

EL PASO NATURAL GAS COMPANY

OCT - - 1969

WELLS REQUIRING FILE CORRECTION ONLY

LEASE NAME & WELL NUMBER	LOCATION	POOL	PRESENT ACREAGE	CORRECTED ACREAGE
Florance E #1	L-1-29N-10W	Blanco Mesaverde	W 322.70	W 323.37
Feuille A #3	G-9-29N-10W	Aztec PC	160	158.06
Lackey C #1	A-11-29N-10W	Blanco Mesaverde	N 320	N 316.80
Lackey A #4	K-11-29N-10W	Aztec PC, ext.	160	159.09
Neudecker #1	B-14-29N-10W	Aztec PC	160	158.72
Neudecker #4	D-14-29N-10W	Aztec PC	160	159.39
Schultz Com D #8	A-16-29N-10W	Aztec PC	160	158.32
Hubbell #5	N-17-29N-10W	Basin Dakota	W 320	W 316.19
Hubbell #3	O-18-29N-10W	Basin Dakota	E 320	E 320.85
Quigley A #1	C-1-29N-10W	Aztec PC	162.70	162.71

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

72391 Pool AZTEC Lease QUIGLEY A No. 1
 Formation PC Unit C S 01 T 29 R 10 Pay Zone 2366 to 2410 Cty. SJ
 Casing - OD 5500 Wt. 1550 Set at 2485 Tubing - OD 1250 Wt. 9240 L 2386 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 021959 To 022759 S.I.P. Measured 010259 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 862 (k) Casing 861 (j) Length 2386
 Deadweight Shut-in Pressure, psia

Meter Error
0 (e)

Friction Loss
0 (f) Chart 238 (g) Corrected 238 (h)
 7 Day Avg. Flowing Pres., psia

FRICTION CALCULATION

Grav. .661 $P_t =$ 238 (i) $GL =$ 1577 $(1-e^{-s}) =$.108

$(F_c Q)^2 =$ 58630 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 6332 $P_t^2 =$ 56644 $P_w^2 =$ 62976

FLOW RATE CALCULATION

$Q =$ 311 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 311

DELIVERABILITY CALCULATION

$D = Q$ 311 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8194 $=$.8442 $=$ 263

SUMMARY

 $P_c =$ 862 $Q =$ 311 $P_w =$ 251 $P_d =$ 431 $D =$ 263D at 250 or 500 306

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250

TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]

[illegible text]

[illegible text]

[illegible text]

