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 South Blanco Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline _____ Date Test Filed _____

Operator El Paso Natural Gas Lease Rincon Unit Well No. 92

Unit G Sec. 11 Twp. 26N Rge. 7W Pay Zone: From 2758 To 2746

Casing: OD 5-1/2 WT. 15.5 Set At 2855 Tubing: OD 1-1/4 WT. 2.3 T. Perf. 2746

Produced Through: Casing _____ Tubing X Gas Gravity: Measured .664 Estimated _____

Date of Flow Test: From 2/8/58 To 2/16/58* Date S.I.P. Measured 2-26-57

Meter Run Size _____ Orifice Size 1.250 Type Chart _____ Type Taps _____

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 (7.20)^2 x sp. const. 5.00	= 259	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= 259	psia	(h)
P_t = (h) + (f)	= 259	psia	(i)
Wellhead casing shut-in pressure (Dwt) 837	psig + 12 = 849	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 837	psig + 12 = 849	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 849	psia	(l)
Flowing Temp. (Meter Run) 55 °F + 460	= 515	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 425	psia	(n)

FLOW RATE CALCULATION

$$Q = \text{_____ (Integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right)^* = 1439 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{540176}{498082} \right]^n \frac{1.0845}{1.07145} = 1542 \text{ MCF/da.}$$

SUMMARY

P_c =	849 psia	Company	El Paso Natural Gas
Q =	1439 Mcf/day	By	Original Signed
P_w =	472 psia	Title	Lewis D. Galloway
P_d =	425 psia	Witnessed by	
D =	1542 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 i)	$P_t^2 + R^2$	P_w
1823	.124	1.255.143	155,638	67,081	222719	472

D at 250 = 1436

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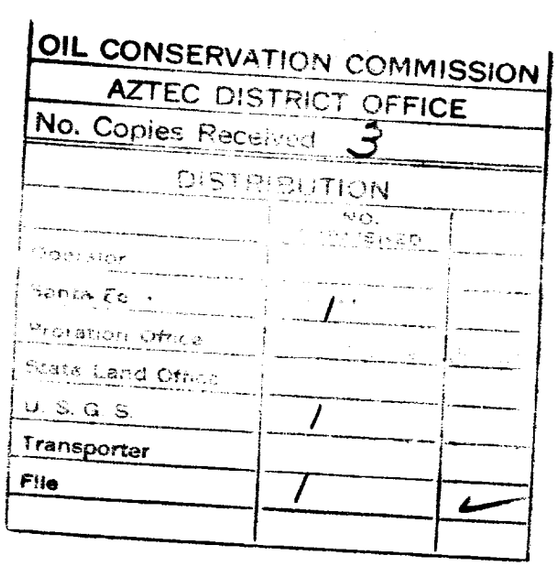
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