Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Blanco	Mesaverd	e F	ormation_	Me	saverde		_County	San J	Juan
										ept. 11, 1959
Compa	any South	ern Union	Gas Comp	any I	Lease	Nord	lhaus	Wel	1 No	7
Jnit	A S	Sec. 1	Twp31	N Rge	9. 99. 19. 19. 19. 19. 19. 19. 19. 19. 1	W Purc	haser So	outhern Un	ion Gas	SO61
Tu bir	ng 2-3/8"W	t. 4.7	# I.D. 2.	995 Set	t at	383 Pe	rf		To	
Gas F	Pay: From_	5395 To	6061	L		cG			Bar.Pre	ss. <u>12.0</u>
Produ	cing Thru:	Casing	z	Tul	oing	X Cdm	Type We	11 Sin	gle - C	las
Date	of Complet	ion: Sept	. 1, 1959	Packer	Non	6 2TU	Reservo	ir Temp	G. Of G	Duai
					OBSERV	ED DATA				
[este	ed Through	(NOOT	(Choke)	(Heffer)	x			Туре Тар	s	
	(D		v Data	Dice	Ma		Data	Casing D		Duration
No.	(Prover) (Line) Size	(Orifice Size	∍)	1			i	psig	!	of Flow
SI		30.0				1033		1033		9 days
1. 2.		3/4"	269	 	70	 		740		3 hours
3.		1								
4. 5.						-	 -			
No.	Coefficient (24-Hour) √ h _w p		h _w p _f	Pressure		CULATION Temp. ctor	Gravity	y Compress. Rate of Flo r Factor Q-MCFPD F _{pv} @ 15.025 ps 1.029 3,349		Rate of Flow Q-MCFPD @ 15.025 psia
1. 2. 3. 4.	12,3050			201	0.7705		0.9403	3.0427		J ₉ 347
3 e										
5.					· · · · · · · · · · · · · · · · · · ·					
ravit	iquid Hydro Ly of Liqui	d Hydroca			cf/bbldeg		Speci		ty Flow	erator Gas ving Fluid 1092 565
No.	P _w Pt (psia)	Pt ²	F _c Q	$(F_cQ)^2$	()	$F_{\mathbf{c}^{\mathbf{Q}}})^2$	P _w 2	$P_c^2 - P_w^2$		P _w
<u>;</u>							565	527		
3.									1	
1. 2. 3. 4.									 	
Absol COMPA ADDRI AGEN	ESS P. (T and TITLE ESSED	THERN UNI	ON GAS CO	gton, Ne	w Mexic		0,75	APTIN APTIN	The state of the s	
							/	RLLI	/ED/	\

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 ($P_{\rm W}$). 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
- P_{f} Meter pressure, psia.
- hw= Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{nv} 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_+ .

No. 1	Training FAIR	ussion Ge
No Comes tra		
	TANK ON	
7421 - 1	A STATE OF THE STA	
Qa Qa Ti	1	ļ
Company of the second	Mary Suns 1	Consideration of the Constitution of the Const
Strift on the string of the second		
Letter Town	The boundary of the control of the c	-