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 BLANCO Formation MV County R A

Well Name SJU 30 6 ABRAHAM B 001 71650

Unit M S 14 T 30 R 6 Pay Zone 5290 To 5664 Flow String TUBING

Casing O D 5.500 Wt 15.50 Set at 5731 Tubing O D 2.375 Wt 4.70 L 5631 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
05-26-61	From 05-21-61	To 05-29-61	09-06-60

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 712 (j)	Tubing 714 (k)	0004 (e)	0000 (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .596

G. L. = 3356 $1-e^{-s}$ = .217 $(F_cQ)^2$ = 2016

$(1-e^{-s})(F_cQ)^2 = R^2$ = 437 P_t^2 = 261121 P_w^2 = USE PT2

$$Q = \frac{151}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = 1.0000\right] = 151$$

$$D = Q\ 151 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.5375\right]^N = 1.3807\right) = 208$$

An intermitter was installed. Turned back on production 5/7/61.

RECEIVED
JUL 6 1961
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 714 psia

Q = 151 MCF/D

P_w = 511 psia

P_d = 357 psia

D = 208 MCF/D

Company EL PASO NATURAL GAS COMPANY

By _____

Title H. L. KENDRICK
GAS ENGINEER

Witnessed By _____

Company _____

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

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

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

Pool: BLANCO Formation: MV County: R A

Well No.: SJU 30 6 ABRAHAM 101 11650

Unit: M Sec. 14 T 30 R 6 Pay Zone 5270 to 5464 Flow String: TUBING

Casing O.D. 5.500 Wt. 15.50 Set at 5751 Tubing O.D. 2.375 Wt. 4.70 T. Perf. 5651

Producing Pipeline: EL PASO NATURAL GAS COMPANY Purchasing Pipeline: EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.: 06-06-61 Period of Test Flow: 05-29-61 To 06-06-61 Date SIP Measured: 05-06-60

Deadweight Flowing Pressures, psia — Casing (a) Tubing (b) Meter (c) Chart (d) Flowing Pressure psia

Deadweight Shut-in Pressures, psia — Casing 718 (i) Tubing 719 (k) Meter Error .004 (e) Friction Loss .0000 (f)

Daily Avg. Flowing Press., psia — 511 (g) Corrected 511 (h) P_t 511 (h) Gravity .596

Q = 151 (h_wP_f) 219 P_c^2 = 516961

P_c^2 = 516961 P_w^2 = 261121 P_d^2 USE PTS

$$Q = 151 \text{ (Integrated)} \times \left[\sqrt{\frac{(a)}{(b)}} \; 1.0000 \; 1.0000 \right] = 151$$

$$D = Q \quad 151 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n 1.5225 \; 1.3307 \right) = 208$$

An intermitter was installed. Turned back on production 5/7/61.

RECEIVED JUL 6 1961 OIL CON. COM. DIST. 3

SUMMARY

P_c = 719 psia Company: EL PASO NATURAL GAS COMPANY

Q = 151 MCFD By: H. L. KENDRICK

P_w = 511 psia Title: GAS ENGINEER

P_d = 357 psia Witnessed By:

D = 208 MCFD Company:
