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MULTI-POINT	BACK	PRESSURE	TEST	FOR	GASTWELLS

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- ,				NEW	MEXICO	OIL CONS	SERVATIO	ON COMMISS	ION		
										7/12 0-	Form C-122
				MULTI	-POINT B	ACK PRES	SSURE TI	EST FOR GA	SOWELLS	i - cof	Form C-122 Revised 12-1-55
Poo]	Johnst			F	ormation		ntos		County_	1 10 1	5
											VI-12-57
Comp	any Skelly	011 Ce	abenà			Lease	Gosper_		Wel	1 No	<u>. </u>
Unit	. Note	Sec. 12	Tw	0 _ 24 _	Rg	e. 36	Pui	rchaser 📉	Paso Natu	cal Gas	Co.
Tubi	ingWene_W	it	I	•D•	Se	t at	I	Perf		To	
Gas	Pay: From_	2968	_To	32201	L_20	·5	^{cG} _0.64	5	1835	Bar.Pre	ss <u>13.2</u>
Prod	lucing Thru:	Cas	ing	<u> </u>	Tu	bing	Si	Type We	ell sinc	G. or G	.O. Dual
Date	e of Complet	ion: 3-	26- 49		Packe	r		Reserve	oir Temp.		
						OBSERV	ED DATA	A			
Test	ed Through	Prom		heker)	(Meter)	•			Type Tap	s	
	YYYXXXXX		Low Da	ata Press	. Diff.	Temp.	Tubir	ng Data	Casing D	ata Temp.	Duration
No.	(Line)	(Orif	ice)			•					of Flow
SI	Size	Siz	ze 	psig	h _w	o _F .	ps i g	ζ · · · · · · · · · · · · · · · · · · ·	psig	°F.	Hr.
1. 2.		1.000		5.00	6.06	103			500		72
2 . 3.		1.000		583	14.06	103			584		24
3. 4.		1.000		565	18.49	101	 		563	 	24
5.		1,000		707	31.84	7.7					
						FLOW CAI	CULATIO	ONS			
No.	Coeffici	ent		P	ressure Flow Te		~ 1	Gravity Factor	, - ·		Rate of Flow Q-MCFPD
NO.	(24-Hou	r) -	√ h _w I		psia	Factor F _t		Fg			@ 15.025 psia
1.	4 395		-63.1			0.961	0	0.9645	1.042		378
1. 2. 3.	6.135 6.135		92.		0.9618		8	0.9615	1.012		54.4
3 c	6.135 6.135		104.	104.71 0.9627 0.9645 165.90 0.9669 0.9645		1.042		993			
4. 5.			199+7								
					PR	ESSURE C	CALCUIAT				
	iquid Hydro ty of Liqui					cf/bbl.		Spec:	ific Gravi ific Gravi	ty Separ	rator Gaso.645 ing Fluid
	.4682	-		l-e ^{-s} ∑	0.119		-	Pc—	13.2	Pc 37	6.0
- 		 -					 -		- 		
No.	$P_{\mathbf{W}}$	P _t .	F	Q	$(F_cQ)^2$	(F	$(c_0)^2$	$P_{w}2$	$P_c^2 - P_w^2$	Ca	1. P.,
	Pt (psia)				-	(1	. - e ∪)	••		P,	Pw Pc
$\frac{1}{2}$.	602.2	362.4		25	0.03	0.0		362.6 356.6	13.4		
3. [331:2	-356.6 -3555		29	0.00	0.0	no	255.5	20.5		
4. 5.	582.2	339.		.46	0.21	0.6	25	339.0	37.0		
	lute Potent	ial· 4	740			MCFPD •	n 0,	916	-1	, L	
COME	ANY -					,					
ADDR	ESS T and TITLE	, 30, H	libbs,	How M	exico						· · · · · · · · · · · · · · · · · · ·
MT.T.V	ESSED										
COMF	'ANY					Den	(A DVC				
						KEM	IARKS				

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 600 F.
- P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwI 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.
- $h_{\mathbf{W}}$ 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_{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} .