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 Basin Dakota Formation Dakota County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 5-13-61

Operator British-American Oil Prod. Co. Lease Fullerton Well No. 7

Unit K Sec. 13 Twp. 27N Rge. 11W Pay Zone: From 6443 To 6499

Casing: OD 5-7/8" WT. 6.4 Set At 6646 Tubing: OD None WT. _____ T. Perf. 6443

Produced Through: Casing X Tubing _____ Gas Gravity: Measured 0.669 Estimated _____

Date of Flow Test: From 4-6-61 To 4-14-61 * Date S.I.P. Measured 3-12-61

Meter Run Size 4" Orifice Size 2.000 Type Chart 1-10 Type Taps Flanged

OBSERVED DATA

Flowing casing pressure (Dwt) 530 psig + 12 = 542 psia	(a)
Flowing tubing pressure (Dwt) (Tubingless completion) psig + 12 = _____ psia	(b)
Flowing meter pressure (Dwt) 506 psig + 12 = 518 psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:	
Normal chart reading _____ psig + 12 = _____ psia	(d)
Square root chart reading (7.13) ^{2} x spring constant 10 = 508 psia	(d)
Meter error (c) - (d) or (d) - (c) ± = 10 psi	(e)
Friction loss, Flowing column to meter:	
(b) - (c) Flow through tubing: (a) - (c) Flow through casing = 24 psi	(f)
Seven day average static meter pressure (from meter chart):	
Normal chart average reading _____ psig + 12 = _____ psia	(g)
Square root chart average reading (7.10) ^{2} x sp. const. 10 = 504 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 514 psia	(h)
P_t = (h) + (f) = 538 psia	(i)
Wellhead casing shut-in pressure (Dwt) 1980 psig + 12 = 1992 psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia	(k)
P_c = (j) or (k) whichever well flowed through = _____ psia	(l)
Flowing Temp. (Meter Run) 86 °F + 460 = _____ °Abs	(m)
P_d = ½ P_c = ½ (l) = _____ psia	(n)

FLOW RATE CALCULATION

Q = 1295 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{22.7561}{22.5386} = 1.0096 \right)$ = 1296 MCF/da

DELIVERABILITY CALCULATION

D = Q 1296 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{2,776,048}{3,464,304} \right]^n$ 0.8954 = 1110 MCF/da.

SUMMARY

P_c =	1992	psia
Q =	1296	Mcf/day
P_w =	521	psia
P_d =	996	psia
D =	1110	Mcf/day

Company The British-American Oil Producing Co.
By Original signed by Thomas M. Hogan
Title District Superintendent
Witnessed by Frank L. Renard
Company The British-American Oil Producing Co.

* 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
4438	0.276	51.88	14.32	289.44	303.76	521

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MAY 18 1961
OIL CON.
DIST. 3