Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Poo	1 Souta	outa lance Formation_			ì	idatured Gliffs			R.L.	o erriba		
Initial Annual Special Date of Test								15/59				
Com	pany	ec (41	. ac	As Com	wy	Lease	frient.	licarulla	Wel	l No	8	
Uni	t	Sec	26 Tw	p. 🌁	Rg_Rg	ge	Purc	haser				
Cas	ing ! 1/2	/t	· Co	.D.	.⊃⊘_Se	t at	Pe	rf	ب رد	ro	<i>j</i> o	
Tubing 2 Wt. h.73 I.D. 1.995 Set at 3357 Perf. 3357 To 3357												
Gas Pay: From 3339 To 3390 L xG _GL Bar.Press												
Pro	ducing Thru:	Cas	sing		Tu	bing	X	Type We	11 535	10- 82		
Dat	Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual Date of Completion: Packer Reservoir Temp.											
	L - 6787					OBSERV						
Tes	ted Through	(173)	er (Choke)	(Never)				Type Tap:	5		
		F	low Da	ata		7	Tubing	Data	Casing Da	ata		
	(Prover)	(Cho	oke)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration	
No.	(Line) Size	(Ori	ize	psig	$h_{\mathbf{W}}$	o _F .	psig	o _F ,	psig	[⊃] F•	of Flow Hr.	
ŞI		7-7	7				949	60	21.9		7 days	
1. 2. 3. 4. 5.		3.150					276	30	Ç.K	<u>\$0</u>	1 agere	
3.		1										
4• 5•	·				,							
						PTOW CAT	CITT A TOTAL	c				
	Coefficient Pressure						CALCULATIONS Low Temp. Gravit		y Compress. Rate of Flow			
No.	(2) Uan	(24-Hour) \[\sqrt{h_{wi}} \]				Fac	tor	Factor F _g	Factor		Q-MCFPD @ 15.025 psia	
-	(24-hour) \(\frac{12.365}{}\)		V 11W	p _f psia			Ft		F _{pv} (3795	
1. 2. 3. 4. 5.								0.9/08				
3.												
5.	 							·····				
					PR	ESSURE C	ALCU ATI	ons				
as l	Liquid Hydro	carbon	Ratio	0		cf/bbl.		Speci	fic Gravit	y Sepa	rator Gas	
Gravi	ity of Liqui	d Hydr	ocarbo	ons		deg.		Speci	fic Gravit	y Flow	ing Fluid	
′c		· · · · · · · · · · · · · · · · · · ·	(.	l-e ⁻⁵)				Pc	% 31	¹c_ 22	3.521	
—	P _w				-	- 1						
No.		Pt	F	Q	$(F_cQ)^2$	(F.	cQ) ² -e ^{-s})	P_w^2	$P_c^2 - P_w^2$	Ca	P _W	
7.	Pt (psia)					(1	<u>-e-0)</u>	310.249	11,272	P.	w ¹c	
1. 2.												
3. 4.										 	1	
4. 5.												
Absolute Potential: MCFPD; n MCFPD; n												
ADDRESS COMPANY COMPAN												
ADDRESS CINCINAL SIGNID STATE STATE AGENT and TITLE CONTRACTOR STATE STA												
WIT	NESSED											
COM	COMPANYREMARKS											



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.
- 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.
- $h_{\mbox{W}}$ 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 $P_{\mathbf{W}}$ 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 $P_{\mathbf{t}}$.

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