Form C-122

Revised 12-1-55

San Juan

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

					•				_councy			
Initial Annual Annual				Special				Date of Test				
Compa	any AME	ISCAN I	PETROLI	FIM CON	PORATION	Lease_J	learilla	Apacho l	02 Wel	l No	•	
Unit	6	Sec.	4 Tw	D. 261	Rge	e. 4W	Purcl	naser #1	Paso Mate	ral Gas	Company	
Casi	ng 4-1/2	wt. 10	. 5 I	.D. 4.0	52 Set	t at	Per	rf	8332	To 83	NS .	
Tubi	ng 2-3/8	Wt.	.7 _I	D. 1.9)5 Set	tat 🕷	332 Per	rf.	##	To *		
	Pay: From										12	
rrod	ucing Thru	: Ca.	STUR	14_43	1ui	ovus"	Sin	zle-Brade	enhead-G.	G. or G.	O. Dual	
Date	of Comple	tion:_		5.3~ 4.3	Packer			keservo	orr remb.	· · · · · · · · · · · · · · · · · · ·	_	
						OBSERV	ED DATA			pt.	***	
Test	ed Through	(PF)	(Text	Choke)	(Meter)				Туре Тар	s		
	 		Flow D	ata_			Tubing	Data	Casing D	ata		
No.	(Line)	(Ch	oke) fice)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Тежр.	Duration of Flow	
	Size			psig	h _w	°F.	psig	o _F .	psig	°F.	Hr.	
SI	7 days		, , , , , , , , , , , , , , , , , , , ,				252		373		3 bea.	
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3.									<u> </u>			
4.					-							
5.		<u> </u>		ļ				<u></u> _	L	L		
					1	FLOW CAL	CULATION	S				
	Coefficient Pr				ressure Flow		Temp. Gravity				Rate of Flow	
No.				—		Fac	tor	Factor	Factor		Q-MCFPD 0 15.025 psia	
	(24-Hour) √		√ n _w	n _w p _f psia		1.0000		.9250	F _{pv}		2693	
1. 2.	12.3630		 		247							
3.			 						_			
4.												
5.		<u> </u>	L									
					PR.	ESSURE C	ALCUIATI	ons				
											_	
	iquid Hydr					cf/bbl.		Speci	ific Gravi	ty Separ	ator Gas	
	ty of Liqu	іа нуа	rocard)	ons 1-e ^{-s})		deg.		P _c	ific Gravi	P2 P2	,426,816	
C			 `			,	•	C		_		
		 							1			
No.	$P_{\mathbf{W}}$	P	2 F	_c Q	$(F_cQ)^2$	(F	(cQ) ² (-e ^{-s})	P_{w}^2	$P_c^2 - P_w^2$	Cal	P _w	
	Pt (psia)		t -	c l	(- 64)	(1	-e-s)			P	Pc	
Ţ.								144,309	4,002,24	/	1.0044	
2 . 3.		 										
4.		 							12	HIVEK		
4. 5.									KLL	MAFR	\	
Abso	lute Poten	tial:_		2862		MCFPD:	n 0.	/> 		26 1963		
COMP.		PAN A		y year		renat to			AUG	20 1000	Mi.	
ADDR	ESST and TITL	E	7: 八	洪,军	Elekan		ORIGINAL DRIGHT	SIGNED BY	- tolt	ON. CO	· / 	
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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 I Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw- 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
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If P_{w} cannot be taken because of manner of completion or condition of well, then P_{w} must be calculated by adding the pressure drop due to friction within the flow string to P_{t} .