MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

FO.	T III	U-IZZ
Revised	12	-1-55

	Cha Cha C	# Trub		Formation	Gel	lup		_County	Sea Ju	
niti	al X	An	nual		Spec:	ial		_Date of	Test Sep	3, 1963
ompa	ny Fan Amer	ioan Pet	rolema C	orp.	Lease	elleges	Campon Ur	it Wel	.1 No	140
nit	12/4,51/16	ec. 29	Twp. 26	Rge	e. 12	Purch	naser			
asin	g L-1/2 W	t. 10.5	I.D.	Set	t at 526 5	Per	rf. 5201)	To 521	1
										s. 12
Producing Thru: CasingP				Pooko	Sin		ngle-Bradenhead-G.		G. or G.O. Dual	
ate	or complet.	10n:		Facker			Reservo	rr remi.		
						ED DATA			***	
e st e	d Through	(Hokei)	(Choke) (185056)				Type Tar	os	
	(Prayata)	Flow (Choke)	Data Pres	s. Diff.	Temp.	Tubing Press.	Data Temp.	Casing I	ata Temp.	Duration
0.	(Line) Size	(DELTEE)	3)	g h _w			°F.		1 1	of Flow
ī	9 Days					1261		1262		
-	2*	.750	35	3		662		1097		3 Rours
:										
:-									1	
0.	Coefficient (24-Hour) √h		h _w p _f	Pressure psia	Flow Temp. Factor Ft		Gravity Factor Fg	Compress. Factor F _{pv}		Rate of Flow Q-MCFPD @ 15.025 psia
:-	12,3650			562	1,000		9258	1,073		6903
•										
s Li	.quid Hydro y of Liqui	d Hydroca			ESSURE C		Speci	fic Grav		rator Gas_ ing Fluid_ i3,676
s Li	y of Liqui	d Hydroca	rbons		cf/bbl.deg.	(cQ) ²	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid
s Li	y of Liqui	d Hydroca	rbons(1-e ^{-s})	cf/bbl.deg.	(cQ) ²	Speci Speci P _c _1	fic Grav	ity Flow Pc 1.6	ing Fluid
s Li	y of Liqui	d Hydroca	rbons(1-e ^{-s})	cf/bbl.deg.	(cQ) ²	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid
s Li	y of Liqui	d Hydroca	rbons(1-e ^{-s})	cf/bbl.deg.	(cQ) ²	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid
s Liavit	Pw Pt (psia) Lute Potent	d Hydroca	F _C Q	(F _c Q) ²	cf/bbl.deg. (F (1) MCFPD: CORPORAT	cQ) ² -e ^{-s})	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid
s Li avit	Pw Pt (psia) Lute Potent ANY ESS T and TITLE	d Hydroca	F _C Q	(F _c Q) ²	cf/bbl.deg. (F (1) MCFPD: CORNEAL	rcQ) ² -e-s) 1	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid
DOS Li	Pw Pt (psia) Lute Potent ANY ESS T and TITLE	d Hydroca	F _C Q	(F _c Q) ²	cf/bbl.deg. (F (1) MCFPD: CORNEAL	cQ) ² -e ^{-s})	Speci Speci P _c _1	fic Gravi	ity Flow PC 1.6	ing Fluid

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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
- P_{f} Meter pressure, psia.
- $h_{\mbox{\scriptsize W}}\mbox{\scriptsize I}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- FpvI Supercompressability factor.
- n I 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 .