

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)

D 1 . D	P(1 P7	aso Natural Ga	Formation			County_Sen	
Purchasing F	Pipeline	BO TRIMBIL OF	a Company		Date Test Fi	led April	29, 1959
El	Paso Natural	Gas Products	/ Delh	i-Taylor		Well No	1-C (
Operator		4 261		w			6376
Unit	Sec 7-5/8"	l wro	Hae.	Pay Zor	ne: From 6282	To	
Casing: OD_		26.40#	4497*	Tubing: (OD 2-3/8" W	T. 4.70# T	. Perf. 6
	rough: Casing _	t. 15. 50# Set	bing	ez Gas Grav	ity: Measured	0.677 _E	stimated
		4-22-59 To	4-30-59		. Measured Ja	nuary 14. 1	
Meter Run Si	ze	Ori	ifice Size	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Type Chart	Туг	oe Taps
		•	OBSERVE	ED DATA			
Flowing casino	g pressure (Dwt) _		•		psig + 12 =		psia
Flowing meter	pressure (meter re	eading when Dwt. me	easurement taker	n:			
	rt reading				psig + 12 =		
) ² x spring	constant		=		psia
	- (d) or (d) - (c)		±		=		psi
•	Flowing column to						
	_	(a) - (c) Flow throu pressure (from meter	_		=	 .	psi
Normal cha	rt average reading				psig + 12 =		psiα
Square root	chart average rea	ding (7,00) 2	x sp. const	10	=_	490	psiα
		eter press. (p_f) (g) +			=	490	psia
$P_t = (h) + (f)$			2,029		, = <u> </u>	490	psia
		(Dwt)			psig + 12 =	_	psia
		(Dwt)			psig + 12 =	2,041	psia
$P_{C} = (j)$ or (k) Flowing Temp.	whichever well flo	owed inrough	74 °F + 46	n		534	psia °Abs
$P_d = \frac{1}{2} P_c = \frac{1}{2}$		*	1 140	U		1 001	A.Da
- 4 /2 - 6 /2	(1)		W DATE CAL	CUI ATION	=	1,021	psia
Q =(integrate		x (<u>FLC</u>	OW RATE CAL	CULATION	=	2,708	psia MC
Q =			OW RATE CAL	CULATION =			psia MCJ (0, 134)
Q =		X (V(d)	OW RATE CAL = = = = = = = = = = = = = = = = = = =	=	=		psia MC Op, 1/4 So
Q =	ed)	x (V(c)	= 	CALCULA		2,708	
Q =	ed)	x (V(c)	= 	CALCULA	TION 5 X 2,708		O, AA
Q =(integrate	ed)	X (V(d)	= 	CALCULA		2,708	psia MC Option MCF
Q =(integrate	ed)	x (V(c)	= 	CALCULA		2,708	O, A,
Q =(integrate	2,708	x (V(c)	= 	CALCULA (0.805).7	5 X 2,70 8	2,708	O _J , A _J ,
Q =(integrate	2,708 [ARY 2,041	x (V(c)		CALCULA		2,708	Op, 1/2/2 Op, 0/2/2 Op, 0/2/2 MCF,
Q = (integrate D = Q SUMM	2,708 [ARY 2,041 2,708	x (V(c)		Company.	X 2,708 El Paso Natu	2,708 2,302 ral Gas Pro	O _J , A _J ,
Q =	2,708 [ARY 2,041	x (V(c)		Company By Title	El Paso Natur Petroleum E	2,708 2,302 ral Gas Pro	Op, 1/2/2 Op, 0/2/2 Op, 0/2/2 MCF,
Q = (integrate D = Q SUMM	2,708 ARY 2,041 2,708 535	x (V(c)		Company. By Title Witnessed	El Paso Natur Petroleum E	2,708 2,302 ral Gas Pro	Op, 1/2/2 Op, 0/2/2 Op, 0/2/2 MCF,
Q =	2,708 ARY 2,041 2,708 535 1,021 2,302 of completion test.			Company. By Title Witnesses Company. O) = 2	El Paso Natur Petroleum En l by	2,708 2,302 ral Gas Pro	O, A,
Q =(integrate D = Q SUMM P_C = Q = P_w = Pd = This is date of	2,708 ARY 2,041 2,708 535 1,021 2,302 of completion test.			Company. By Title Witnessed Company. OO) = 2 OO) ON CALCUL2	El Paso Natur Petroleum Es i by 4,708 (0.994)	2,708 2,302 2,302 ral Gas Pro rolek agineer 75 = 2,695	O, A,
Q =	2,708 ARY 2,041 2,708 535 1,021 2,302 of completion test. orrection factor			Company By Title Witnessed Company Company O) Company	El Paso Naturo Fetroleum El by 2,708 (0.994) ATIONS Column	2,708 2,302 2,302 75 = 2,695	ducts Co John J. MCF/d
Q =	2,708 ARY 2,041 2,708 535 1,021 2,302 of completion test. orrection factor (1-e-s) 0.0441	$ \begin{array}{c c} x & & & \\ \hline V(d) & & \\ \hline V(d) & & \\ \hline P_c^2 - P_d^2 & = 3, 12 \\ \hline P_c^2 - P_w^2 & = 3, 88 \\ \hline P_c^2 - P_$		Company. Company. By Title Witnessec Company. OO) = 2 OO) ON CALCUL R 2 1-e-s	El Paso Natur Petroleum Es i by 4,708 (0.994)	2,708 2,302 2,302 75 = 2,695	O, A,
Q =(integrate D = Q SUMM Pc = Q = Pw = Pd = This is date of the da	2,708 ARY 2,041 2,708 535 1,021 2,302 of completion test. orrection factor (1-e-s) 0.0441 0.0428	$ \begin{array}{c c} x & & & \\ \hline & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ $		Company By Title Witnessed Company OO) = 2 OO) ON CALCUL (1-e-s R2 586 898	El Paso Naturo Fetroleum El by 2,708 (0.994) ATIONS Column	2,708 2,302 2,302 75 = 2,695	ducts Co John J. MCF/d

*Weymouths formula used to calculate irretion in change over time.

Note: Dakota flows as follows: 2-3/8" O.D. Thg. from 6211' to 5293'. Annular flow through 5-1/2" O.D. Liner from 5293' to 4404' and through 7-5/8" csg. from 4404' to surface. A 31/32" I.D. changeover tube '" long directs flow from tubing into the 5-1/2" Liner @ 5293'. Two packers are set, one @ 5293' & one \ 6216

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