

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 CANYON LARGO Formation PICTURED CLIFFS County RIO ARriba
Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 5-7-56
Operator FOSTER Lease KIDDLE Well No. 1
Unit B Sec. 4 Twp. 25N Rge. 7E Pay Zone: From 2202 To 2304
Casing: OD 5-1/2" WT. 144 Set At 2202 Tubing: OD 1" WT. 1.76 T. Perf. 2279
Produced Through: Casing X Tubing Gas Gravity: Measured 0.675 Estimated
Date of Flow Test: From 4-15-56 To 4-22-56 * Date S.I.P. Measured 2-6-56
Meter Run Size 4" Orifice Size 0.500 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 (5.00)² x sp. const. 10 _____ = 250 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 250 psia (h)
P_i = (h) + (f) _____ = 250 psia (i)
Wellhead casing shut-in pressure (Dwt) 703 _____ psig + 12 = 715 psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = 715 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 715 psia (l)
Flowing Temp. (Meter Run) 57 °F + 460 _____ = 517 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 358 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{V(c)}{V(d)}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right) = \text{_____}$ MCF/day
(integrated)

DELIVERABILITY CALCULATION

D = Q 149 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{383,000}{448,000} \right]^n \frac{0.875}{1} = \underline{130}$ MCF/day.

SUMMARY

P_c = 715 psia
Q = 149 Mcf/day
P_w = 358 psia
P_d = 358 psia
D = 130 Mcf/day

Company T. JACK FOSTER
By [Signature]
Title 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	$\frac{(F_c Q)^2}{R^2}$	(1-e ^{-s})	P _i ² (Column i)	P _i ² + R ²	P _w

Friction negligible

OK



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW/STP/STP

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

[illegible]

224 2018 OIL CONSERVATION COMM
AZTEC DISTRICT OFF

No. Copies Received
 DISTRIBUTION

	FURNISH
Operator	/

Santa Fe	
Proration Office	
State Land Office	

U. S. G. S.	1
Transporter	
File	1

File	

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		3
DISTRIBUTION		
	NO. FURNISHED	
Operator	1	
Santa Fe		
Proration Office		
State Land Office	1	
U. S. G. S.		
Transporter	1	✓
File		