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)

Purchasina P		d Cliffs	Formation	n Pictured C	Col	inty	44	
	Pipeline	thera Union	Gas Compar	Dat	te Test Filed	April 10,	1956	
perator So	uthern Union	Gas Company	Lease	Ruthvon		_Well No	1	
Jnit	Sec]	6 Twp. 2	Rge. 8	Pay Zone: From	n 2174	То	2265	
Casing: OD_	5-1/2" WT.	15.5 Se	t Át 2174	Tubing: OD	<u>l"</u> wr	1.7 # T. P.	erf	
				Gas Gravity: Me			_	_
				≨ Date S.I.P. Meas				
				.875 _{Typ}				
10101 11411 01		· · · · · · · · · · · · · · · · · · ·			c ondre	1,166	т ф5	
				ED DATA				
4				psi			•	(a
				psi	_		_	(b
	pressure (meter rea				g + 12		bsig	(c
	rt reading			psi				(d
) ² x spri:			=		•	(d
• •	- (d) or (d) - (c) Flowing column to 1	meter.	±		=		psi	(e
	ow through tubing: (ough casing		=		psi	(f)
-	age static meter pr	•	•				·	• •
Normal char	rt average reading_		0	psi	g + 12 =		psia	(g
					=	187	psia	(g
	even day avge, met	er press. (pf) (g)	+ (e)		· =	187	psia	(h
t = (h) + (f) ellhead casin	g shut-in pressure ('Dwt1		661 psi	= g + 12 =		psia psia	(i)
	g shut-in pressure (g + 12 =	<i>f</i>	psia	(j) (k
	whichever well flow	ed through			=	673	psia	(1)
			<u>60</u> •F + 4	_	_	520	°Abs	(n
-	(Meter Run)		F + 4	60				
Clowing Temp. $P_d = \frac{1}{2} P_c = \frac{1}{2}$	•		•F + 4	60	=	336	psia	(п
Clowing Temp. $P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1) 295 x	\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	LOW RATE CAL	_CULATION =E	=			(n
lowing Temp. d = ½ P _C = ½	(1) 295 x	\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	LOW RATE CAL	_CULATION	==		psia	(n
lowing Temp. d = ½ P _C = ½	(1) 295 x d)	\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	LOW RATE CAL	CULATION = Y CALCULATION 0.85 183912	=_	295 248	psia MCF/	(n
clowing Temp. d = ½ P _C = ½ (integrate) = Q SUMM	(1) 295 x d) 295	\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	-LOW RATE CAL	Y CALCULATION O.85 Company Company	=_	295	psiaMCF/d	(π
Clowing Temp. Cd = ½ Pc = ½ Clowing Temp. Cd = ½ Pc = ½ Clowing Temp. Clowin	(1) 295 x d) 295 [\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	LOW RATE CAL LO	COMPANY COULATION COMPANY C	thern Unio	295	psiaMCF/d	(n
SUMM	(1) 295 x d) 295 [\(\begin{array}{c} \frac{\text{FI}}{\text{Vi}} \\ \text{Vi} \\ V	-LOW RATE CAL	COMPANY COULATION COMPANY C	thern Unic	295	psiaMCF/d	(π
= Q SUMM	(1) 295 x d) 295 [$ \begin{array}{c} FI \\ VG \\ VG \\ \hline P_c^2 - P_d^2 \\ P_c^2 - P_w^2 \\ \hline P_c^2 - P_w^2 \\ \hline 9_c^2 - P_w^2 \\ \hline 873 295 187$	LOW RATE CAL LO	CULATION = ICO Y CALCULATION 0.85 n	thern Unic	295	psiaMCF/d	(π
Cowing Temp. Cowi	(1) 295 x d) 295 [$ \begin{array}{c} FI \\ VG \\ VG \\ \hline P_c^2 - P_d^2 \\ P_c^2 - P_w^2 \\ \hline P_c^2 - P_w^2 \\ \hline 336 \\ 248 \end{array} $	DOW RATE CAL CLIVERABILIT 340,633 417,960 psia psia psia psia Mcf/day psia Mcf/day	COMPANY COMPANY Company Company By Title Witnessed by Company	thern Unic	295	psiaMCF/d	(π
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Cowing Temp. I a y P c = ½ Compared to the second to the	295 x d) 295	$ \begin{array}{c} FI \\ VG \\ VG \\ \hline P_c^2 - P_d^2 \\ P_c^2 - P_w^2 \\ \hline P_c^2 - P_w^2 \\ \hline 336 \\ 248 \end{array} $	DOW RATE CAL CLIVERABILIT 340,633 417,960 psia psia psia psia Mcf/day psia Mcf/day	COMPANY Company By Title Witnessed by Company Company One of the company Company Company Company Company Company Company Company	thern Unic	248 248 Pt ² +	psiaMCF/dMCF/d	(π
SUMM Summer Summ	295 x d) 295 x ARY of completion test.	FI V(d V(d V(d P ² - P ²)= P ² - P ²)= P ² - P ²)= REM	DOW RATE CAL LOW RATE CAL LO	COMPANY By Title Witnessed by Company	thern Unic	248 248 Pt ² +	psia	(π

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