PRODUCTION TEST AFTER RD

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 So Blanco P.C. FORMATION Pictured Cliffs COUNTY Rio Arriba

PURCHASING PIPELINE El Paso Natural Gas Co DATE TEST FILED Dec 8, 1955

OPERATOR Candado Production Co LEASE Miles WELL NO. 1

UNIT I SEC. 8 TWP. 26N RGE. 7W PAY ZONE: From ____ To 2708

CASING: OD 5½ WT. ____ SET AT ____ TUBING: OD ____ WT. ____ T.Perf. ____

PRODUCED THROUGH: CASING X TUBING ____ GAS GRAVITY: MEASURED .635 ESTIMATED ____

DATE OF FLOW TEST: From 9/25/55 To 9/30/55 *Date S.I.P. MEASURED 9/2/55

METER RUN SIZE 4" ORIFICE SIZE ____ TYPE CHART Sq Rt 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 (7.25) ^{2} x sp. const 5.00 =		263	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) =		____	psia	(h)
P_t = (h) + (f) . . . . . =		263	psia	(i)
Wellhead casing shut-in pressure (Dwt) 680	psig + 12 =	692	psia	(j)
Wellhead tubing shut-in pressure (Dwt) -	psig + 12 =	____	psia	(k)
P_c = (j) or (k) whichever well flowed through. . . . . =		692	psia	(l)
Flowing Temp. (Meter Run). . . . 64 °F + 460 . . . . . =		524	°Abs	(m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$ (l) . . . . . =		346	psia	(n)

FLOW RATE CALCULATION

$$Q = \frac{370}{\text{(integrated)}} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^{*} = \quad \text{MCF/da.}$$

DELIVERABILITY CALCULATION

$$D = Q \; 370 \left[\frac{|P_c^2 - P_d^2| = 359,148}{|P_c^2 - P_w^2| = 409,695} \right]^{n} .8945 = 331 \text{ MCF/da.}$$

SUMMARY

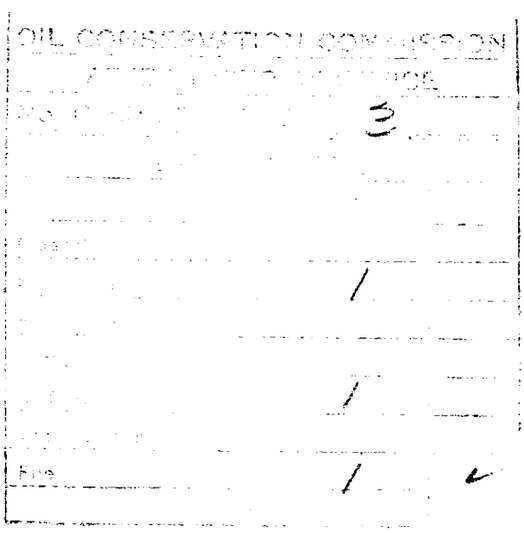
P_c =	692 psia	Company Gmelectric, Inc
Q =	370 Mcf/day	By W.J. McConathy W. J. McConathy
P_w =	263 psia	Title Agent
P_d =	346 psia	Witnessed by ____
D =	331 Mcf/day	Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
			NEGLIGIBLE			

RECEIVED
DEC 12
OIL CON
DIST.


OIL CONSERVATION COMMISSION
3
1
1
1