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)

Purchasing Pipeline	Pool	Wildont				Forme	otion		ed Clif		intyRi	o Att	iba
Unit		ipeline	El P	eso Na	atural				Date T		•		
Unit J Sec. 16 Twp 25H Rge TK Pay Zone: From 2588 To 2690	Operator	El Paso Na	tural (Gas		Lease_	Н	arvey Sta	te	· · · · · · · · · · · · · · · · · · ·	Well No.	1	
Cosing: OD 7 WT 20 Set At 2588 Tubing: OD 1 WT 1.68 T. Perf. 2644	•	Sec.	16	.Two.				Pav Zone				_	
Produced Through: Coxing X						-		_		-			
Date of Flow Test: From See Below To			_	_								1	
CBSERVED DATA Type Chart Sq. Nt. Type Taps Flow CBSERVED DATA										•			
Plowing cosing pressure (Dwt)		_										e Taps_	Flang
Flowing pressure (Dwt)						OBSI	ERVE	ED DAT A					
Flowing busing pressure (Dwt)	Flowing casing	g pressure (Dwt)						psig + 1	.2 =		psi	c: (a)
Flowing meter pressure (meter reading when Dwt, measurement taken: Normal chart reading $(a)^2 \times apring constant = apsiq +12 = apsid (d)$ Square root chart reading $(a)^2 \times apring constant = apsid (e)$ Here through tubing; (a) - (e) Flow through casing = apsid (f) Seven day average static meter pressure (from meter chart): Normal chart average reading $(a)^2 \times ap$, const. $(a)^2 \times ap$	Flowing tubing	pressure (Dwt))						psig + 1	.2 =		psi	cı (b)
Normal churt reading	_	• • •							psig + 1	2 =		psi	c: (c)
Square root chart reading $()$ $^2 \times$ spring constant $=$ psic (a) Meter error (c) - (d) - (c) $^2 \times ^2 $	-	•	_							0			4.15
Meter error (c) - (d) or (d) - (c) =												-	• • •
Friction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through cosing				,	spiring c							_	• •
Seven day average static meter pressure (from meter chart): Normal chart average reading				:									•
Normal chart average reading	(b) - (c) Flo	ow through tubin	ng: (a) - (c) Flow	through	casing				=		psi	(f)
Square root chart average reading $()$ 2 x sp. const. $=$ psic (g) Corrected seven day avge, meter press, (p_f) (g) $+$ (e) $=$ psic (h) $+$ (f) $=$ psic (h) $+$ (f) $=$ psic (f) $+$ (f) (f) $+$ (f) $+$ (f)	· ·	=	•	•		· ·				0			
Corrected seven day avge, meter press, $(p_f)(g) + (e)$ =psic (h) $P_f = (h) + (f) + (f)$												-	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$												•	
Wellhead tubing shut-in pressure (Dwt). Support (Dwt) and the position of the	$P_t = (h) + (f)$			-		41.3						-	
We method tubing shut-in preside (LW) $P_{c} = \{j \text{ or } (k) \text{ whichever well flowed through} \} = psic (1)$ $P_{c} = \{j \text{ or } (k) \text{ whichever well flowed through} \} = psic (1)$ $P_{d} = \frac{1}{2} P_{c} = \frac{1}{2} (1)$ $Q = \frac{1}{2} P_{c} = \frac{1}{2} (1)$ $P_{c} = \frac{1}{2} P_{c} = $									-			•	12.
Flowing Temp. (Meter Run) $P_{d} = \frac{1}{2}P_{c} = \frac{1}{2}(1)$ $Q = \underbrace{\begin{array}{c} FLOW RATE CALCULATION \\ V(c) = & & & & & & & & & & & & & & & & & & $		-							psig +]			•	'. '
$P_{d} = \frac{V}{P_{c}} P_{c} = \frac{V}{A} (1)$ $Q = \frac{1}{A} $	-		Ilowed (i			• =	+ 460	า				•	
Q =		•					. 10,	,		=			
SUMMARY $ \begin{array}{c} SUMMARY \\ C = & psia \\ C = & Mcf/day \\ C = & $		d)	x		V (c)	/ RATE	CAL	<u>CULATION</u> =		*		M	CF/da
psiq Company Bl Paro Natural Gas Company We) = Q		$ \begin{bmatrix} P_c^2 \\ P_c^2 \end{bmatrix} $	P_d^2 = P_w^2 =						=	0	мс	F'/da.
Mcf/day Pw =	SUMM	ARY							s.		_	_	
Pw =	-											Company and	<u> </u>
psia Witnessed by Lewis D. Galloway Company. This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e-s) (FcQ)2 (1-e-s) Pt2 Pt2+R2 Pw				•			У	By					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	~ w =								Lewis	D. Gallow	ay		
Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) $(F_cQ)^2$ $(1-e^{-s})$ $P_t^2 + R^2$ P_w							У		•				
REMARKS OR FRICTION CALCULATIONS GL (1-e-s) $(F_cQ)^2$ $(1-e^{-s})$ $P_t^2 + R^2$ P_w		-	est.										
GL $(1-e^{-3})$ $(F_cQ)2$ $P_t^2 + R^2$ P_w	Meter error CO	rection idelor.		R	EMARK	S OR FF	RICTIC	ON CALCULA	TIONS				
	GL	(1-e ^{-S})		(F _c Q)	2	(1	FcQ) ²	(1-e ^{-s})		Pt ²	P.2	+ R ²	P.,,
		, , , , , , , , , , , , , , , , , , ,		/ ۲۰ ن				R ²		(Column i	, ,		- w

Tests were attempted as follows: January 31 - February 8, 1956, 8 to 16; March 8 to 16; March 16 to 23. In all cases, no gas year

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