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)

El Paso Natural Gas Co. Huerfano 36	Ball	ard Picture	d Cliff				ed Clif			San J		
Paso Natural Cas Co.	Pool	1	l Paso Na			any		-	1			
Development	Purchasing Pip	eline			<u> </u>		_Date Te	st Filed	i			
This D Sec. 23 Twp 268 Rige. 78 Pay Zone: From 2035 To 2085 Casing: OD 52 WT 11 Set At 2035 Tubing: OD 1 WT 1.68 T. Peril, 2053 Casing: OD 52 WT 11 Set At 2035 Tubing: OD 1 WT 1.68 T. Peril, 2053 Casing: OD 52 WT 11 Set At 2035 Tubing: OD 1 WT 1.68 T. Peril, 2053 Casing: OD 1 WT 1.68 T. Peril, 2053 Casing: OD 1 WT 1.68 T. Peril, 2053 Casing: OD 2 WT 2 WT 2 Casing: OD 2 WT 2 WT 2 WT 2 Casing: OD 2 WT 2 WT 2 WT 2 Casing: OD 2 WT 2 WT 2 WT 2 WT		Paso Natura	l Gas Co.	Lease	,	Huerfan	0		Well 1	No.	36	
Second Companies	Unit D	Sec. 2	3			Pay Zone:	From				2085	
Continued Through: Costing X Tubing Gas Growity: Measured 12/10/54		5½ WT	n 1.								erf. 20	253
Date of Flow Test: From 1/23 To 1/31/56 * Date SI.P. Measured 12/10/54	•			Tubina		Gas Gravity	: Measure	ed		Estir	nated_	.670
Orifice Size	Produced Fillot	ugii, Quality	1/23	_{To} 1/31	/56	* Data SID N	Aegured		12/10/	54		
Clowing coaling pressure (Dwt)	Date of Flow 1	est: From		10		_ Date 3.1.F. N	T . Cl	Sq.	Rt.	Tuna	Гота	Flang
Construct Security Company Com	Meter Run Size	· -/	,	Orifice 51	ze		. i ype Çn	ari <u> </u>		_ r ybe	ı aps	
Design blaing pressure (D-Wt)				<u>O1</u>	BSERV	ED DATA						
Conting meter pressure (Dwt)	Flowing casing p	oressure (Dwt)					_psig + l	2 =			psia	
Dowing meter pressure (meter reading when Divit, measurement taken) Nomal chart reading (_psig + l	2 =			psia	
Normal chart reading							_psig + I	ટ ≕			psid	(6)
Square root chart reading (wt. measureme	ent take	n:	psia + l	2 =			psia	(d)
Summary Summ	Normal chart	reading) ² x s									
Friction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through cosing =			,	, president				=			psi	(e)
(b) - (c) Flow through tubing; (a) - (c) Flow through casing fewer day average static meter pressure (from meter chart); Normal chart average reading Square root chart average reading Squa			meter:								•	
Normal chart overage reading Sequence		-		through casi	ng			=			psi	(f)
Square root chort average reading (5.95) 2 x sp. const. 5	Seven day averag	ge static meter p	ressure (from	meter chart):								
Squar root chart average reading (_psig + l	2 =	21.2		psia	(g)
Corrected seven day avge, meter press, (pf) (q) + (e) 242	Square root c	hart average read	ding (0.95) ² x sp. co	onst	<u> </u>		_=			psia	(g)
Part 1	Corrected sev	en day avge. me	ter press. (p_f)	(g) + (e)				=			psia	
Wellhead cosing shut-in pressure (Dwt)	$P_t = (h) + (f)$				626			=			-	
Summary Summ											-	
SUMMARY SUMMARY Signed					OEU.		psig + l	2 =			-	• •
Summary Summ	$P_C = (j) \text{ or } (k) \text{ wh}$	nichever well flo	wed through	52				=			-	•
$\begin{array}{c} P_{c} = \frac{1}{2} \left(\frac{1}{2} \right) & P_{c} = \frac{1}{2} \left(\frac{1}$					_°F' + 40	50		=		_		
Company Comp	$P_d = \frac{1}{2} P_c = \frac{1}{2} (1)$	1)					<u></u>				pard	(11)
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION Deliverability D			/	FLOW RAT	E CAL	CULATION				•		
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION Deliverability D			/) *		1.70		
DELIVERABILITY CALCULATION	Q =		×	V(c) =		=_		}=		416	мс	F/da
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_w^2 = 310,480$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_w^2 = 310,480$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_w^2 = 310,480$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_w^2 = 310,480$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_w^2 = 310,480$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_d^2 = 305,283$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_d^2 = 305,283$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P_d^2 = 305,283$ Deliverability Calculation $P_c^2 - P_d^2 = 305,283$ $P_c^2 - P$	(integrated))	\									
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			\	V(d)				/				
SUMMARY 638 psia Company El Paso Natural Gas Genoany Mcf/day By Original Signed Title Lewis D. Galloway Witnessed by This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (I-e-s) (FcQ)2 (Column OIST. 3				DELIVERA	ABILIT	Y CALCULAT	ION					
SUMMARY 638 psia Company El Paso Natural Gas Genoany Mcf/day By Original Signed Title Lewis D. Galloway Witnessed by This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (I-e-s) (FcQ)2 (Column OIST. 3	•		/ P2 - P3 \=			- 0=/0			1.0	·		
SUMMARY 638 psia Company El Paso Natural Gas Genoany Mcf/day By Original Signed Title Lewis D. Galloway Witnessed by This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (I-e-s) (FcQ)2 (Column OIST. 3	D = 0	2		305,283		n 0.8760		= .	44		мсғ	F/da.
SUMMARY 638 psia Company El Paso Natural Gas Genoany Mcf/day By Original Signed Title Lewis D. Galloway Witnessed by This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (I-e-s) (FcQ)2 (Column OIST. 3	- 		$\left(\begin{array}{ccc} & 2 & & 2 \end{array}\right)_{=}$	348,480		0.8937						
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Sc = 638 psia Company F1 Paso Natural Gas Company Mcf/day By Original Signed Title Lewis D. Galloway Witnessed by Company This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e-s) (FcQ)2 (1-e-s) Pt2 OII C3N2+R2 Pw B2 (Column DISI. 3	CLD O LA	DV							:			
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Title Lewis D. Galloway State of completion test. Lewis D. Galloway	P _c =	1:72		•							-	
psia Witnessed by 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 OII C5\(\frac{2}{2} + \frac{2}{1} + \f	Q =	2/12				-	_	• •				
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GL (1-e ^{-s}) $(F_cQ)^2$ $(1-e^{-s})$ Pt^2 OII $CDN^2 + R^2$ W Pt^2 OII $CDN^2 + R^2$ W Pt^2 OII $CDN^2 + R^2$ W		-								LUI!		<i>₩</i>
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B2 (Column DIST. 3	GI.	(1-e ^{-s})	(F.C	0)2	(FcQ	(1-e ^{-s})		Pt ²	1011	CPA?	+R2	# _w
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OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE

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