Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

ool Basin-Dakota				Formation Dakota				County San Juan			
nit	ial X	Anr	nual		Speci	ial		_Date of	Te st	12/2	0/60
отра	any South	west Produ	ction Co	mpany I	.ease J	ames Sc	ott	Wel	l No	#1	
nit	_ A	Sec. <u>18</u> 7	wp	NRge	. 11W	Purc	haser	El Paso	<u>Natura</u>	1 Gas	Company
		Wt. 17#									
		Nt. 4.7									
		6393 To									
rodi	ucing Thru	: Casing_		Tul	oing	Sin	Type We gle-Brade	11si	ngle-G G. or	G.O.	Dual
)ate	of Comple	tion: 12/4	/60	Packer	·		Reservo	ir Temp.	·		
					OBSERVI	ED DATA					
'este	ed Through	(PENDENEX)	(Choke)	ke) (NEXEX				Type Taps			
			Data			Tubing	Data	Casing I	ata	- -	<u>-</u>
T	(Prover)	(Choke)	Press.	Diff.	Temp.	Press			Temp.	7	Duration of Flow
No.	(Line) Size	(Orifice)) psig	h _w	°F•	psig	°F.	psig	[⊃] F•		Hr.
SI						2406		2410		1-7	-Day
L. 2.		3/4"	308		66	308	66	829			3-Hr
3 <u>.</u>									Ī		
5.							 			╅	
lo ol	Coefficient (24-Hour) $\sqrt{h_w p_1}$			_		tor	Factor			@ 15.025 psia	
	12.3650			320		43	.9463	1.0	1.035 3.85		3,853
2. 3.											
5.											
ravi	iquid Hydr ty of Liqu	ocarbon Ra id Hydroca	tio rbons (1-e ^{-s})_		cf/bbldeg.		Speci	ific Grav ific Grav <u>2422</u> 841	ity Florence ity F	owing	Fluid
No.	P _w	P _t ²	F _c Q	$(F_cQ)^2$	(F	(cQ) ² (-e-s)	P _w 2	$P_c^2-P_w^2$		Cal.	Pw Pc
1.	Pt (psia)				(1		7 07	5159		_ W	.347
1. 2. 3. 4.					-		 				
4.											
COMF ADDR AGEN WITN	PANY Sout RESS 162 IT and TITI RESSED	thwest Prod 2 Petr. Cen E George	uction C	Farmi	ngton, N	Foreman	co				
COME					REN	MARKS		RI		1060	

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 = 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.
- $P_{\mathbf{w}}^{\mathsf{T}}$ Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g Gravity correction factor.
- FtT Flowing temperature correction factor.
- F_{DV}^{-1} 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 $P_{\mathbf{t}}$.