

3 - ~~more~~ ~~meter~~
 1 - Cutler
 1 - Galloway
 2 - File

Form C-122-A
 Revised April 20, 1955

Initial Deliverability Test

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 Rio Arriba
 Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 1-9-58

Operator PACIFIC NORTHWEST PIPELINE Lease Rosa Well No. 25-15
 Unit N Sec. 15 Twp. 31 Rge. 6 Pay Zone: From 5234' To 5560'
 Casing: OD 5-1/2" WT. 14.0 Set At 5630' Tubing: OD 1-1/4" WT. 2.4 T. Perf. 5529'
 Produced Through: Casing _____ Tubing XI Gas Gravity: Measured .595 Estimated _____
 Date of Flow Test: From 12-8-57 To 12-16-57 * Date S.I.P. Measured 7-8-57
 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 (6.80) ² x sp. const. 1.000 _____ = 462 psia (g)
 Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
 P_t = (h) + (f) _____ = 462 psia (i)
 Wellhead casing shut-in pressure (Dwt) 1212 psig + 12 = 1224 psia (j)
 Wellhead tubing shut-in pressure (Dwt) 1200 psig + 12 = 1212 psia (k)
 P_c = (j) or (k) whichever well flowed through _____ = 1224 psia (l)
 Flowing Temp. (Meter Run) 58 °F + 460 _____ = 518 °Abs (m)
 P_d = 1/2 P_c = 1/2 (l) _____ = 612 psia (n)

FLOW RATE CALCULATION

Q = 535 X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) =$ _____ MCF/day
 (integrated)

DELIVERABILITY CALCULATION

D = Q 535 $\left[\frac{(P_c^2 - P_d^2) = 1,123,632}{(P_c^2 - P_w^2) = 1,247,776} \right]^n \frac{(0.9005) \cdot 0.75}{0.9278} =$ 496 MCF/day

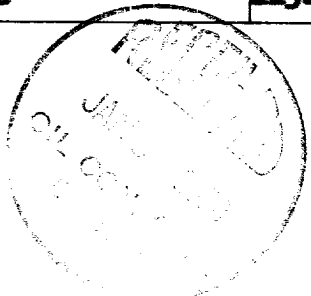
SUMMARY

P_c = 1224 psia
 Q = 535 Mcf/day
 P_w = 500 psia
 P_d = 612 psia
 D = 496 Mcf/day
 Company PACIFIC NORTHWEST PIPELINE CORP.
 By Original signed by G. H. Peppin
 Title District Production Engineer
 Witnessed by _____
 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
3290	0.213	173.502	36.956	213.444	250400	500



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