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)

Description Properties Paso Natural Cas Losse Description Date Test Filed	Pool	ance Ness Yes	-de	Formation.	Mesa	Verde	Coun	ty	sen Jenn	
Description 10 10 10 10 10 10 10 1		ipeline	Pase Natura	1 Gas Comp	any	Date T	est Filed_			
Date	Operator Bi	L Pago Natura	L Gas	Lease L	dwick			Well No	11-4	:
Casing: OD	operator.				Day 70	ne: From	h780	То	5226	
Casing OD	0		***************************************							5166
Date of Flow Test: From 2/80/57 To 2/88/57 * Date S.I.P. Measured 9/25/56	Casing: OD	WT.								
Office Size	Produced Thr		Tub	ing A	Gas Gra	vity: Measu	<u> </u>	£ /£6	_Estimatea	
Continue	Date of Flow		20/57 _To_	2/20/31	* Date S.I.I	P. Measured	7/4	-2/30		
Continue	Meter Run Siz	ze 4	Orif	ice Size		Туре С	hart Sq.	Rt.	Гуре Тарs <u> —</u>	Flan
Deving meter pressure (Dwt)										
Deving meter pressure (Dwt)	Flowing casing	n pressure (Dwt)				psig +	12 =		psia	(a)
Clowing meter pressure (Dwt)	Flowing tubing	pressure (Dwt)				psig +	12 =		psia	(b)
Clawling meter pressure (neter reading when Dwt, measurement token: paig + 12 paig (d)	lowing meter:	pressure (Dwt)				psig +	12 =		psia	(c)
Square root chart reading (Flowing meter	pressure (meter rea	ding when Dwt. med	ısurement taker	ı:		10 -		neia	(4)
April Apri	Normal char	rt reading) 2i	anatant		psig +	=			(d)
Fiction loss, Flowing column to meter: (b) - (c) Flow through tubing; (a) - (c) Flow through casing seven day average static meter pressure (from meter chard): Normal chart average reading Square root chart average reading Corrected seven any average, meter press. (p) (g) + (e) P1 = (h) + (f) Wellhead casing shut-in pressure (Dwt) Wellhead casing shut-in pressure (Dwt) Wellhead tubing shut-in pressure (Dwt) P2 = (f) or (g) whichever well flowed through P3 = (h) + (g) = (h) + (h) P4 = ½ P _c = ½ (1) P5 = (h) + (h) P6 = ½ P _c = ½ (1) P7 + 460 P6 = ½ P _c = ½ (1) P6 = ½ P _c = ½ (1) P7 + 460 P7 + 460 P7 + 460 P7 + 460 P8 + 460 P8 + 460 P8 + 460 P8 + 460 P9 + 460 P9 + 460 P9 + 460 P9 + 460 P1 + 460) - x spiring				=		•	(e)
(b) - (c) Flow through tubing: (a) - (c) Flow through costing Seven day average static meter pressure (from meter chart): Nomiclotart average reading Square tool chart average reading Square tool chart average reading (bls 2) 2 x sp. const. 10			meter:							
Normal chart overage reading				h casing			=		psi	(f)
Normal chart average reading (Seven day aver	rage static meter pr	essure (from meter o	chart):						()
Corrected seven day avge, meter press. (p _t) (q) + (e)	Normal cha	rt average reading_	6 kg . 2		10	psig +		116	•	
Summary Summ						 -		-	•	
New		even day avge. met	ar bress. (bf) (d) ,	(0)			=	<u> 16</u>	psia	(i)
Summary Summ		ng shut-in pressure	(Dwt)			psig +			psia	(j)
P_c = (1) or (k) whichever well flowed through P_c = (1) or (k) whichever well flowed through P_c = 1/4 P_c = 1/4 (1)				1098		psig +	12		-	
Flow RATE CALCULATION Q =	$P_C = (j) \text{ or } (k)$	whichever well flow	ved through						-	, ,
$P_{c} = \frac{1}{2} + \frac{1}{2$	•	·		°F + 46	30					
N(d)	$P_{d} = \% P_{c} = \%$									
N(d)			/ FIO	W RATE CAL	.CHI.ATIO	J	\			
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION No. 8760 115 MCF/da. 9055 NCF/da. 9055 NCF/da			/ 123	W 1011 011 <u>0</u>		`	\.			
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION 1	0 =	>	(<u>V(c)</u>	=		=	} =	15	 мс	F/da
DELIVERABILITY CALCULATION DELIVERABILITY CALCULATION 158 SUMMARY PC = 1110 PSia Company F1 Paso Natural Gas Company PC = 158 Mcf/day PW = 121 PSia Witnessed by Company Title Pd = 555 Psia 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) Pt^2 R2 (Column i) MAR 14 1557 MAR 14 1557	`	ed)	(
SUMMARY Pc - Pd 92h,075 92h,075 9955 99			\ \V(d)							
SUMMARY Pc - Pd 92h,075 92h,075 9955 99			DEL	IVERABILIT	Y CALCUL	ATION				
SUMMARY 1110		Г								
SUMMARY 1110),5	SB	Pć-Pď = 921	1.075	n .87	60	=	1115	мсг	·/da.
SUMMARY 1110	D = Q		1,0	4,761	.90	55				
Post 1110			(Pc-Pw/=							
Post 1110	~ ** **									
158				ngia	Compan	. El Pa	so Natu	ral G	S Company	
Pw = 121	-	LER		•	-	· // 1	a a	w	ence	
Point	`	421				•				
• This is date of completion test. • Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-S) (FcQ)2 (1-e^-S) Pt^2 Pt^2 Pw R2 (Column i) MAR 1.1 157	P _d =	555		psia	Witness	ed by			<u></u>	
**Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e ^{-s}) (F _c Q)2 (F _c Q)2 (1-e ^{-s}) Pt ² P _w R2 (Column i) Pt ² P _w 3616 0.231 18.512 1283 173,056 MAR 1.1 15.7	D =	415		Mcf/day	Compan	у				
REMARKS OR FRICTION CALCULATIONS GL (1-e ^{-S}) (F _c Q)2 (F _c Q)2 (1-e ^{-S}) Pt ² Pt ² Pw R2 (Column i) MAR 1.1 1507	* This is date	of completion test.								
GL (1-e ^{-s}) (F _c Q)2 (F _c Q)2 (1-e ^{-s}) Pt ² Pt ² Pw (Column i) Pt ² Pw MAR 1.1 15.7	* Meter error c	correction factor	DEMAS	ers or frict	TON CALC	ILATIONS				
GL (1-e-s) (F _c Q)2 R2 (Column i) 3616 0.231 18.542 4283 173,056 177,339 442		1	REMAR				D+2		0 0	
3616 0.231 18.542 4283 173,056 177,339 4421 MAR 1.4 1557	GL	(l-e ^{-s})	(F _c Q)2	(FQ)		,		امر ا	Pt2 + R2	Pw
MAR 14 1557		<u> </u>			R ²		(Column i	1	हें ि	1 P.
MAR 14 1557	3474	0 227	18 51.2	1,98	3		173.056	1 K	110 k	i i i
INMI EX 1003	סדפר	U. 231	10.24E	HE0	<u> </u>		-125070	AK A	AP 11 AS	7
								1	(ritt) and 100	

D @ 500 = 429