Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	metel Lasin	Formation	n	kota		_County_	San Jr	
Initial		Special				Test	11-29-40	
Company Teme	. Matiemal		Lease	State		Wel	1 No	2-2-39-13
Unit <u> </u>	c. 2 Twp.	you Re	ge. 15	Purc	naser			
Casing Wt. I.D.		•Se	Set atPer		rf. 442	2	To W	726
TubingWt	•Se	Set atPerf			To			
Gas Pay: From_	To	L	x	G			Bar.Pr	ess
Producing Thru:	Casing	T1	ıbing	1	Type We	11 Sing	lo - G	
Date of Completi	on:	Packe	er	Sing	gle-Brade Reservo	ir Temp.	01	
			OBSERV	ED DATA				
Tested Through	(Figure Ch	oke) (Hetel	ž			Type Tar	s	
	a	Tuhing Data			Casing Data		<u> </u>	
(Prover) (Line)	(Choke) P	ress. Diff.	Temp.		l .		1	Duration of Flow
Size	Size	psig h _w	°F.	psig	°F.	psig	[⊃] F•	Hr.
SI L.				1835		2042		
3.	3/4"	24.6	63	144		575		3 140%
							-	
· · ·			ET OW CAT	CIT ATTON	S		·. 	<u> </u>
Coefficie	Pressure	FLOW CALCULATIONS essure Flow Temp. Gravit		Gravity	y Compress. Rate of Flow r Factor Q-MCFPD			
No. (24-Hour	$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$	hwpf psia		t	Fg	F_{pv}		@ 15.025 psia
2.		236	5.979		0.745	2.6), comp
3.								
0.								
		PI	RESSURE C	ALCUTATI	ONS			
as Liquid Hydroc			_cf/bbl.		Speci	fic Gravi	ity Sep	arator Gas
ravity of Liquid	Hydrocarbon	s e ^{-s})	deg.		Pc—	1554	Pc	wing Fluid
Aeann	ed gas gravi	ty 0.67					-	
P _w	$P_{\mathbf{t}}^2 = \mathbf{F_c} \mathbf{Q}$	(F _c Q) ²	² (F	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	С	al. Pw P. Pc
Pt (psia)			(1	-e ^{-s})	47).)	2763-1	-	P _w P _C
2.								
3.								
Absolute Pouenti	al: 3357		MCFPD;	n 9.75		<u> </u>	ــــــــــــــــــــــــــــــــــــــ	
COMPANY	Ch	Potratons	75.					
AGENT and TITLE		m, Campulti			15000	2.1.	Mug	an
WITNESSEDCOMPANY				ADVA			_/_	
			REM	ARKS		FOFIL	10	
						off.FIV	1111	

OIL CON. COM. DIST. 3

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.