MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Wild	lest		Fo	rmation	Dako	ta	·	County	Sen	Juan	
Init	ial 🗶		_Annua	1		Spec	ial		_Date of	Test_	10-24-60	
Comp	any Texas In	ustern	Transa	ission	Corp.	Lease_ St	ephens U	hit	Wel	1 No.	1	
Unit	M S	Sec	Twp	_ 30M	Rge	. 121	Purc	haser				
	ng 4 1/2 W							023			6266 6360	
												*
Tubing 2 3/8 Wt. 4.7 I.D. 2.000 Set at 6309 Perf. Gran Ended To Gas Pay: From 6254 To 6360 L xG _GL Bar. Press.												
Date	ucing Thru: of Complet	ion:	9-25-	60	Packer		Sin	gle-Brade Reservo	enhead-G.	G. or	G.O. Dual	
	•	-			_		ED DATA		_			
Teste	ed Through	(C) (C)	C	hoke)	iisestà				Туре Тар	s		
	(Provide)		low Da		Dice				Casing D	ata	Dur	
No.	(Prover) (Line)	ACRES		,		- 1		Temp.		-	of	Flow
SI	Size	Si .7.		psig 53	h _w	68	psig 53	°F.	psig	·F•	3 Nours	
1.							1962		1942		7 Days	
2 . 3.							·	·		<u> </u>	Sharti	n.
4.												
No.	Coefficie	ent r)	√ h _w p _j	Pre	ssure esia	LOW CALC Flow T Fact F ₁	CULATIONS Temp.	Gravity Factor Fg	Compre Facto Fpv	ss. r	Rate of Q-MCFPD @ 15.025	
	12.365				65	.9924		•9759	1.00	7	784	
1. 2. 3.						***************************************						
+•										· · · · · · · · · · · · · · · · · · ·		
as Li ravit	iquid Hydrod y of Liquid		ocarboi				ALCU ATIO	Speci Speci	fic Gravi	ty_Flo	parator Ga owing Flui 389667	d
								·				
No.	P _w	Pt2	Fe	!	(F _c Q) ²	(F ₀	Q) ² e-s)	P _w 2	P _c -P _w ² 3841920	1	Cal. P.	₩ C
								54 756	JC 71720			
L. 2. 3.		· <u>·</u>				_				+		
			1						<u> </u>			
	ute Potenti	ial:	792		Name of the	MCFPD;	n <u>.75</u>					
COMPA ADDRE					ilon Corrive Par		, Xev Ma	xieo				
GENT	and TITLE		H. A.	Heely Jerner	Owner	& Teste						
) OPIT A	(1.0143)	75 (1.			A REMIN	REM	RKS		R		The same of the sa	

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
- 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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 $P_{\mathbf{t}}$.

STA	TE OF NEW		
ÁZT.	C MANION C		
COL	ES PECEIVED	N	
FILE U.S.G.S. L/ND O.P.			
TRANSPOLT &	CE.		
Ser -			