Initial Deliverability Test

FORM C-122-A
EL PASO 8-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

January 27, 1967

Pool TAPACITO Formation PICTURED CLIFFS County RIO ARRIBA

Well Name JICARILLA 119 N #2

Unit P S 8 T 26N R 4W Pay Zone 3505 To 3524 Flow String Tubing

Casing O D 4.500 I D 4.052 Set at 3584 Tubing O D 1.660 I D 1.380 L 3515 Top Perf.

Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS CO.

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
80		From 12-7-66	To 12-15-66	4-18-66

Deadweight Flowing Pressure, psia			Flowing Pressure, psia	
Casing 440 (a)	Tubing 397 (b)	Meter 397 (c)	Chart 397 (d)	

Deadweight Shut-In Pressures, psia		Meter Error	Friction Loss
Casing 585 (J)	Tubing 585 (k)	-0- (e)	-0- (f)

7 Day-Avg. Flowing Pres., psia			
Chart 391 (g)	Corrected 391 (h)	P_t 391 (i)	Gravity .650

G. L. = 2285 $1-e^{-s}$ = .153 F_c 24.621 $(F_cQ)^2$ 207.446

$(1-e^{-s})(F_cQ)^2 = R^2$ = 31739 P_t^2 = 152881 P_w^2 = 184620

$$Q = \frac{585}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)\ 397}{(d)\ 397} = 1.0000} = 1.0000\right] = 585$$

$$D = Q \quad 585 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{123201}{157605}\right]^n = \frac{(.7817)^n}{.8111} = 474$$

REMARKS

RECEIVED
JAN 30 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 585

Q = 585

P_w = 430

P_d = 468

D = 474

Company NORTHWEST PRODUCTION CORPORATION

By J. M. Newman

Title J. M. Newman, Mgr, Prod. Oper.

Witnessed By

Company


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