

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)

P∞l	RIGH BARNCO		Formation_	Pictured Cli	Count	y San Juan	ŀ	
Purchasing	Pipeline	thern Union C	as Corpany	Date	Test Filed_	September	2), 1960	
Operator As	tec 011 & Gas	Company	Lease	tley	w	ell No.		
	Sec <u>8</u>			_Pay Zone: From.				
Casing: OD	2 7/8 WT.	6.5 Set A	2360	Tubing: OD	WT	T. Perf.		
Produced Through: Casing Tubing								
Date of Flor	w Test: From	9/7	9/15 *	Date S.I.P. Measur	red.	6/5/60		
Meter Run S	ize	Orif	ice Size 1.2	50 Type	Chart SR	Type Ton	· Plg.	
					· · · · · · · · · · · · · · · · · · ·	.,pe 1 ap	~	
.			OBSERVE					
Flowing cosir	ng pressure (Dwt)	····		psig	+12 =		osia (a)	
						psia (b)		
	r pressure (Dwt) r pressure (meter rea			psig	+ 12 =		osia (c)	
	art reading			psig	+ 12 -			
			constant	paig	T 12 -		psia (d)	
Square root chart reading () 2 x spring constant Meter error (c) - (d) or (d) - (c)								
Friction loss,	Flowing column to n	neter:				,) (C)	
(b) - (c) F	low through tubing: (a) - (c) Flow throug	h casing		=		osi (f)	
Seven day ave	erage static meter pre	essure (from meter o	:hart):	_				
	art average reading_			218 psig	+ 12 =	230	osia (g)	
Square root chart average reading () 2x sp. const					==		osia (g)	
Corrected seven day avge, meter press. $(p_f)(g) + (e)$							osia (h)	
$P_t = (h) + (f)$ Wellhead casing shut-in pressure (Dwt) psig + 12 =						T	osia (i)	
Wallhard Ashira at Ashira						516	osia (j)	
	whichever well flow			psig	+ 12 =	610	osia (k)	
Flowing Temp			55°F + 460				osia (1) 'Abs (m.)	
P _d = ½ P _c = ½	•				=		'Ab s (m) osia (n)	
						309	- (n)	
Q =	264 x	/	V RATE CALC	ULATION = 1.600	<u>,</u> \.	act.		
(integrate		\(e)		= _10)= -	264	.MCF/da	
		V(d)						
		DELI	VERABILITY	CALCULATION			 	
	П	P2-P2\=		.85				
o = Q 2	64	° ° ° 98 6	43 n	0.8895	-	235	ACF/da.	
		P2 P2 = **	7 8 6				ner/aa.	
	<u> </u>	, c - , w/-						
STIMA	MARY							
	6 <u>18</u>			Company Aste	o 041 & 6e			
°c =	264		psia Mcf/day	By ORIGINAL S				
·	233		—beia — wei/day			Met. Bogr		
od =	309		_ psia psia	Witnessed by			·	
	235		_ Mcf/day	Company				
This is date	of completion test.		-	•				
	orrection factor		40 on ======					
		HEMARI		CALCULATIONS (1-e-s)		,		
GL	(l-e ⁻⁵)	(F _c Q)2	$(F_cQ)2$ $(FcQ)^2$		Pt ²	P _t ² + R ² P _w		
				R ²	(Column i)		' w	
1600	0.130	2.146	0.236	5	2.900	53.136	231	
	1					1-		