

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #82 DK 75275
Unit L S 25 T 27 R 9 Pay Zone 6536 To 6736 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 6880 Tubing O D 2.375 I D 1.995 L 6685 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 02-18-66 To 02-26-66 10-20-65
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 (j) Tubing 2151 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 563 (g) Corrected 563 (h) P_t 563 (i) Gravity .758
G. L. = 5067 1-e^{-s} = .308 F_c 9.402 (F_cQ)² 118.331
(1-e^{-s}) (F_cQ)² = R² = 36446 P_t² = 316969 P_w² = 353415
$$Q = \frac{1157}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1157$$
$$D=Q \frac{1157}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{3469025}{4273386} \right]^n = \frac{(.8117)^n}{.8552} = 989$$

REMARKS

New Well - 1st Del. 1-31-66.

SUMMARY

P_c = 2151
Q = 1157
P_w = 594
P_d = 1076
D = 989

Company EL PASO NATURAL GAS CO
By H. L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____



66067

75275

1492

HURRICANE UNIT 445 CK

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

EL PASO NATURAL GAS COMPANY

EL PASO NATURAL GAS CO

10-1-61

05-26-63

05-18-66

06

0000

5151

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

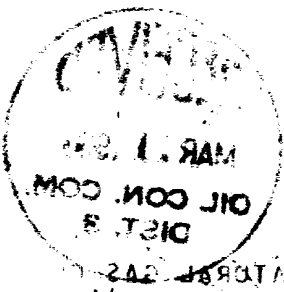
1971

1972

1973

1974

1975



EL PASO NATURAL GAS CO

H. L. KENDRICK

AREA GASWELL TEST 17 1974

1951

1952

1953

1954

1955

1960

1970

1971