

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **March 23, 1960**

Operator El Paso Natural Gas Company		Lease Day No. 6-B	
Location 1700N, 1750W; 7-27-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 3001	Tubing: Diameter 1-1/4	Set At: Feet 2877
Pay Zone: From 2882	To 2934	Total Depth: 3002 c/o 2930	Shut In 2/17/60
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 794	PSIA 806	Days Shut-In 35	Shut-In Pressure, Tubing, PSIG 795
Flowing Pressure: P, PSIG 186	PSIA 198	Working Pressure: P _w , PSIG 194	PSIA 206
Temperature: T, °F 61	F _r .9990	F _p .85	Gravity F _g .9721
		F _{pv} (From Tables) 1.017	

CHOKE VOLUME $Q = C \times P_c \times F_r \times F_g \times F_{pv}$

$$Q = 12.365 \times 198 \times .9990 \times .9721 \times 1.017 = 2418 \text{ MCF/D}$$

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{651249}{608813} \right)^n \quad 1.0697^{.85} \times 2418 = 1.0590 \times 2418$$

$$A_{of} = 2561 \text{ MCF/D}$$

TESTED BY **W. D. Dawson**

WITNESSED BY



Lewis D. Galloway
L. D. Galloway

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

April 13, 1960

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company

Day

Well No.

6-3

in

SE

1/4

NW

1/4

(Company or Operator)

(Lease)

F

Sec.

7

T

27N

R

8W

NMPM

So. Kansas P. G. Ext.

Pool

Unit Letter

San Juan

County. Date Spudded

1-28-60

Date Drilling Completed

2-2-60

Please indicate location:

Elevation

6774'

Total Depth

3001'

2992'/Fish 2939'

Top Oil/Gas Pay

2882' (Perf.)

Name of Prod. Form.

Pictured Cliffs

PRODUCING INTERVAL -

Perforations

2882-2902; 2912-2920; 2926-2934

Open Hole

None

Depth

3001'

Depth

2877'

Casing Shoe

Tubing

OIL WELL TEST -

Natural Prod. Test:

bbbls. oil,

bbbls. water in

hrs,

Choke

min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of

load oil used):

bbbls. oil,

bbbls. water in

hrs,

min. Size

GAS WELL TEST -

Natural Prod. Test:

MCF/Day; Hours flowed

Choke Size

Tubing, Casing and Cementing Record

Size

Feet

Size

9 5/8	108'	75
5 1/2"	2991'	100
1 1/4"	2877'	---

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment:

2561

MCF/Day; Hours flowed

3

Choke Size

3/4"

Method of Testing:

Calculated A.O.F.

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand):

40,908 gal. water & 20,000# sand.

Casing

Press.

806

Tubing

Press.

807

Date first new

oil run to tanks

Oil Transporter

El Paso Natural Gas Products Company

Gas Transporter

El Paso Natural Gas Company

Remarks:

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

Approved

APR 14 1960

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El Paso Natural Gas Company

(Company or Operator)

By: ORIGINAL SIGNED H.E. McANALLY

(Signature)

Title: Petroleum Engineer

Send Communications regarding well to:

E. S. Oberly

Name

Address: Box 997, Farmington, New Mexico

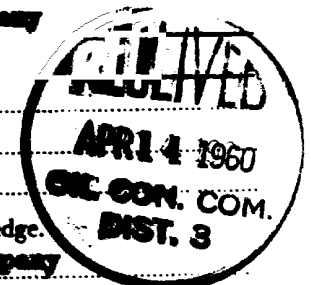
OIL CONSERVATION COMMISSION

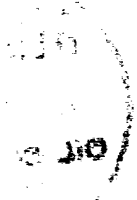
Original Signed By

By: A. R. KENDRICK

PETROLEUM ENGINEER DIST. NO. 3

Title





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OIL CONSERVATION COMMISSION		
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