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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 Elanco Formation Mesa Verde County Rio Arriba
Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 2-14-58
Operator PACIFIC NORTHWEST PIPELINE Lease Indian "F" Well No. 2
Unit N Sec. 9 Twp. 28N Rge. 3W Pay Zone: From 5712' To 5980'
Casing: OD 5-1/2" WT. 14.0 Set At 6260' Tubing: OD 2-3/8" WT. 4.7 T. Perf. 6239.5'
Produced Through: Casing _____ Tubing _____ Gas Gravity: Measured .642 Estimated _____
Date of Flow Test: From 1-16-58 To 1-23-58 * Date S.I.P. Measured 12-13-57
Meter Run Size _____ Orifice Size .750 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 (8.45)² x sp. const. 10 = 714 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = 714 psia (i)
Wellhead casing shut-in pressure (Dwt) 1702 psig + 12 = 1714 psia (j)
Wellhead tubing shut-in pressure (Dwt) 571 psig + 12 = 583 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1714 psia (l)
Flowing Temp. (Meter Run) 56 °F + 460 _____ = 516 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 857 psia (n)

Q = 21 X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)} = \text{_____} = \text{_____}} \right)^* = \text{_____} \text{ MCF/da}$
(integrated) $\sqrt{(d)} = \text{_____}$

DELIVERABILITY CALCULATION

D = Q 21 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n \frac{(0.9075)^{.75}}{0.9298} = \text{_____} \text{ MCF/da.}$
 $\frac{2,203,347}{2,428,000}$

SUMMARY

P_c = 1714 psia Company PACIFIC NORTHWEST PIPELINE
Q = 21 Mcf/day By Original signed by G. H. Peppin
P_w = 714 psia Title District Production Engineer
P_d = 857 psia Witnessed by _____
D = 20 Mcf/day Company _____

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w

