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 Astes		Formation	Pictured Cliff	County.	San Juan	
Purchasing Pipeline_	Southern Uni	on Gas Company	Date	Test Filed	December 2	20, 1955
Operator Astec Of	11 & Gas Compa	Lease M	clanahan	We	ll No.	
Unit G Se	Tw	28# Bge 10	Pay Zone: From_			
Casing: OD 5 1/2*		Set At 1814		WT. 1.7		1850
•					_	
Produced Through: Co	4 .					d
Date of Flow Test: Fi				_		
Meter Run Size	4 :	Orifice Size	Type (Chart Kornel	Туре Taps	Flange
		OBSERV	ED DATA			
Flowing casing pressure						
Flowing tubing pressure (-	• •
Flowing meter pressure (I				12 =	p;	sia (c)
Normal chart reading	-		psig +	12 =		sia (d)
		spring constant		=	p	sia (d)
Meter error (c) - (d) or (d)	- (c)	<u>.</u>		=	ps	3i (e)
Friction loss, Flowing co						
(b) - (c) Flow through				=	ps	si (f)
Seven day average static Normal chart average i	•	23	nsig +	12 =	223 ps	sia (g)
Square root chart aven				=		sia (g)
Corrected seven day a	vge. meter press. (p _f) (g) + (e)		=		sia (h)
$P_t = (h) + (f)$	_	62	- 7	=		sia (i)
Wellhead casing shut-in p			psig T	12 =	620	sia (j)
Wellhead tubing shut-in pr			psig +	12 =	ÁZO	sia (k)
$P_C = (j)$ or (k) whichever (k)		60 .F + 40	30	=	£00	sia (l) Abs (m)
$P_d = \frac{1}{2} P_c = \frac{1}{2} (1)$			30	=	200	sia (n)
Q = (integrated)	x (<u>V(c)</u> =	=_=		N	/CF/da
	\	V(d)		/		
	_	DELIVERABILIT	Y CALCULATION			
677	$\left(P_c^2 - P_d^2\right) =$	206 01.3	.85		-	
o = Q 677	-	358 509	· 8745	=	592 M	CF/da.
	[Pc-Pw/=					
SUMMARY						
Pc =	639	psia	Company AZTEC			
? =	677	Mcf/day	By ORIGINA	L SIGNED BY	BILL R. HA	STINGS
	223	psia		tion Ingine	er	
od =	502	psia Mcf/day	Witnessed by Company		····	
This is date of completic						
Meter error correction for	ctor	REMARKS OR FRICT	ION CALCULATIONS			
GL (1-e	T	(FcO)	2 (1-e ^{-s})	Pt ²	P _t ² + R ²	Pw
		4-43-4	R2	(Column i)		
Frict	tion less negl	1g1ble				
			and the second		1	
			∥ ·)EC	22 1955	1	
			₩ OIL o	ON. COM.	**	
			1 2	VA. COM.	į	
				IST. 3		
			S. Company	The same of the sa		

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