MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pop	Wildca	معادر بجري مستعد	17.44 and 24.44 and 5		_Fo	rmation	Pic	tured C	liffs	_County_	Sand	oval	
Ini	tial *		Annu	al		germany (Mary part of the second	Spec	ial		_Date of	Test	7-24	-56
Com	pany_Canwe	11 Sil	ver	- حالات م		I	Lease_Jic	arilla '	Tribal Co	ontmact Wel	1 No	_S-J	L
Uni	t NW/4 s	ec	20 Tw	p3	23N	Rge	No 3W	Purc	ract No.	none			
Cas	ing 4 1/2" W	t. 9	.5# I	.D. <u>4</u>	1.09	90 Set	: at2	987' Pe	2928 rf. 2934		To	918 904	(40 holes) (40 holes)
Tub	ing 2 3/8" W	t. 3.	71# I	.D.	2.0	67 Set	at 291	9.5 Pe	rf. ope				
Gas	Pay: From	928	To_2	884		L 290)6 x	g	55GL18	88.90	Bar.Pr	ess	11.1
Prod	ducing Thru:	Ca	sing_			Tub	oi.ng	<u> </u>	Туре We	ll_singl	e - ga	<u>. </u>	
Date	e of Compilet	ion:_	6-22	-56		Packer	none	Sin	gle-Brade Reservo	enhead-G. oir Temp.	1000	G.O.	Dual
							OBSERV	ED DATA		_			
Test	ted Through	(***	vo r) (Chok	e) :	(MACCENT)				Type Tap)S		
		I	Flow D	ata		-		Tubing	Data	Casing I)ata	<u> </u>	
No.	(Prover) (Line)	, .	oke) fice)	Pre	ss.	Diff.	Temp.	Press.	Temp.	Press.	Temp.		Duration of Flow
	Size		ize	ps	ig	h _w	°F.	psig	o _F ,	psig	°F∙	<u> </u>	Hr.
SI 1.		3/4	<u> </u>	91.	0			767 91	800	767 215	800	13	hrs.
1. 2. 3. 4. 5.													
4.				1									
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	Coeffici	ent			Pre		LOW CALO		S Gravity	Compre	ss.	Rate	e of Flow
No.	(24-Hou	m)	- /h			psia	Fact	tor	Factor	Facto	3		MCFPD 5.025 psia
1.	14. 1605		√ h _w p _f			2.1	.9813		F _g	F _{pv}			363
1. 2. 3. 4. 5.													
4.													
2• 1			<u> </u>				State and the state of the stat		ova				
							ESSURE CA						
	Liquid Hydro Lty of Liqui		rocarb	ons			cf/bol.deg.			.fic Gravi .fic Gravi			
				1-e	5)		PROPERTY OF THE SECOND VAN		Pc. 77	8.1	Pc 60	54, 4	0
	T d					·							
No.	P _w	Pŧ	F	_c Q		$(F_cQ)^2$	(F	Q) ² -e ^{-s})	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	C	al.	Pw Pc
1. 2.	Pt (psia)				+	74	(1.	-e*-s)	511, 19	5543.21		Pw	. 2712
2 . 3.	31				-	·							
4.											+	寸	
5. Abso	olute Potent	ial.	1.46	6		·	MCFPD;	n 25	<u> </u>	L			
COMP	PANY		Caswe	11 Si	lve	r			NT 3.1				
	T and TITLE					uniding,		erque,	New Mex	aco			
WI:IN	VESSEDPANY	1				perator							
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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 f Actual rate of flow at end of flow period at W. H. working pressure (P_w) . MCF/da. @ 15.025 psia and 60° F.
- Pct 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pwt 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.
- Fgt Gravity correction factor.
- Ft! Flowing temperature correction factor.
- Fpt Supercompressability factor.
- n | 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 $P_{\rm t}$.

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