-NEW MEXICO OIL CONSERVATION COMMISSIÓN

MUM BENICE COD

Form C-122

MULTI-POINT FACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

гогщ	U-122

Pool	Eum	ont (CC) (CC)	F	ormation	L	Quer	na in the	County_		Les	
Init	ial	Annı	ual		Spec	ial	X	_Date of	Test	7-27-56	
										6	
Unit	A	Sec. <u>2</u> Tv	√p 208	Rg	e 3 6	R Pur	chaser	Paso Na	tural G	LE Company	
Casi	ng 7" W	/t 20#]	I.D. <u>6.</u> 1	56 Se	t at 40	00 F	erf	.	То	1394	
Tubi	ng 2 1/2" W	it. 6.5#	.D. g.	41 Se	t at 33	97 F	Perf		_To		
Gas	Pay: From_	3342 To	3394	_L33	97 x	G 0.6 7	0 <u>-</u> GL_	2276	Bar.Pre	ss. 13.2	
Prod	ucing Thru:	Casing_		Tu	bing	x	Type We	:11	lingle		
Date	of Complet	ion: 8-2	5-54	Packe	r None	Si	ngle-Brade Reservo	enhead-G. oir Temp.	G. or G	.O. Dual	
						ED DATA					
Test	ed Through	(Protein)	Cheber)	(Meter)				Type Tap	s Pla	un coe	
		Flow D	ata			Tubin	g Data	Casing I			
No.	(Line)			Diff.	Temp.	Press		Press.		Duration of Flow	
	Size	Size	psig	h _w	° _F .	psig	°F.	psig	°F∙	Hr.	
SI 1.	<u> </u>	1.250	50k	12.3	65	873 809	 	874 812	-	72	
2.	—	1.250	594	25.0	69	765		771		5 k	
3 .	<u> </u>	1.250	606	33.6	$-\frac{n}{2}$	735		743	 	2)	
4. 5.		1.250	651	48.3	75	685	1	697		2k	
	Coeffici				FLOW CAL						
No.			Pr	essure			Gravity Factor			Rate of Flow	
	(24-Hou	$r)$ $\sqrt{h_W}$	Pf	psia			${ t F}_{ t g}$			@ 15.025 psia	
1.	9.643		42		0.9952		0.9463	1.066		837	
3 e	9.643 9.643	123. 144.	24		0.9915		0.9463	1.064		1186 1386	
2. 3. 4.	9.643	179.			0.9859		0.9463	1.06		1721	
ravit	iquid Hydroc cy of Liquid	carbon Rati d Hydrocarb	o ons l-e ^{-s} }_		ESSURE CA	ALCU! AT	Speci Speci		ty Flow	rator Gasing Fluid	
											
No.	P _w	Pt F	cQ	$(F_cQ)^2$	(F ₀	$(2)^2$	P _w 2	$P_c^2 - P_w^2$	Ca.	Pw Pc	
2.	895.2 784.2						681	106	 		
3.	756.2			. –			615 572	172 215			
2. 3. 4.	710.2						504	283	+		
	Lute Potent:	in]. 2780			MORRE			 -	<u> </u>		
COMPA	LNY	ial:3750 The Supe		1 Compa	_MCFPD;	11	<u>•11</u>				
DDRE		Midland,	Texas								
VI:TNE	and TITLE SSED	Jame	mins	utain	(Gas Rn	gineer)					
COMPA	IN I				REMA	RKS				· 	

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for pletting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

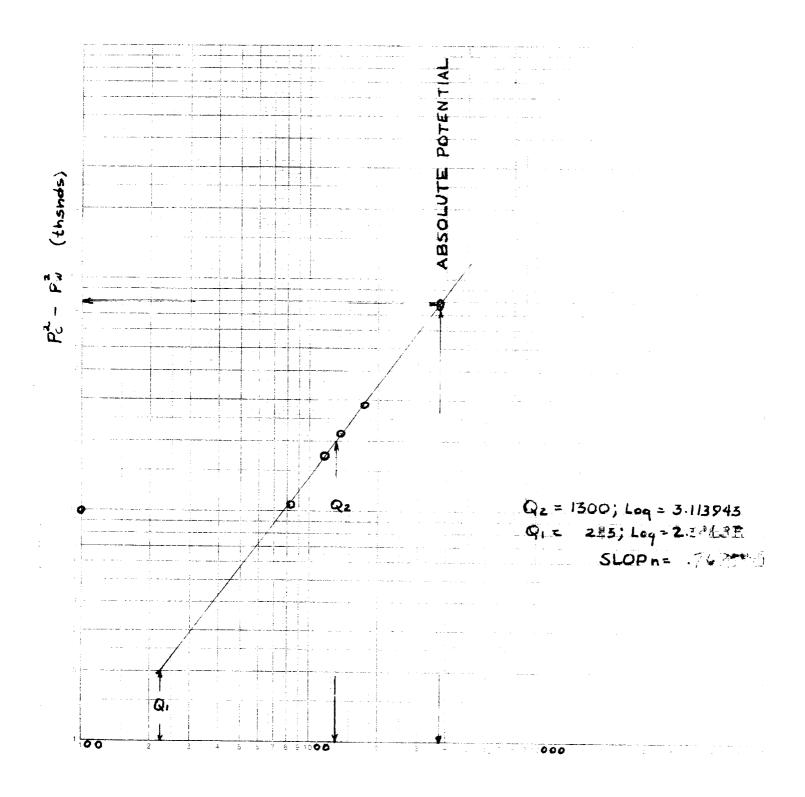
- Q = Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

L: State A No. 6

LOCATION: A 2-20S-36E

COUNTY: Lea

DATE: 7-27-56



Q - MCF - 15.025 psia