15.000 EVENUE 900 Form C-122

## MULTI-POINT BACK PRESSURE TESTS FOR GAS WELLS Revised 12-1-55

Pool	Eumont		Formation Seven Rivers - Queen						County Lea			
Init	ial	Ar	nnual	<del> </del>	Spec:	ial	<del></del>	_Date of '	rest <u>6</u>	-26-56		
Comp	any Amerad	a Petrole	um Corp	oration	Lease	E.S. Adl	dn <b>s</b>	Well	l No	_3		
Unit	. <u>M</u> S	ec <u>5</u>	Twp20	<b>6</b> Rg	e. 37E	Purch	aser Per	mian Basi	n Pipe L	ine Company		
Casi	ng 7m W	t. 23.0#	_I.D. <u>6.</u>	<b>366*</b> Se	t at <u>36</u>	<b>90</b> Per	°f•	·	Го			
Tobal	ing 9-5/8" W	t. <u>36.0#</u>	_I.D. <u>8.</u>	. <b>921"</b> Se	t at <u>24</u>	90! Per	'f•		ro			
										13.2		
Prod	lucing Thru:	Casing	<u> </u>	Tu	bing	Sino	Type We	ll Brade	nhead /	O. Dual		
Date	of Complet	ion: <b>5_</b>	-54	Packe	r <u>511</u>	1	_Reservo	ir Temp	92			
					OBSERV	ED DATA						
Test	ed Through	(Provon	Ghoke	(Meter)				Type Tap	s			
	F		v Data				Data	Casing D	ata			
No.	(Prover) (Line)	(Choke) (Orifice Size	Pres	s. Diff.					1 1	Duration of Flow Hr.		
07		<del></del>		g h <sub>w</sub>	F.	psig	F 4		r •	<del></del>		
SI l.		2.75 <sup>#</sup>		3 6.6	75			980.8 919.5	<del>  </del>	71-3/4		
2.		2.75		7 13.4	71			886.3		23-3/4		
3.	<u>Vu</u>	2.75*	475.	9 26.0	67			834.2		24		
4. 5.	411	2.75H	482.	0 45.8	66			792.0		24.		
No.	Coeffici	Pressure	FLOW CALC		Gravity Factor	Factor Factor		Rate of Flow Q-MCFPD @ 15.025 psia				
1.		V	5.69	472.5	72.5 0.98		0.9463	1.052		4018-59		
2.	73.11 73.11		0.80	475.9	0.98			1,053		5830,59		
3。	73.11		2.84	489.1	· · · · · · · · · · · · · · · · · · ·				2	11,2,53		
5.	73.11 1/		1.39	500.2	0.991	0.9943		1.052		11645.90		
ravi	Liquid Hydro ity of Liqui 1.340	d Hydroca		y Gas	cf/bbl.deg.		Speci Speci		ty_Flow:	rator Gas_0.670 ing Fluid		
No.	P <sub>w</sub> Pt (psia)	Pt <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>		(cQ) <sup>2</sup> -e <sup>-s</sup> )	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Ca: P,	w Pc		
1.	932.7	869.9	5.39	27.44	1 1	42	872.3	115.7	803:3	<b>80.9</b>		
3.	899.5 844.4	809.1 713.0	10.91	60.99	12	59	725.8	表表表	851.4			
4. 5.	805.2	648.3	15,60	243.36		28	674.6	313.4	820-0	82.4		
	olute Potent	ial:	26100		MCFPD;	n n_	86			The state of the s		
COMPANY America Petrolem Corporation												
ADDRESS Dreament D. Marine Marine												
	NT and TITLE NESSED	<u>'W.</u>	J. (1	LOVO T								
	N. Married W. Co., or other Printers of the Local Printers of the	and a D	nda Di-	- Id 0-								
	<del>-</del>	<del>urman be</del>	sozu vip	e Line Oo	REN	MARKS		· · · - <del>-</del>		<b>A</b>		

## 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 (Pw). MCF/da. @ 15.025 psia and 60° 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.
- $h_{\mbox{W}}$  Differential meter pressure, inches water.
- $F_g$ I Gravity correction factor.
- $F_{t}$  Flowing temperature correction factor.
- $F_{DV}$  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  $P_{\mathbf{t}}$ .