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 30-5 Unit

Well No. 30-21 Unit Letter L S 21 T 30 N R 5 W Pool Blanco Mesa Verde

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 990 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 ____ (X)

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

Change in Ownership ____ ( ) Other ____ ( )

Remarks: (Give explanation below)

RECEIVED
JUN 6 1960
OIL CON. COM.
DIST. 3

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

Executed this the 3 day of June 19 60

By ORIGINAL SIGNED B.H. MEANS

Approved JUN 9 1960 19 ___

Title Petroleum Engineer

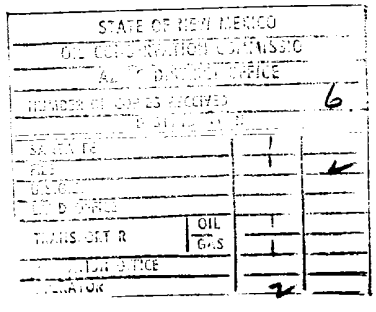
OIL CONSERVATION COMMISSION
Original Signed By
By A. R. KENDRICK

Company El Paso Natural Gas Company

Address Box 990

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, New Mexico


STATE OF NEW MEXICO
OIL CONSERVATION COMMISSIO
6
OIL
GAS

Form C-122-A
(EL PASO)

NEW MEXICO OIL CONSERVATION COMMISSION

Initial Deliverability Test

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

72663 Pool BLANCO Lease SAN JUAN 30 5 21 No. 30

Formation MV Unit L S 21 T 30 R 05 Pay Zone 5476 to 5812 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 5914 Tubing - OD 2000 Wt. 0470 L 5800 (T. Perf.)

Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow: From 092160 To 092960 S.I.P. Measured 052360 Prod. String O.D. 2.000

Deadweight Flowing Pressure, psia: Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 4.70

Flowing Pressure, psia: Chart _____ (d) Deadweight Shut-in Pressure, psia: Tubing 1165 (k) Casing 1166 (j) Length 5800

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia: Chart 519 (g) Corrected 519 (h)

FRICTION CALCULATION

Grav. .610 P_t = 519 (i) GL = 3538 $(1-e^{-s})$ = .227

$(F_cQ)^2$ = 19696 $(1-e^{-s})(F_cQ)^2 = R^2$ = 4471 P_t^2 = 269361 P_w^2 = 273832

FLOW RATE CALCULATION

$Q = \underset{\text{(integrated)}}{472} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 472$

DELIVERABILITY CALCULATION

$D = Q \quad 472 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .9390\right]^N = .9538\right) = 450$

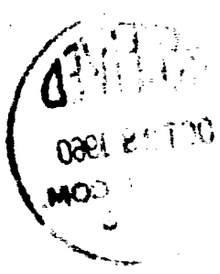
RECEIVED
OCT 28 1960
OIL CON. COM.
3

SUMMARY

P_c = 1165
Q = 472
P_w = 523
P_d = 583
D = 450

D at 250 or 500 474

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

475

Company EL PASO NATURAL GAS CO.
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By _____
Company _____