والمجيدة عجارات

	101	III O-IZZ
 	Revised	12-1-55

			MULTI:	-POINT BA	: ACK PRES	SURE TEST	FOR GAS	WELLS		Revised 12-1-5
ool	Damord		F	ormation	Que:	ar Eu	M 13	5) _County_	Lea	
niti	al	Ann	ual		Spec	ial		_Date of	Tes#	-56
om <del>pa</del>	mble oil &	Refining	Company	]	Lease	N.M. State	e G	We	ll No	4
- nit	<b>G</b> S	Sec <b>26</b> T	wo 21s	Rge	36E	Purch	naser <u></u> A F	ase Natu	ral Gas	Company
asin	g 5½ W	15.0	I.D. 4.	976 <sub>Set</sub>	t at 3	<b>63</b> Per	of. 358	10	_To	3754
	g 2 W									
										ess. 13.2
150u	- & Clet	√asing_ 	56	On alcar	none	Sing	gle-Brade	nhead-G.	G. or (	G.O. Dual
ate	or combrer	.10n; <u></u>		Facke				i iompo		
			*********	<b>/%</b>		ED DATA				flange
este	d Through	(Prover)	(choke)	(Meter)				Type Ta		· · · · · · · · · · · · · · · · · · ·
		Flow (Cheke)	Data	. Diff.	Temp.	Tubing Press.	Data Temp.	Casing Press.	Data Temp.	Duration
0.	(Line)	(Orifice)	)		•		_	psig	Į.	L OF FIOW
_	Size	Size	psig	h <sub>w</sub>	° <sub>F</sub> .	psig	Γ.	1012	·	72
I	4"	1.500	551	13.0	60	953		961		24
<del>:   -</del>	LH	1.500	554	25.0	65	855		<b>À10</b>		24
•	47	1.500	563	37.2	68	7/8		862		24
	4"	1,500	\$67	60.8	72	645		775		
٥.	Coeffici (24-Hou		w <sup>p</sup> f	ressure psia	Flow Fac F	CULATIONS Temp.	Gravity Factor Fg	Compr Fact Fpv	or	Rate of Flow Q-MCFPD @ 15.025 psia
	13.99			564.2	1.000		9225	1.07		1185.2 1636.5
•	13.99	119		567,2 576.2	0.995	L (	).9225 ).9225	1.06		2002.2
c	13.99 13.99			580.2	0.986		9225	1.07		2563.8
s Li	quid Hydro	id Hydrocai	rbons		cf/bbl.	CALCU ATI	Speci Speci	fic Grav	ity Flo	arator Gas wing Fluid 1051.04
0.	P <sub>w</sub>	Pt <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	(1)	F <sub>c</sub> Q) <sup>2</sup> L-e <sup>-s</sup> )	P <sub>w</sub> 2	$P_c^2 - P_w^2$	C	al. Pw Pw Pc
	974.2						949.0			95.0
	923.2						852.2 765.9	285		85.4
	u Jak	<del></del>					621.2			76.9
•	<b>875.</b> 2 78 <b>8.</b> 2		1					!	1	
	784.2							l		
bsol OMP/	Lute Potent NY <b>Humb</b> ESS <b>Box</b>	2347, Hobb	S, Nort .	Company		n0.5		andent		
bsol OMPA DDRE	Lute Potent	2347, Hobb	S, N. A.	Company		; n_ 0.5		endent		

## 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 600 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.
- Ft Flowing temperature correction factor.
- $F_{pv}$  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  $P_{\mathbf{t}}$ .