## 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)

72-018	3-01	and the same of th							
Pool	Aztec		Forma	ion Picture	d Cliffs	CountySan	Juan		
Purchasing F	Pipeline El	Paso Natural Gas Dote Test Filed							
			·			· · · · · · · · · · · · · · · · · · ·			
Operator	El Paso Natu	ral Gas	Lease	San Jacint	0	Well No	3	<del></del>	
	Sec24				Pay Zone: From 2150 To 2188				
Casing: OD	5-1/2 WT	15.55	_Set At2238_	Tubing: OI	$\frac{1-1/4}{w}$	гт	Perf. 21	60	
Produced Th	rough: Casing_	X	Tubing	Gas Gravit	y: Measured	544 E	stimated		
Date of Flor	v Test: From	3/16/58	To 3/23/	<u>′58 *</u> Date S.I.P.	Measured	1/10/58			
					Type Chart				
<b>22. 22. 23. 24. 24. 24. 25. 25. 26.</b>		OBSERVED DATA							
	_	manufacture of the state of the							
		1						(a)	
Flowing tubing pressure (Dwt)		t .			-			(b)	
					psig + 12 =		psia	(c)	
	pressure (meter re	J		aken:	neig + 12 -		neia	(d)	
Sougre mod	rt reading	) 2 x	spring constant		psig + 12			(d)	
	- (d) or (d) - (c)	, .	±				-	(e)	
Friction loss, Flowing column to		meter:	_						
-	ow through tubing:	1	through casing		=		psi	(f)	
	rage static meter p		-						
Normal cha	irt average reading.		·		psig + 12 =		psia	(g)	
Square root chart average rea		ing ( 7.5	) <sup>2</sup> x sp. const	5	00 =	281	psia	(g)	
	seven day avge. me				=	281	psia	(h)	
$P_{+} = (h) + (f)$		•			=	281	psia	(i)	
•	ng shut-in pressure	(Dwt)		660	psig + 12 =	672	psia	(j)	
Wellhead tubing shut-in pressure		-		660	psig + 12 =	672	psia	( <u>k)</u>	
$P_C = (j)$ or $(k)$	whichever well flo	wed through			· =	672	psia	Ü	
Flowing Temp. (Meter Run)		<u>-</u>	<u>55</u> •F	+ 460	=	515	°Abs	(m)	
$P_d = \frac{1}{2} P_c = \frac{1}{2} (1)$		F			=	336	psia	(11)	
			<del></del>		<del></del>		<del></del>		
			FLOW RATE (	CALCULATION	\				
		/		-	1	•			
Q =		*	V(c) =	=_=		<u> </u>	MCF	/da	
(integrate	ed)		•		]				
			Λ(q)						
			DELIVERABIL	ITY CALCULAT	<u>'ION</u>		2		
		P2 - P3 \=	0 < 0.0	٦					
D = Q355	5	1.0.4	338688	_ n9089	) =	327	MCF/	da.	
		[ 2 2 2	372623	.9219				<b></b>	
		(Pa-Pw/=		= -//					
	•	:							
SUMN	MARY				Page N	st	/		
P <sub>c</sub> =	672		psia	Company	SO IV	atural Gas	<del></del>		
Q =	355	<u> </u>	Mcf/day	Ву	Jane	M. /->	<del>volle</del>	<b>4</b>	
Pw=	281	<del> </del>	psia	Title	····				
P <sub>d</sub> =	336		psia	Witnessed 1	by	·			
D =	327	! !	Mcf/day	Company		<del> </del>	<del></del>		
* This is date	of completion test.	a a design of the second of th							
* Meter error c	orrection factor								
		F	REMARKS OR FR	CTION CALCULA	TIONS				
_			(F	'cQ) <sup>2</sup> (1-e <sup>-8</sup> )	Pt	2 ,	, _ ,		
GL	(1-e-S)	(F <sub>c</sub> Q	)2	R2		P t	2 + R <sup>2</sup>	₽w	
		<del>   </del>		H-	(Colum	nn i)			
		7. mm n n n n n n n n n n n n n n n n n n			27.0	·			
	l	an and	Fri	ction Negligi	те і				
		}							

D at 250 = 363

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