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)

Description		Blanco		Format		a Verde	C	ounty	Rio Arri	.ba
Decretor El Paso Natural Gas Co. Lodge San Juan 28-6 Unit Well No. 27		peline E	l Paso Nat			Date		-		
Tight A Sec. 15 Twp. 27 Rige 6 Pay Zone: Prom 1850 To 5510										
Casing: OD 7 WT 20 & 23 Set At 1810 Tubing: OD 2 WT 1.7 T. Pert 5166	,per 4101									
Tubing X Gas Grovity: Measured 6/20/55	Jnit A	Sec 1	5Twp	27 Rge	6 Pay Z	one: From	4850		To 55110	·
Date of Flow Test: From 12/23 To 12/31 * Date S.I.P. Measured 6/20/55	Casing: OD	7 WT.	20 & 23	Set At <u>4810</u>	Tubing:	OD 2	WT.	4.7	T. Perf	5486
Date of Flow Test: From 12/23 To 12/31 * Date S.I.P. Measured 6/20/55	roduced Throu	ugh: Casing_		_Tubing X	Gas Gra	wity: Meas	sured	_	Estimated	•690
Orifice Size										
OBSERVED DATA Obsting costing pressure (Dwt)	Meter Run Size	4		_Orifice Size _		Туре	Chart Sq.	Rt.	_Type Taps_	Flan
Lowing meter pressure (Dwt)										
Lowing meter pressure (Dwt)	lowing casing p	oressure (Dwt)				psig	+ 12 =		psi	.a (a
Nomal chart reading	lowing tubing p	ressure (Dwt)				psig	+ 12 =		psi	.a (b
Nomacl chart reading						psig	+ 12 =		psi	ia (c
Square root chart reading () 2 x spring constant				t. measurement t	aken:	psiα	+ 12 =		psi	ia (d
Peter error (c) - (d) - (d) - (d) - (d) - (e) E	Normal chart:	reaaing hart readina () ² x sı	pring constant			=_			
(b) - (c) Flow through tubing: (a) - (c) Flow through casing seven day average static meter pressure (from meter chart): Nomal chart average reading									psi	(e
See	•									, , ,
Normal chart average reading 7.65 2 x sp. const. 10 = 585 psis							=		ps:	L (f)
Square root chart average reading (Normal chart	average reading				psig	+ 12 =		ps:	ia (g
Corrected seven day avge, meter press, (p_t) $(g) + (e)$ $(p_t) + (f) + (f)$ 1091	Square root cl	hart average rea	ding (7.65) ² x sp. const	10		=	<u> </u>	ps	ia (g
1091							·		ps	ia (h
reference desing shut-in pressure (Dwt) 1080 psig + 12 = 1092 psig (Wellhedd tubing shut-in pressure (Dwt) 1080 psig + 12 = 1092 psig (Pc = (i)) or (k) whichever well flowed through flowing Temp. (Meter Run) psig + 2 = 1092 psig (Pc = (i)) or (k) whichever well flowed through flowing Temp. (Meter Run) psig + 2 = 1092 psig (Pc = (i)) psig + 2 = 1092 psig (Pc = (i)) psig + 2 = 1092 psig (Pc = (i)) psig + 2 = 1092 psig (Pc = (i)) psig + 2 = 1092 psig (Pc = (i)) psig (Pc = (i)	$P_t = (h) + (f)$			3.003			=		-	
$P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flowed} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flower} \\ P_{c} = (i) \text{ or } (k) \text{ whichever well flower} \\ P_{c} = (i) \text{ or } (k) \text{ or } $								2000	_	
Company Figure 1 Page				1000		psig	+ 12 =		•	•
FLOW RATE CALCULATION $ \begin{array}{cccccccccccccccccccccccccccccccccc$	•		wed through	61,	+ 460				•	
$\begin{array}{c} = & \\$					T 400		=			•
SUMMARY $ \begin{array}{c} \text{SUMMARY} \\ \text{Pc} = \text{Pw} \\ \text{Summary} \\$				V(d)		_ =	=		231 м	CF/da
SUMMARY SUMMARY Psia Company Sl Paso Natural Gas Company Original Signed Sl State Sl				DELIVERABII	LITY CALCU	LATION		-		
SUMMARY Summary) = Q 231		$\left(\begin{array}{c} P_c^2 - P_d^2 \end{array} \right) =$	894, 348	_ n _ 1.0	0533 /	=	2	№ мс	CF/da.
psia Company Bl Pasa Natural Gas Company Secondary By Original Signed Secondary By Original Signed Owner 586 psia Title Lewis D. Galloway Secondary By Original Signed Owner 586 psia Witnessed by 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 R2 (Column i)		L	$\left(P_e^2 - P_w^2 \right) = .$	849,102	- <u> </u>	ופכנ				
Mcf/day By Original Signed Down State of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) (F _c Q)2 (1-e^-s) Pt ² Pt ² Pw R2 (Column i)						Fi	Dome H	- + · · · · · · · · · · · · · ·	l Can Campa	
w = 586 psia Title Lewis D. Gallowsy State	~			•	•				Cala Guiga	ary
$\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad \text{Witnessed by} $ $\frac{c_{d}}{c_{d}} = \frac{51.6}{20.0} \qquad psia \qquad psi$	` —			•						
$= 21.0 \qquad \qquad \text{Mcf/day} \qquad \text{Company}.$ This is date of completion test. REMARKS OR FRICTION CALCULATIONS $\text{GL} \qquad (1-e^{-s}) \qquad (F_cQ)^2 \qquad (1-e^{-s}) \qquad Pt^2 \qquad P_t^2 + R^2 \qquad P_w$ $R^2 \qquad (Column i) \qquad R^2 \qquad (Column i) \qquad R^3 \qquad (Column i) \qquad R^4 \qquad R^$	VV			•				-		
Meter error correction factor $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$) =	21,0		Mcf/day	Compa	ny				
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3785 .241 4.718 1,137 342,225 343,362 586	GL	(l-e ^{-s})	(F _c Q)	2		e ⁻⁵)	_		P _t ² + R ²	P _w
1 V \$ 100 100	3785	2),1), 77	3	1.137		342.22	5	343.362	
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