Initial Deliverability
Test
To BE

## 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)

Pool				Formation B. bota				San Juan County			
Purchasing Pi	peline	1		Keturel			Date Test	Filed			
	1 Paso N	atural	Gas	Lease	Mode	<b>3</b>		Well	No. 24	·	
Obergrot						Pay Zone: 1	From <b>732</b>	le .	To 7514		
UnitCasing: OD	sec	WT	I WP 17 c.	nge _,	·	Tubing OD	2-3/8	wr 4.7		7470	
Produced Thro		.W 1	Se	Tubing I		Cas Gravity:	Magaured	.638	Estimated		
Date of Flow	ougn: Casii	د <u>ال</u>	/63	m 6/6/	67	Gus Gravity.	Medsured.	9/27/6			
Meter Run Siz	e			Oniice Siz	e		i ype Cnart		type tops.		
				<u>OB</u>	SERVED	DATA					
Flowing casing	pressure (Dv	vt)					psig + 12 =		ps	ia (a)	
Flowing tubing											
Flowing meter p							psig + 12 =		ps	sia (c)	
Flowing meter p			g when Dwt.	measuremen	nt taken:		-1. 1.10				
Normal chart	t reading		. 2				_psig + 12 = -		ps		
			) ~ x spr	ing constant	±				ps	•	
Meter error (c) - Friction loss, F			ar•		*					(-,	
	w through tub			rough casino	7		=		ps	si (f)	
Seven day avera					-						
Normal char	taverace rea	dina					_psig + 12 =	lea	ps	sia (g	
Square root	chart average	reading	(	.) <sup>2</sup> x sp. co	nst		=	190	ps	sia (g	
	ven day avge						=	190	_	sia (h	
$P_t = (h) + (f)$					21	16	=	2128	-	sia (i)	
Wellhead casing					21		_psig + 12 =	2120		sia (j)	
Wellhead tubing							_psig + 12 = _	2128	-	sia (k sia (l)	
$P_c = (j) \text{ or } (k) \text{ w}$		II ilowed	through	73	°F + 460		-	533	*	sia (1) Abs (m	
Flowing Temp.	-				:r +40U		=	1064		sia (n	
$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)										
			/ <u>F</u>	LOW RATE	E CALCU	JLATION .	`	\			
	*		_					<b>\</b> •	229		
Q =		x	\\	(c) = _		=_		_)=	1	MCF/da	
(integrated	<del>i</del> )		\ _					/			
			/ 1	(d) _			,	/			
				EL IVERA	BII ITY (	CALCULATI	ON.		<u> </u>		
	**	F	, a, <u>r</u>			·	011				
4	229	(P2	- Pa }=	3306088	n	.7922		1	92	an / 1	
D = Q	4.7	-   }		286926	-	.7922 .8398		_ =	М	CF/da.	
	ن <b>نادد</b> د.	ДР	- Pw/= -	4							
SUMMA							- n	17.4			
· c	128			psia		Company	EJ FI	so Natur	#T		
·	229			Mcf/	day	Ву	Origin	al signed b	v		
- w	01			psia		Title			<u> </u>		
· a ———	061			psia	_	Witnessed by	<u> </u>				
D =	192			Mcf/	day	Company			-		
		test.									
• This is date o	or completion										
<ul><li>This is date of</li><li>Meter error co</li></ul>			السواصة	MADVE OF	בסו כדיי	יי או ריוו אייי	IONIS				
			RE	MARKS OR		N CALCULAT	IONS				
		or		MARKS OR	FRICTION	N CALCULAT	IONS	pt <sup>2</sup>	P <sub>t</sub> <sup>2</sup> + R <sup>2</sup>	Pw	
Meter error co	rrection facto	or	(F <sub>c</sub> Q)2	MARKS OR	(FcQ) <sup>2</sup>			Pt <sup>2</sup> Solumn i)	P <sub>t</sub> <sup>2</sup> + R <sup>2</sup>	Pw	
Meter error co	rrection facto	or		MARKS OR	(FcQ) <sup>2</sup>	(1-e <sup>-s</sup> )	(0		P <sub>t</sub> <sup>2</sup> + R <sup>2</sup>	P <sub>w</sub>	

D at 500 = 228



