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 It Pase Istara Case Date Total Well No. 13	Pool	Pear Trings		Formation	1	Cliff	County	Rio Arri	.ba
Unit	Purchasing I	Pipeline	ano Nata	ral Ser Compa	V	Date Test			
Unit	Operator	l Paso Natural	Cas	Legse	San Juan 30-	4 Unit	Wallh		
Casing: OD	Unit	Sec 15			Pay Zone: I	From 4	190	l.et.	6
Produced Through: Casing		5 ♣ ₩⊤	=				1		1,21,1
Date of Flow Test: From 11/30 To 12/8/56 + Date S.I.P. Measured 7/11/56 (19 64)	_								desta
Meter Run Size								Estimated_	
Description								(19 days	*)
Plowing tabing pressure (Dwt)	Meter Run Si	ze		_Orifice Size	7	Type Chart.		_Type Taps	
Playing casing pressure (Dwt)				OBSERV	ED DATA				
Flowing pressure (Dwt) paid pressure (Dwt) paid pressure (Dwt) paid paid pressure (Dwt) paid paid paid paid paid paid paid paid	Flowing casin	g pressure (Dwt)				naia + 10 -			
Flowing meter pressure (Dwt)	Flowing tubing	g pressure (Dwt)				psig + 12 =_ psig + 12 =		psia	
Flowing meter pressure (meter reading when Dwt, measurement taken: Normal Chart reading Square root chart reading (Flowing meter	pressure (Dwt)				psig + 12 = .		psid	
Solute foot chart reading $(-)^2 \times \text{spring constant} =$	Flowing meter	pressure (meter read	ing when Dw	vt. measurement take	n:	p-19 12		psid	ı (d
Square root chart reading $(-)^2 \times \text{spring constant}$ = paid wheter error $(c) \cdot (c)$ of (c) of (c) of (c) for (c) for (c) for though tubing; $(a) \cdot (c)$ flow through casing = paid seven day overage static meter pressure (from meter chart): Normal chart overage reading $(-5, -)^2 \times \text{sp. const.}$ 10 paig + 12 paid paid seven day overage static meter pressure (from meter chart): Normal chart overage reading $(-5, -)^2 \times \text{sp. const.}$ 10 paig + 12 paid paid paid seven day overage meter press. (p_1) (q) $(q$	Normal cha	rt reading				psig + 12 = _		psig	1 (c
Friction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through casing seven day average static meter pressure (from meter chart): Normal chart average reading Square root shart average reading shart average reading Square root shart average root shart average root shart average root shart average root shart ave	Square root	chart reading () ² x s	pring constant	·····				
(b) (c) Flow through tubing: (a) - (c) Flow through casing $=$ psi Seven day average static meter pressure (from meter chart): Normal chart average reading $=$ psi Seven day average static meter pressure (from meter chart): $=$ psi $=$ psi $=$ Seven day average static meter pressure (from meter chart): $=$ psi $=$ p				±		=.		psi	(e
Normal chart average static meter pressure (from meter chart): Normal chart average reading 6.55 2 x sp. const. 10									
Normal chart average reading (=.		psi	(f
Square root chart average reading (Normal cha	rage static meter pres Et average reading	sure (from n	neter chart):					
Corrected seven day avgs, meter press. $(p_f)(g) + (e)$ $p_f = (h) + (f)$ $p_{el} = (h)$ p_{el				12 x sp. const	10	psig + 12 =_	483	psia	ı (g
P ₁ = (n) + (f)				<u> </u>			183	psia	, -
Wellhead cusing shut-in pressure (Dwt)						= =	483	-	•
Position					·	- _= psig + 12	972		
Flowing Temp. (Meter Run)				959	1	psig + 12 =_		psia	
$P_{d} = \frac{1}{4}P_{c} = \frac{1}{4}(1)$ $P_{d} = \frac{1}{4}P_{c} = \frac{1}{4}P_{d} = \frac{1}{4}P_{d$			d through	l.o		=_		psia	-
$\begin{array}{c} \text{FLOW RATE CALCULATION} \\ \text{Cintegrated} \end{array} \\ \begin{array}{c} \text{X} \\ \begin{array}{c} \text{FLOW RATE CALCULATION} \\ \text{V(d)} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{DELIVERABILITY CALCULATION} \\ \end{array} \\ = Q \\ \begin{array}{c} 37 \\ \text{P}_c^2 - \text{P}_w^2 \end{array} \\ \begin{array}{c} \text{T06.645} \\ \text{P}_c^2 - \text{P}_w^2 \end{array} \\ \end{array} \\ \begin{array}{c} \text{Psia} \\ \text{P}_c^2 - \text{P}_w^2 \end{array} \\ \end{array} \\ \begin{array}{c} \text{SUMMARY} \\ \text{SUMMARY} \\ \text{C} \\ \end{array} \\ \begin{array}{c} \text{SUMMARY} \\ \text{SUMMARY} \\ \text{C} \\ \text{COMPANY} \\ \text{Company} \\ \text{Company} \\ \text{Company} \\ \text{Company} \\ \text{C} \\ \text{COMPANY} \\ \text{C} \\ \text{COLUMATIONS} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{COLUMATIONS} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{COLUMATION} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{COLUMATION} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{COLUMATION} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{COLUMATION} \\ \text{C} $				F + 46	0	= _		°Abs	s (n
$\begin{array}{c} \text{Company} \\ \text{Company} $	d - /2 F c - /2					= _	400	psia	(n
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psia Company By Original Signed W= 483	= Q 3)7 (P	$\begin{pmatrix} 2 - P_d^2 \\ c - P_w^2 \end{pmatrix} = \begin{pmatrix} 2 \\ c - P_w^2 \end{pmatrix} = \begin{pmatrix} 2 \\ c \end{pmatrix}$	706,645 709,552	.9959 .9965		_ = 37	MCF/	∕da.
Mcf/day W = 483	SUMM <i>I</i>	ARY			_			_	
psia Title Lewis D. Galloway psia Witnessed by Company Mcf/day Company This is date 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 + R ² R2 (Column i)	c =	37		•				# Company	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_ 	483		•					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	d =	486		-	Witnessed by	Lewis D	, Galloway		
This is date of completion test. Meter error correction factor	=	37		•	•				
$\frac{\text{GL}}{\text{(FcQ)2}} \qquad \qquad \frac{\text{Pt}^2 + \text{R}^2}{\text{(Column i)}}$			RE	MARKS OR FRICTIC	ON CALCULATIO	NS			
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