

Initial
Deliverability Test

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

FORM G-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 Basin Formation Dakota County Rio Arriba

Well Name San Juan Unit 27-4 No. 30 75-196

Unit H S 32 T 27 R 4 Pay Zone 8158 To 8348 Flow String Tubing

Casing O D 4.5 Wt 10.5 Set at 8494 Tubing O D 2.375 Wt 4.7 L 8330 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 _____
From 5-10-62 To 5-18-62 11-9-61

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 2348 (j) Tubing 2038 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 561 (g) Corrected 563 (h) P_t 563 (i) Gravity .709

G. L. = 5906 $1-e^{-s} =$.349 $(F_c Q)^2 =$ 143.018

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 4991.3 $P_i^2 =$ 316969 $P_w^2 =$ 366882

$Q =$ 1272 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1272

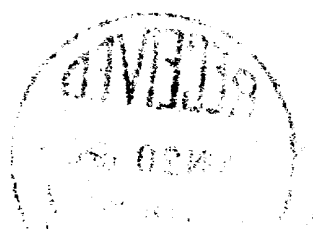
$D = Q$ 1272 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$.8638 1099

SUMMARY

$P_c =$ 2038 psia
 $Q =$ 1272 MCF/D
 $P_w =$ 606 psia
 $P_d =$ 1019 psia
 $D =$ 1099 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Hendrick
Title Sr. Gas Engineer
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

Recompletion

This form shall be submitted by the owner before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE 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 bbl at 60° Fahrenheit.

Farmington, New Mexico
Place

9-13-62
(Date)

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

El Paso Natural Gas Co. San Juan Unit 27-4 Well No 30 in SE 1/4 SW 1/4
(Company or Operator) (Lease)

N Sec 32 T 27 R 4 NADP Basin Dakota Pool
Unit Lower
Rio Arriba Re: Completed Date 8-2-62

Please indicate location

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

County Date Spudded
Elevation 7168 (G) Date 8-4-62
8432 Dakota

Depth 8494
8360

Natural Prod. test: hrs. min. Size
Test after acid fracture treatment (after recovery of volume of oil equal to volume of Choke
Load: hrs. min. Size

Natural Prod. test: MCF/day; hours flowed Choke Size

Method of testing (test, back pressure, etc.):

Test after acid fracture treatment: MCF/day; hours flowed

Choke Size: within oil testing:

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

Casing: Tapped: first new
Press: Press: oil run to tanks

Oil Transmitter:

El Paso Natural Gas Company

Remarks: Installed 1/4" Bottom Hole Choke at 8318. Turned back on production 8-2-62.

I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved SEP 17 1962

EL PASO NATURAL GAS COMPANY
(Company or Operator)

By:

Production Engineer

Title: Send Communications regarding well to:

Name:

OIL CONSERVATION COMMISSION

By: Original Signed by W. B. Smith

Title: DEPUTY OIL & GAS INSPECTOR DIST. NO. 3

RECEIVED

SEP 17 1962

OIL CON. COM.
DIST. 3