## 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)

Casing   Color   Casing   X	Pictured Cliffs Coun	Formation Pictured Cliffs Co	Rio Arriba
Title   A   Sec.   32   Twp.   26   Rge.   6   Poy Zone; From   2876   To   2894	Date Test Filed_	El Paso Natural Gas Date Test Filed	
Date   A   Sec.   32   Twp.   26   Rge.   6   Pay Zone; From.   2676   To   2894     Casing: OD   7-5/8   WT   26.4   Set At   3029   Tubing: OD   1-1/4   WT   2.4   T. Perf.   2.5     Produced Through: Casing   X   Tubing   Gas Gravity: Measured   660   Estimated     State of Flow Test; From   11/29/58   To   12/17/58   Date S.I.P. Measured   8/15/58   400     Casing cosing pressure (Dwt)   Paig   12   Paig   Paig   12     Lowing cosing pressure (Dwt)   Paig   12   Paig   12     Lowing cosing pressure (Dwt)   Paig   12   Paig   12     Lowing metre pressure (Dwt)   Paig   Paig   12   Paig   Paig   12     Lowing metre pressure (Dwt)   Paig   Paig   12   Paig   Paig   12   Paig   Paig   12   Paig   Paig   12   Paig   Paig   Paig   Paig   12   Paig	ton State	Natural Gas Johnston State	No. 3 (P)
Casing: OD 7-5/8 WT 26.4   Set At 3089   Tubing: OD 1-1/4 WT 2.4   T. Perf. 2			2804
Tubing			
Date of Flow Test:   From   11/29/58   To   12/17/58   Date S.I.P.   Measured   8/15/58 (40)			
OBSERVED DATA   OBSERVED DATA   OBSERVED DATA   OBSERVED DATA	as Gravity: Measured8/15/	Casing Tubing Gas Gravity: Measured 8/1	
Construction   Cons			
Powing cosing pressure (Dwt)	Type Chart	Orifice Size Type Chart	lypelaps
lowing motor pressure (Dwt)	ATA	OBSERVED DATA	
Towing meter pressure (Dwt) paig + 12 = paig Towing meter pressure (meter reading when Dwt. measurement taken:  Nomal chart reading paig + 12 = paig Square root chart reading paig + 12 = paig Square root chart reading paig + 12 = paig Square root chart reading paig + 12 = paig Square root chart reading paig + 12 = p			
Nomacl chart reading   Paid			
Name   Chart reeding   Paid   12 = Paid	psig + 12 =		psia (c)
Square root chart reading $( )$ 2 x spring constant $ = $ pair defere error $(c) - (d)$ or $(d) - (c)$ $ = $ pair defere error $(c) - (d)$ or $(d) - (c)$ $ = $ pair pair fiction loss, Flowing column to meter: $(b) - (c)$ Flow through tubing; $(a) - (c)$ Flow through casing $ = $ pair Seven day average static meter pressure (from meter chart): Normal chart average reading $ = $ pair Square root square root square reading $ = $ pair Square root square root square reading $ = $ pair Square root square root square root square reading $ = $ pair Square root square			
Meter error (c) - (d) or (d) - (c)	psig + 12 =	gpsig + 12 =	psia (d)
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 chart average reading  Square root chart average reading  Flowing reading  P <sub>t</sub> = (h) + (f)  P			
(b) - (c) Flow through tubing; (a) - (c) Flow through casing =			F== (-)
Normal chart average reading	=		psi (f)
Square root chart average reading (		ic meter pressure (from meter chart):	
Corrected seven day arge, meter press, $(p_1)$ $(g)$ $+$ $(e)$ = 252 psia $P_1$ = $(h)$ $+$ $(f)$ = 252 psia $P_2$ = $(h)$ $+$ $(f)$ $+$			
Post   Company   Page	=_	rerage reading (	F (9.
SUMMARY   Summ	<del>-</del>	avge, meter press, $(p_f)(g) + (e)$	<del></del>
Wellhead tubing shut-in pressure (Dwt)	970	970	
$\begin{array}{c} P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (1) \text{ or } (k) \text{ or } (k)$	070	970	QC7
Flowing Temp. (Meter Run)  Pd = ½ Pc = ½ (1)  FLOW RATE CALCULATION  Pd = ½ Pc = ½ (1)  FLOW RATE CALCULATION  V(d)  DELIVERABILITY CALCULATION  Pc = \$120	psig + 12 =	, , , , , , , , , , , , , , , , , , , ,	QET
$P_{d} = \frac{1}{N} P_{c} = \frac{1}{N} (1)$ $P_{d} = \frac{1}{N} P_{c} = \frac{1}$	=		620
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	=	Run)F + 460 =	1:06
$\begin{array}{c} \text{SUMMARY} \\ \text{C} = \underbrace{\begin{array}{c} \text{SUMMARY} \\ \text{P}_{\text{C}}^2 - \text{P}_{\text{d}}^2 \\ \text{P}_{\text{C}}^2 - \text{P}_{\text{w}}^2 \\ \end{array}}_{\text{DELIVERABILITY CALCULATION}} \\ Description of the point of the content of the cont$	=	= <del></del>	<b>420</b> psia (n
$\begin{array}{c} \text{SUMMARY} \\ \text{P}_{\text{C}}^{2} - \text{P}_{\text{d}}^{2} \\ \text{P}_{\text{C}}^{2} - \text{P}_{\text{w}}^{2} \\ \end{array} = \begin{array}{c} \text{SUMMARY} \\ \text{P}_{\text{c}}^{2} - \text{P}_{\text{w}}^{2} \\ \end{array} = \begin{array}{c} \text{SUMMARY} \\ \text{P}_{\text{c}}^{2} - \text{P}_{\text{w}}^{2} \\ \end{array} = \begin{array}{c} \text{Signed} \\ Sig$			<del></del>
(integrated) $ \begin{array}{c}                                     $	ATION	FLOW RATE CALCULATION	
(integrated) $ \begin{array}{cccccccccccccccccccccccccccccccccc$	\ *	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	005
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		X (====	995 MCF/da
DELIVERABILITY CALCULATION  DELIVERABILITY CALCULATION $ \begin{array}{cccccccccccccccccccccccccccccccccc$	/		
SUMMARY $P_c^2 - P_d^2 = \frac{542725}{660697}$ $P_c^2 - P_w^2 = \frac{542725}{66069}$ $P_c^2 - P_w^2 = \frac{542725}{660697}$ $P_c^2 - P_w^2 = \frac{542725}{66069}$ $P_c^2 - P_w^2 = \frac{542725}{66069}$ $P_c$	/	\ \(\sqrt{\text{(d)}}\)	
SUMMARY $P_c - P_d^2 = \frac{542725}{660697}$ $P_c - P_w^2 = \frac{542725}{660697}$ $P_c = \frac{851}{995}$ $P_c = \frac{851}{995}$ $P_c = \frac{995}{995}$ $P_c = \frac{995}$	AL CULL ATTION	DELLUCE ADULTEV CALCULATION	
SUMMARY $P_{C} = \frac{851}{995}$ $P_{C} = \frac{851}{995}$ $P_{C} = \frac{995}{995}$ $P_{C} = 9$	ALCULATION	DELIVERABILITY CALCULATION	
SUMMARY $P_c = \frac{851}{995}$ $P_c = \frac{851}{995}$ $P_c = \frac{995}{995}$	Con t.	$\left(P_{c}^{2}-P_{d}^{2}\right)=$ Shows in our to	01-0
SUMMARY  Co = 851			MCF/da.
psia Company El Paso Natural Gas  psia Company By Original Signed  psia Title Harold L. Kendrick  psia Witnessed by  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  R2 (Column i)	.8460	$  \left( P_{C}^{2} - P_{W}^{2} \right)   = \frac{8460}{1}$	
psia Company El Paso Natural Gas  psia Company By Original Signed  psia Title Harold L. Kendrick  psia Witnessed by  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  R2 (Column i)			
Sc = 995			
Mcf/day   By   Original Signed	Company El Paso N	psiq Company El Paso	ıral Gas
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$		· · · · · · · · · · · · · · · · · · ·	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Vitnessed by	psia Witnessed by	i r. venaties
Meter error correction factor $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Company	Mcf/day Company	
Meter error correction factor $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		etion test.	
GL (1-e <sup>-s</sup> ) (F <sub>c</sub> Q)2 (F <sub>c</sub> Q) <sup>2</sup> (1-e <sup>-s</sup> ) Pt <sup>2</sup> Pt <sup>2</sup> + R <sup>2</sup> (Column i)			
GL $(1-e^{-s})$ $(F_cQ)2$ $R^2$ $(Column i)$	CALCULATIONS	REMARKS OR FRICTION CALCULATIONS	
R2 (Column i)	(1-e <sup>-s</sup> ) Pt <sup>2</sup>	$(\text{FcQ})^2$ $(1-e^{-s})$ $\text{Pt}^2$	D 2 1 D 2
		$(F_cQ)2$	$P_t^2 + R^2 = P_w$
	(Column 1)	Tto (Column	
	aritothie	Friction Negligible	
LITCOTOR HERTPRIME		LITCOTON HERTSTWE	<u> </u>

D at 250 = 988

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