Corrected Report

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Form C-122

Poo.	Basin-L	alcot	<u>a</u>	Fc	rmation	Dako	ta		_County_	San Ju	lan	
Init	tial	<u> </u>	Annu	al		Spec	ial	- <u> </u>	Date of	Test	2-4-61	
Com	any Adobe	011	Compa	ny		Lease	E111	ott	Wel	l No	1	
Unit	G G	_Sec	20 Tw	p. 31N	Rg_Rg	e. 13W	Purc	chaser <u>E1</u>	Paso Na	tural	Gas Co.	
Casi	ing 5.5	_Wt	15.5 I	.D. <u>5.0</u>	12 Se	t at 60	650 Pe	erf. 6518	3	To66	40	
Tub	ing 2 3/8	_Wt	4.7 I	.D. <u>1.</u>	995 Se	t at_66	615 Pe	erf. Ope	en '	То		
	Pay: From											
											.ng G.O. Dual	
Date	of Comple	etion:	1-26-	-61	Packe	r None	S i r	ngle-Brade Reservo	enhead-G. (oir Temp.	G. or (G.O. Dual	
							ED DATA		-			
[est	ed Through	ı (Pr	over) (Choke)	(Meter)				Type Tap	s		
			Flow Da			Tubing Data			Type TapsCasing Data			
No.	(Prover) (Line)	(0)	hoke)	Press.	Diff.		Press.	Temp.	Press.		Duration of Flow	
	Size		Size	psig	h _w	o _F .		°F.	1	1	Hr.	
SI l.		<u> </u>	3/4	223		44	2059		2063 611	22 22	SI 7 days 3 hrs.	
1. 2. 3.			<u> </u>									
4. 5.												
				 		FLOW CAL	CIT.ATTON	ıs	!	L -		
vo.	Coefficier		nt		Pressure Flow		Temp. Gravity		Compress. Factor		Rate of Flow	
	(24-Ho	our) $\sqrt{h_W}$		p _f	f psia		t	Fg	F _{pv}		@ 15.025 psia	
2. 3.	12.365			2	35	1.0158	3	•9359	1.028		2795	
3 e												
·-												
					PR	ESSURE C	ALCUTATI	ONS				
	iquid Hydr ty of Liqu					cf/bbl. deg.					rator Gas ving Fluid	
				1-e ⁻⁵)				P _c	2075	Pc	4306	
	P _w	-		 -		-1-			η	 		
vo.	Pt (psia)	,	P_t^2 F_t	co	$(F_cQ)^2$	(F	cQ) ² -e ^{-s})	P_{w}^{2}	$P_c^2 - P_w^2$		Pw Pc	
Į. 2.	I (bera)	<u>'</u>						388	2019	 	P _C	
3.								700	3918	1		
5.												
	olute Poter PANY Adobe				·	MCFPD;	n	•75				
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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 plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q T Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- Pc 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 $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.