rų.	r.mř	U-IZZ
Revised	12	-1-55

MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS
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Pool	Langlie)	attix	F	ormation_	7 Riv	ers, Queen	.	_County_	Lan	8 MA	23
Initi	al	Langlie Mattix Formation 7 Rivers, Queen 1 X Annual Special					Date of Test 4-16-63				
Compa	ny Amereda	Petrole	m Corpor	etica I	ease	da Wimber	Leg	We]	1 No	14	
Unit	 _s	ec. 25	Twp	Rge		7 Purch	aser	None		·· · · · ·	
Casin	g 2-7/8" W	t. 6.5#	I.D. 2.4	41" Set	at 54	97¹ Per	f. NA	LI	To 32	١7١	
Tubin	.gW	t	_I.D	Set	at	Per	f.		То		
Gas P	gW ay: From_	3069 To	32471	_L 31	aı,	G 0.65		2068	Bar.Pre	ss	13.2
	cing Thru:										
Date	of Complet	ion: 3	15-63	Packer	. Non	Sing	;le-Brade _Reservo	nhead-G. ir Temp.	G. or G	.O. Du	ual
	•					ED DATA	_				
Tosta	d Through	(Prover)		*******				Type Tap	os		
16506	d Inrough					Muhima	Data	Casing I			
	(Prover)	Choke)	Data Press	Diff	Temp.	Press.	Temp.	Press.	Temp.	Ι	Ouration
No.	(Line)	(Orifice	:)	1 (of Flow
	Size	Size	psig	h _w	°F.		·F.	psig	J.	ļ	Hr.
SI				 	- 68	367			 		72
1. 2.	2 2	.750		 	68	359				├	5
3 .	2	.873		 	- 83	329			İ		3
4.	2	.875			64	337					3 X
No.	Coefficient (24-Hour) $\sqrt{h_w p_f}$ 5.5233			Pressure Flow To Fact psia Ft		ctor Ft	mp. Gravity r Factor Fg		ess. or	Q-MCMPD @ 15.025 psia	
2.	12.2923			48.2	. 77	<u> </u>	N				7.2
	16,7816			42,2 57,2	.99	52				91/	E, 8
	16.7816			25.2	. 99	CALCU ATI	ONG				5.2
lac Ii	iauid Hydro	oca <i>r</i> hon Ra	etio :	Pr. Dry	cf/bbl			ific Grav	ity Sepa	arator	Gas 0.65
Gas Liquid Hydrocarbon Ratio		deg.		Specific Graves P. 200.2		vity Flowing Fluid Dry					
c	7,000		(-	* C				
No.	P _w	$P_{\mathbf{t}}^2$	F_cQ	$(F_cQ)^2$	{	F _c Q) ² 1-e ^{-s})	P _w 2	$P_c^2 - P_w^2$]	al.	P _w P _c
1.	372.2	138.5	1.67	2.219		373	138.9	3.7 12.0	3/4	•7	95.8
2 . 3•	32.2	117.1	3.972	10.42 15.78	2	10	119.2	25.4	345		90.8
4.	342.2	95.0	5,300	77.64	3.	46	96.9	45.7	114	.5	42.7
5.	330.2	109.0	2.365	5.993		744	199.7	34.9		.7	87.1
Absol	lute Potent		1.030		MCFPD	; n <u> </u>	.570 5	47			
COMP	ANY A	eds Petre	Louis Cory	peration							
ADDRI	ESS Tand TITL	706, Band	delian	he Berr	E P	a latural	Gas Co.				
WITN	ESSED										
COMP	ANY				DI	MARKS					

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 T Actual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 600 F.
- P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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
- Pf 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 $P_{\mathbf{W}}$ 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 $P_{\mathbf{t}}$.