V

Initial Deliverability

NEW MEXICO OIL CONSERVATION COMMISSION GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

EXCEPT BARKER DOME STORAGE AREA)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA

Pool	South	Blanco			_Format	tion.	Pictured	Cliffs		ounty_ S	an Juan		
Purchasing	Pipeline_	El Pas	Natur	al Gas			····			_	-15-58		
Operator_N	orthwest	Produ	ction G	orb• '	.ease		San Juan	27-8		Well N	1-14		
UnitI		ec. 14	T wr			8W	Pay Zone	· From			νο Γο 29 7	4	
Casina: OE		WT.	11 5	_Set At_			_Tubing: O			2 2	T. Perf.	200	33
Produced T	hrough: Co	rsing					_Gas Gravit						
							* Date S.I.P.				LS(IIIIQ)	eu	
Meter Run S							1.500					s	
					OBSE	RVE	DATA						
Flowing casin	ng pressure	(Dwt)		·				psig +	12 =			psia	(a
Flowing tubin	ng pressure (Dwt)		. .				psig +	12 =			psia	(b)
Flowing meter								psig +	12 =			psia	(c
Flowing meter Normal cha	r pressure (n art reading_		-				:	ngia ±	10 -				
	_) ² x	spring co	nstant			psig +				•	(d (d
Meter error (c)			·		±								(e)
Friction loss,	_												•
	low through								=			psi	(f)
Seven day ave Normal cha	artaveraae i	meadina						nsia 1	12 =				,
Square roo	t chart aver	ige readin	g (75)2 _{x s}	p. const.		5.0	psig /	=	300		psia psia	(g) (g)
	seven day a				•				=	300		psia	(9) (h)
$P_t = (h) + (f)$							004		=	300		psia	(i)
Wellhead casi							886	psig +	12 =	898		psia	(j)
Wellhead tubin							886	psig +	12 =	<u>898</u> 898		psia	(k
P _c = (j) or (k) Flowing Temp			ı ınrougn	59	°F +	- 46 N	•		=	519		psia	(1)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$		-/	-		· ·	400			=	449		Abs osia	(m (n)
				EL OW:	DATE O	A.T. C	NII ITION						
				FLOW.	naie C	ALC	CULATION		\.				
Q = (integrate	ed)	x	(Y (c)	_=		=_]=			.MCF/c	da
(Integrate	euj			V(d)	-								
				DELIV	ERABIL	ITY	CALCULAT	ION		 -			
_	1,459	[P	$\frac{2}{c} - P_{d}^{2} =$	604.8	03	n	0.866	7		1 24	6 5		
) = Q		— _	2 52	715,6	68	-	(0.845		=_	1,26	· · · · · ·	/CF/da	τ.
	•	ЦР	c-Pw/=		-								
SUMM	MARY												
°c =			898		psia		Company	No	thwest	Produ	ection C	orp.	
? =			1459 301		Mcf/day		Ву	Ray	y Phill	ips RA	Y PHILLIP	3	
~=			449		psia		Title		st Mgr,	Prod	Opr		
'd			1265		psia Mcf/day		Witnessed b	У					
This is date	of completic	on test.			o., ady		- ompuny				·		
Meter error co	-		_		on ===								
	<u> </u>		R	EMARKS		710 Q) ²	N CALCULAT	TION\$	5.2		 	1	
GL	(1-e	s)	(F _c Q)	2	91)	- رپ	(l-e ^{-S})		Pt ²		$P_t^2 + R^2$	P.	,
			- <u>-</u>				R2	+-	(Column i)		<u> </u>	\dashv
1864	0.12	27	5.794			7	36		00,000	90	,736	301	.2
Fc :	1.650											•	t



