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)

Date	Pool B	allard		Formation	Pictured (niff Count	y Rio Arri	.ba
With the content of	Purchasing P	ipeline	El Paso					
Dulit B Sec. 30 Twp 26 Rige. 7 Pay Zone: From 21.54 To 21.85	Operator 1	El Paso Natu	ral Ges	Lease	itughes		ell No. 2	!-30
Produced Through: Casing	•	BSec	3 0_Twp.	<u> 2</u> ്വ _{Rge}		om2164	To	2183
Date of Flow Test: From 9/22 To 9/35 + Date S.I.P. Measured 12/15/55	Casing: OD_	5-1/2 WT.	15.5	Set At 2570	Tubing: OD	L-1/4_WT	2.3 T. Perf.	21:54
OBSERVED DATA Type Chart	Produced Thr	rough: Casing	X	Tubing	Gas Gravity: Me	easured <u>•675</u>	Estimated.	
DBSERVED DATA Paig + 12 =	Date of Flow	Test: From	9/22	_ _{To} 9/30	_* Date S.I.P. Meas	sured 12/1	<u> ၂၄/5</u> ဂ်	<u>-</u> -
Flowing casing pressure (D wt)	Meter Run Siz	ze		_Orifice Size	Туӷ	oe Chart	Type Taps_	.
Flowing meter pressure (Dwt)				OBSERV	ED DATA			
Flowing meter pressure (Dwt)	Flowing casing	pressure (Dwt)			ps	ig + 12 =	psi	ia (a)
Flowing meter pressure (meter reading when Dwr. measurement taken: Normal chart reading								
Normal chart reading						ig + 12 =	psi	ia (c)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$						ig + 12 =	psi	iα (d)
Friction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through casing =	Square root	chart reading () ² x s	pring constant			•	
Seven day average static meter pressure (from meter chart): Normal chart average reading				<u>+</u>		=	psi	i (e)
Seven day average static meter pressure (from meter chart): Normal chart average reading $(-1.95)^2 \times \text{sp. const.}$ $5 = 285 \text{ psid}$ (Square root chart average reading $(-1.95)^2 \times \text{sp. const.}$ $5 = 285 \text{ psid}$ (Square root chart average reading $(-1.95)^2 \times \text{sp. const.}$ $5 = 285 \text{ psid}$ (Pt + + + + + + + + + + + + + + + + + + +	•	-		through casing		=	psi	i (f)
Square root chart average reading (, ,
Corrected seven day avge, meter press. (p ₁) (q) + (e) $ P_{c} = (h) + (f) $ $ P_{c} = (h) + (f) + (f) $ $ P_{c} = (h) + (f) + (f) $ $ P_{c} = (h) + (f) + (f) + (f) + (f) $				2				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							-0-	
Wellhead cosing shut-in pressure (Dwt) TTC $psiq + 12 = TC$ $psiq + 12 $		even day avge, met	er press. (p _f)	(g) + (e)				
Wellhead tubing shut-in pressure (Dwt) 781 psiq +12 = 703 psia ($P_c = 0$) or (k) whichever well flowed through Flowing Temp, (Meter Run) 2°F + 460 = 791 psia ($P_d = \frac{1}{2} + P_c = \frac{1}{2} + $		a shut-in pressure	(Dwt)	779	ns		/	
$\begin{array}{c} P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ \text{Flowing Temp. (Meter Run)} \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} (1) \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} (1) \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} (1) \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} (1) \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} P_{c} \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} P_{c} \\ \\ P_{c} = \frac{1}{2} P_{c} = \frac{1}{2} P_{c} \\ \\ P_{c} = \frac{1}{2} P_{c} + $				~*C>				
Flowing Temp. (Meter Run) $P_{d} = \frac{1}{3} P_{c} = \frac{1}{3} (1)$ $P_{d} = \frac{1}{3} P_{c} = \frac{1}{3} P_{d} = $	_			•	•			
$P_{d} = \frac{1}{4} P_{c} = \frac{1}{4} (1)$ $= \frac{3}{3} \frac{1}{3} \frac{1}$			_	<u> </u>	60	=		bs (m
$\begin{array}{c} \text{DELIVERABILITY CALCULATION} \\ \text{OPC-Pd} \\ O$	$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)				=	<u>396</u> psi	ia (n
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$: (V(c)=	CULATION =	=	3 M	CF/da
Position) = Q363		$P_{c}^{2} - P_{d}^{2} = $ $P_{c}^{2} - P_{w}^{2} = $			=	320 мс	:F/da.
Mcf/day By Signed		ARY			. F1	Dose Medium	1 0	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_			•	Company D	<u>ruso nacira</u> Signad	I GHS	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	·				Title	ggtract		·
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	w			•				
Meter error correction factor $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$) =			-	-		<u> </u>	
GL (1-e ^{-s}) (F _c Q)2 (F _c Q)2 (1-e ^{-s}) P_t^2 $P_t^2 + R^2$ P_w	This is date o	f completion test.						
GL (1-e ^{-s}) $(F_cQ)^2$ $(F_cQ)^2$ $(1-e^{-s})$ P_t^2 $P_t^2 + R^2$ P_w	Meter error cor	rrection factor						
GL (1-e ⁻³) (F_cQ)2 R ² (Column i) $P_t^2 + R^2 - P_w$			RI			r		
R ² (Column i)	GL	(1-e ^{-s})	(F _c Q)2	(FcQ)	•	Pt ²	$P_t^2 + R^2$	Pw
FRICTION NEGLIGIBLE					R ²	(Column i)		
FRICION NEGLIGIALS				POTOBTON	MENT TO THE			
			1	FRICTION	HEALLINE .			

OC

D at 250 = 570

