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 So Blanco Ext Formation Pictured Cliffs County SJ

Purchasing Pipeline El Paso Natural Gas Co Date Test Filed May 10, 1957

Operator Skelly Oil Co Lease Nash Victoria Well No. 2

Unit H Sec. 1 Twp. 27N Rge. 9W Pay Zone: From _____ To _____

Casing: OD _____ WT. _____ Set At _____ Tubing: OD _____ WT. _____ T. Perf. _____

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .650 Estimated _____

Date of Flow Test: From 4/1/57 To 4/8/57 * Date S.I.P. Measured _____

Meter Run Size 4" Orifice Size _____ Type Chart SR 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 (5.50)^2 x sp. const. 10.00	=	303	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	_____	psia	(h)
P_t = (h) + (f)	=	303	psia	(i)
Wellhead casing shut-in pressure (Dwt) 705	psig + 12 =	717	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 695	psig + 12 =	707	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	717	psia	(l)
Flowing Temp. (Meter Run) 50 °F + 460	=	510	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	358	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{1119} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^{*} = \_\_\_\_ \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 1119 \left[\frac{385,928}{422,280} \right]^{.926} = 1037 \text{ MCF/da.}$$

SUMMARY

P_c =	717	psia
Q =	1119	Mcf/day
P_w =	303	psia
P_d =	358	psia
D =	1037	Mcf/day

Company Geoelectric, Inc
By W. J. McCarthy W. J. McCarthy
Title Agent
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

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

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