

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease San Juan 29-5 Unit

Well No. 46-21 Unit Letter B S 21 T 29N R 5W Pool Blanco

County Rio Arriba Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Company

Address _____

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico Date Connected _____

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other (x)

Remarks: _____ (Give explanation below)

Change in operator from Pacific Northwest Pipeline Corporation.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 13th day of April 19 60

Approved _____ APR 20 1960 _____ 19 _____

By ORIGINAL SIGNED H.E. McANALLY

Title Petroleum Engineer

Company El Paso Natural Gas Company

Address Box 997

OIL CONSERVATION COMMISSION
Original Signed By
By A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, New Mexico

STATE OF NEW MEXICO		
OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
NUMBER OF COPIES RECEIVED		6
DISTRIBUTION		
SANTA FE		1
FILE		✓
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	
PRODUCTION OFFICE		
OPERATOR		2

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)Initial
Deliverability Test

86396 Pool BLANCO Lease SAN JUAN 29 5 21 No. 46
 Formation MV Unit B S 21 T 29 R 05 Pay Zone 5492 to 5920 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 6000 Tubing - OD 1250 Wt. 0240 L 5830 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 060760 To 061560 S.I.P. Measured 010760 Prod. String O.D. 1.250
 Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 2.40
 Flowing Pressure, psia
 Chart _____ (d) Tubing 1124 (k) Casing 1124 (j) Length 5830
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 540 (g) Corrected 540 (h)

FRICTION CALCULATION

Grav. .693 $P_t =$ 540 (i) $GL =$ 4040 $(1-e^{-s}) =$.255

$(F_c Q)^2 =$ 532179 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 135706 $P_t^2 =$ 291600 $P_w^2 =$ 427306

FLOW RATE CALCULATION

$Q =$ 937 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 937

DELIVERABILITY CALCULATION

$D = Q$ 937 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.1333 $=$ 1.0983 $=$ 1029

SUMMARY

$P_c =$ 1124
 $Q =$ 937
 $P_w =$ 654
 $P_d =$ 562
 $D =$ 1029

D at 250 or 500 958

Note:

250 # for P.C.
 500 # for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



