: CASING 1032 psig TUBING: 1027 psig S. I. PERIOD 0 days
TIME WELL OPENED: 11:53 A.M. TIME WELL GAUGED: 2:53 P.M.
IMPACT PRESSURE: 18.6 Hg. Working pressure on casing 457 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) = 1,904

WITNESSED BY: _____ TESTED BY: T. B. Grant
COMPANY: _____ COMPANY: El Paso Natural Gas Company
TITLE: _____ TITLE: Gas Engineer

* Attempted test February 28 through 0.750" choke nipple. Choke iced up.
This test was run through (2" or 1.995") I.D. flow nipple.

CONSERVATION COMMISSION

AITEC DISTRICT OFFICE

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