MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

юТ	(Dual with	tured	Cliffs	Formatio	n Pletus	ed Cliff	<u> </u>	_County	San A	
niti	al		Annual		Spec	ial	<u> </u>	_Date of	Test	iermber 10,
mpa	ny Pan A	erica:	Petrole	can Corp.	_Lease	onzales	Gas Unit	₩A® Wel	1 No	<u>i </u>
it		ec	Twp	279 R	ge. <u>10W</u>	Purcl	haser	Il Page He	stural C	las Company
sin	g <u> </u>	t	I.D.	5.012 S	et at	997 Per	rf1		To	#70
bin	g 1-1/2 W	t. 2,	<u>•</u> I.D.	1.410 S	et at	252 Per	rf. open	ended;	de beste	rations
			and the second							ss. <u>12</u>
odu	cing Thru:	Cas	ing	T	ubi.ng	<u>x</u>	Type We	11	Cas Des	1
te	of Complet	ion:	11-3-59	Pack	er 1#2	Sing	gle-Brade Reservo	nhead-G. ir Temp	G. or G	.O. Dual
	-					ED DATA		_		
st.e	d Through	(Pro-	(Chol	ce) (Notes				Type Tap	s	·
			low Data			Tubing	Data	Casing D		
Т		(Cho	ke) Pre	ess. Diff	Temp.	Press.			Temp.	
1	(Line) Size		ze ps	sig h _w	o _F .	psig	° _F .	psig	o _F .	of Flow
L	Sheet 2"				60° (aut.	366				
		3/		67) 72				3 hours
		<u> </u>								
	Coeffici	ent		Pressure	FLOW CAL			Compre	sa. 1	Rate of Flow
				Fact	Flow Temp. Gravity Factor Factor Ft Fg		Factor F _{pv}		Q-MCFPD @ 15.025 psia	
F	12,365			79	1.00	0	0.960	1.6	07	94.5
上										
上										
rit	quid Hydro y of Liqui 16.46				cf/bbl.deg.	ALCUIATIO	Speci Speci			rator Gas ing Fluid
ĺ	P _w Pt (psia)	Pt2	F _c Q	(F _c Q) ²	2 (F.	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Cal P	Pw Pc
F	83	6,889	13.55	341,93	20	.324	7,213	131,191	165	
_										
	ute Potent NY Pan Am		110)		MCFPD;	n 0.8	<u> </u>			
RE	SS Dox 4	7. Par	mington.	New Hearles		10100	Saver	0		
'NE	and TITLE SSED		n, 2007,	Tr. APO	-067 US6	1 CVY	-aver	, <i>p</i>		
	NY				DEN		. <u></u>			
1PA					REM	ARKS		James Comment	11 12	

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 \equiv Actual rate of flow at end of flow period at W. H. working pressure (P_W). 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
- 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_{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_{+} .

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