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 Sp. Blanco Pictured Cliffs Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Date Test Filed 3-19-57

Operator Amerada Petr. Corp. Lease Jicarilla Apache "A" Well No. 4 (C)

Unit P Sec. 26 Twp. 25N Rge. 5W Pay Zone: From 3047' To 3114'

Casing: OD 5-1/2" WT. 15.5 Set At 3989' Tubing: OD 2-3/8" WT. 4.7# T. Perf. 3057'

Produced Through: Casing x Tubing Gas Gravity: Measured .665 Estimated

Date of Flow Test: From 12-16-56 To 12-23-56 * Date S.I.P. Measured 12-30-56

Meter Run Size 4" Orifice Size 1-1/4" Type Chart L-10 Type Taps Flange

OBSERVED DATA

Flowing casing pressure (Dwt) 274 psig + 12 =	286	psia	(a)
Flowing tubing pressure (Dwt) psig + 12 =		psia	(b)
Flowing meter pressure (Dwt) psig + 12 =	285	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken):			
Normal chart reading psig + 12 =		psia	(d)
Square root chart reading (7.55)^2 x spring constant 500 =	285	psia	(d)
Meter error (c) - (d) or (d) - (c) ± =	0	psi	(e)
Friction loss, Flowing column to meter:			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing =	1	psi	(f)
Seven day average static meter pressure (from meter chart):			
Normal chart average reading psig + 12 =		psia	(g)
Square root chart average reading (7.55)^2 x sp. const. 500 =	285	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) =	285	psia	(h)
P_t = (h) + (f) =	286	psia	(i)
Wellhead casing shut-in pressure (Dwt) 567 psig + 12 =	579	psia	(j)
Wellhead tubing shut-in pressure (Dwt) psig + 12 =		psia	(k)
P_c = (j) or (k) whichever well flowed through =	579	psia	(l)
Flowing Temp. (Meter Run) 55 °F + 460 =	515	°Abs	(m)
P_d = ½ P_c = ½ (l) =	289.5	psia	(n)

FLOW RATE CALCULATION

Q = 535 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{-}{1-} = 1\right)^*$ = 535 MCF/da

DELIVERABILITY CALCULATION

D = Q 535 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{251,431}{253,445}\right]^n$ .993 = 531 MCF/da.

SUMMARY

P_c =	579	psia	
Q =	535	Mcf/day	
P_w =	286	psia	
P_d =	289.5	psia	
D =	531	Mcf/day	

Company Amerada Petr. Corp.

By W.G. Abbett W.G. Abbett

Title District Engineer

Witnessed by

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
2033	0.131	.88	.12	817.96	818.08	286

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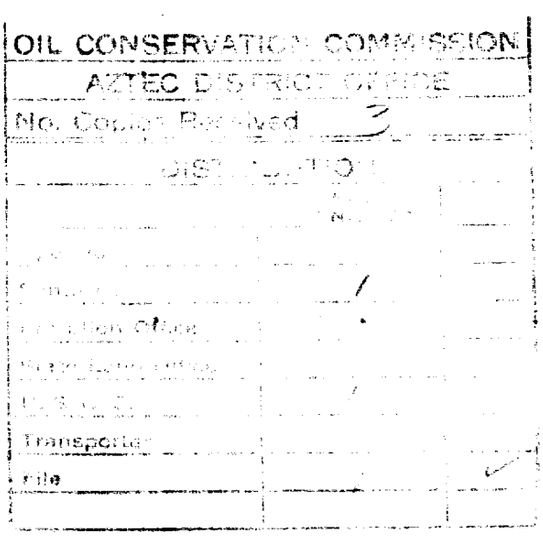
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