MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-55

					Verde		County_	San J	MAT
nitial									
mpany Ske									
7-5/8" sing \$-1/2"	26.4#	T.D.	969# CO CO Co-b	230	41	393	0'	42	31
sing 5-1/2"								To	4!
bing 2º EIE									
s Pay: From	3930' To	14441	L 143	91 x(0.67		974	Bar.Pre	ss. <u>12.0</u>
oducing C ru Co te of Comple	: "Casing_		Tub	ing	<u>x</u>	Type We	ll Sincl	e - Ges	
te of Comple	tien: 5-13-	-59	Packer		Sin	gle-Brade Reservo	enhead-G.	G. or G	.O. Dual
014.0				OBSERVE		_			
පි sted Throwsh	(P	(0))	/n	OLOLIVE	DAIA				
<	号		(Melcer)				Type Tap	s	
(Prover)	© Flow I (Choke)		Diff	Temp.	Tubing	Data Temp.	Casing D		
(Line) Size	(Orifice)	1 1				-	Press.		Duratic of Flc
Dize	Size	psig	h _w	° _F .	psig 960		psig	F.	Hr.
	3/4"	331		600	331	600	1087 857		3 hours
		+							
	····							l	
Coeffici	lent	Pre		LOW CALC Flow T		Gravity	Compre	ss. I	ate of Flow
(24-Hou	(r) $\sqrt{h_W}$		sia	Fact	or	Factor	Facto	r	Q-MCFPD
	, I VW					Fg	Fpv		15.025 psi
J		3	43. 0			UATED		7	
		3	43.0			U.7403	4003		4,101
<u> </u>		3	43.0			V.7403	4.03		4,101
			43.0	1.000		U.7403			4,101
12.3650 Liquid Hydro	carbon Rati	0	PRES	SSURE CA		ONS Special Special	fic Gravit	ty Separ	
12.3650 Liquid Hydro	carbon Rati	o_ ons	PRES	SSURE CAL		ONS Special Special	fic Gravit	ty Separ	ator Gas ng Fluid
Liquid Hydro ity of Liqui	carbon Rati	oonsl-e^-s)	PRES	SSURE CAL ef/bbl. deg.	LCU ATIO	ONS Special Special	fic Gravit	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui	carbon Rati	oonsl-e^-s)	PRES	SSURE CAL	CCU'ATIO	Specin	fic Gravit	cy Separ cy Flowi PC 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui	carbon Rati	oonsl-e^-s)	PRES	SSURE CAL ef/bbl. deg.	CCU'ATIO	Special P _c	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui	carbon Rati	oonsl-e^-s)	PRES	SSURE CAL ef/bbl. deg.	CCU'ATIO	Special P _c	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui Pw Pt (psia)	carbon Ratid Hydrocarb (o_ ons_ l-e ^{-s})_	PRES	SSURE CAL ef/bbl. deg.	CCU'ATIO	Special P _c	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui Pw Pt (psia) olute Potent PANY Skal	carbon Ratid Hydrocarb (o ons_ l-e ^{-s})	PRES	SSURE CALL of/bbl. deg. (Fcc (1-e	CCU'ATIO	Special Special Pc-Pw2	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydro ity of Liqui Pw Pt (psia) olute Potent PANY Skel RESS P. 0	carbon Ratid Hydrocarb (o ons l-e ^{-s})	PRES (F _c Q) ²	SSURE CAL	CCU'ATIO	Special Special Pc-Pw2	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8
Liquid Hydrovity of Liqui Pw Pt (psia) olute Potent PANY Skal	carbon Ratid Hydrocarb Pt F ial: 8,69 lv Oil Comp Box 426, J. B. C B. A. S	o ons l-e-s)	PRES (F _c Q) ²	SSURE CALL of/bbl. deg. (Fcc (1-6)	CCU'ATIO	Special Special Pc-Pw2	fic Gravit fic Gravit 1099	cy Separ cy Flowi Pc 1	ator Gas ng Fluid 207.8

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 Tactual rate of flow at end of flow period at W. H. working pressure (Pw). 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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_{t} .