D E T	NT and TITL NESSED / PANY	Han	7-6								
D		H: W: TO	. Howard	Gas Tes	ter						
	RESS	Box	127. Hob	s. New M	ercies						
	olute Potent PANY			Oil Compa		; n	79				
1											
†	857.2 830.2	689.2	1.74	3.03		<u>21.</u>	735.0 689.6	106.3	857.4	93	
‡	874.2	764.2	1.02	1.04		14	764.3	77.0	874.2	.95	
+	Pt (psia)	788.9	.56	.31		L-e ⁻³)	788.9	52.4	888.2	N 1	
Ţ	P _W	Pt ²	F _c Q	(F _c Q) ²	(1	F _c Q) ² l-e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca]		
	.9583		(1-e ^{-s}	.137		-	Pc	917.2	_Pc	41.3	
	iquid Hydro ty of Liqui		arbons		cf/bbl.deg.	•	Spec	ific Gravi ific Gravi	ty Flowi	ng Fluid	
						CALCUTATI					
+	9.643	1	39.21	645.2	.9915		.9427	1.06		<u> </u>	
9.643		1	3.41	633.2	33.2 .9905		.9427			1,377	
+	9.643	1	1.69	616.2	.9877		.91.27 .91.27	1.064		1,067	
Ļ			h _w p _f	602.2	. 9896			Fpv 1.06		587	
	Coefficient (24-Hour)			Pressure psia	Fac	tor	Factor	Factor		Q-MCFPD @ 15.025 ps	
Т	000:	ant I				CULATION Temp.	S Gravity	Compre	ss. Th	ate of Flo	
ļ					L	L	<u> </u>		1		
-		1.250	632	55.50				817 *		24	
-	4	1.250	603 620	20.25 32.49		 	 	861	+	<u>24</u>	
ľ	4	1.250	589	6.25				875		24	
-		1	_	W				904		72	
	(Prover) (Line) Size	(Choke (Orific Size	e)		Temp.	Press. psig		Press.	Temp.	of Flo Hr.	
_			w Data			Tubing		Casing D		Duratio	
t	ed Through	(Browner	(CODORNE	(Meter)				Type Tap	s <u>Pl</u>	nge	
					OBSERV	ED DATA					
е	of Complet	ion: <u>3</u>	12-49	Packe	r_ None		Reservo	ir Temp	90°		
d	ucing Thru:	Casin	<u> </u>	Tul	bing	Sin	Type We gle-Brade	ll Si nhead-G.	gle G. or G.	O. Dual	
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p	any <u>Conti</u>	inental O	11 Compa	DY	Lease	Meyer B-	18	Wel	l No	2	
t	ial	A1	nnual		Spec	ial	x	_Date of '	Test <u>11</u>	-16-56	
				OTHECTOR							
	Eumont									evised 12-1	

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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_{w} 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.
- $h_{\mbox{\scriptsize W}}$ Differential meter pressure, inches water.
- $F_g = Gravity$ correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.