

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool BLANC Formation RV County RA
Well Name SJ 20-6 UNIT 466 80414
Unit K S 9 T 29 R 0 Pay Zone 5500 To 5950 Flow String CASING
Casing O D 7.000 Wt 23.00 Set at 5500 Tubing O D 2.875 Wt 6.40 L 5475 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

09-11-61

From 09-06-61

To 09-14-61

06-02-61

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing 1061 (j) Tubing (k) 0000 (e) 0000 (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .672

G. L. = 3701 $1-e^{-6} =$.236 $(F_c Q)^2 =$ 487

$(1-e^{-6})(F_c Q)^2 = R^2 =$ 119 $P_i^2 =$ 241121 $P_w^2 =$ USE PT2

$Q =$ 852 $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] =$ 852

$D = Q$ 852 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{.9758}{.9817} \right]^N = \frac{.9817}{.9817} \right) =$ 836



CORRECTED COPY

SUMMARY

$P_c =$ 1061 psia
 $Q =$ 852 MCF/D
 $P_w =$ 511 psia
 $P_d =$ 531 psia
 $D =$ 836 MCF/D

Company

EL PASO NATURAL GAS COMPANY

By

H. L. KENDRICK
GAS ENGINEER

Title

Witnessed By

Company



LTR



Job separation sheet

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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

June 21, 1961

(Place)

(Date)

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

El Paso Natural Gas Company San Juan 29-6 Unit, Well No. 66, in NE $\frac{1}{4}$ SW $\frac{1}{4}$,

(Company or Operator)

(Lease)

K, Sec. 9, T. 29-N, R. 6-W, NMPM, Blanco Mesa Verde Pool

Unit Letter

Rio Arriba

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

1450 S, 1850 W

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Size
<u>9 5/8"</u>	<u>272</u>	<u>300</u>
<u>7"</u>	<u>3901</u>	<u>105</u>
<u>2 7/8"</u>	<u>5994</u>	<u>200</u>

County. San Juan Date Spudded 3-15-61 Date Drilling Completed 3-27-61
Elevation 6761 Total Depth 6010 ~~ESTD~~ c.o. 5991

Top Oil/Gas Pay 5508' (Perf) Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL - 5508-5516; 5842-5850; 5870-5876;

Perforations 5900-5906; 5912-5932; 5940-5950

Open Hole None Depth 6005 Casing Shoe 6005 Depth Tubing

OIL WELL TEST -

Natural Prod. Test: bbls, oil, bbls water in hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): bbls, oil, bbls water in hrs, min. Size

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

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

Test After Acid or Fracture Treatment: 3062 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): 80,000 gal water

Casing 1061 Tubing Date first new Press. 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 JUN. 26, 1961, 1961

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

El Paso Natural Gas Company

(Company or Operator)

ORIGINAL SIGNED A.M. SMITH

By: (Signature)

Title Petroleum Engineer

Send Communications regarding well to: E. S. Oberly

Name

Address Box 990, Farmington, New Mexico

