Form C-122-A
Revised April 20, 1955

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

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

Pool Blanco Formation Mesa Verde County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed

Operator El Paso Natural Gas Company Lease Fields Well No. 5

Unit L Sec. 28 Twp. 32 Rge. 11 Pay Zone: From 4830 To 5590

Casing: OD 5½ WT. 15.5 Set At 5610 Tubing: OD 2 WT. 4.7 T. Perf. 5511

Produced Through: Casing ____ Tubing X Gas Gravity: Measured 685 Estimated ____

Date of Flow Test: From 4-22 To 4-30 * Date S.I.P. Measured 3-8-56

Meter Run Size 4 Orifice Size -- Type Chart Sq. Root Type Taps Flange

OBSERVED DATA

Flowing casing pressure (Dwt) ____ psig + 12 = ____ psia			(a)
Flowing tubing pressure (Dwt) ____ psig + 12 = ____ psia			(b)
Flowing meter pressure (Dwt) ____ psig + 12 = ____ psia			(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:			
Normal chart reading ____ psig + 12 = ____ psia			(d)
Square root chart reading (____)^2 x spring constant ____ = ____ psia			(d)
Meter error (c) - (d) or (d) - (c)	±	= ____ psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing		= ____ psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading ____ psig + 12 = ____ psia			(g)
Square root chart average reading (7.60)^2 x sp. const. 10		= 578 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)		= 578 psia	(h)
P_t = (h) + (f)		= 578 psia	(i)
Wellhead casing shut-in pressure (Dwt) 1053 psig + 12 = 1065 psia			(j)
Wellhead tubing shut-in pressure (Dwt) 1042 psig + 12 = 1054 psia			(k)
P_c = (j) or (k) whichever well flowed through		= 1054 psia	(l)
Flowing Temp. (Meter Run) 83 °F + 460		= 543 °Abs	(m)
P_d = ½ P_c = ½ (l)		= 527 psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = 1490 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{833,187}{729,732} \right]^n = 1490 \left[\frac{1.1418}{1.1045} \right] = 1646$ MCF/da.

SUMMARY

P_c = 1054	psia	Company	El Paso Natural Gas Company
Q = 1490	Mcf/day	By	Original Signed Lewis D. Galloway
P_w = 617	psia	Title	
P_d = 527	psia	Witnessed by	
D = 1646	Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column j)	$P_t^2 + R^2$	P_w
3775	.240	196.252	47,100	334,084	381,184	617

D @ 500 = 1592

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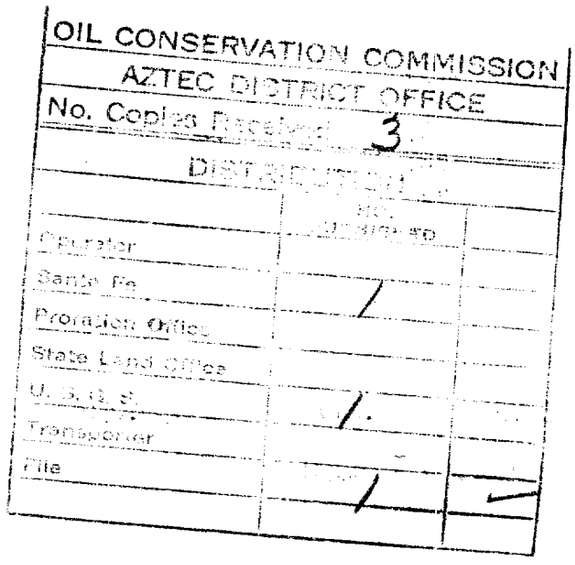
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