MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Po	ool	Bas	12			Formatio	n	ikota		County		ian Juan	
Ir	nitial	XX		Ann	ual	Special				Date of	Test_	10-1 6-64	
												33	
Ur	nit		Sec	32 T	wp	277 R	ge. g y	Pur	chaser_	El Pass	o Mark ov	ral Gas Company	
Ca	sing h	اا	/t <u>1</u>	0.5	I.D	s	et at_6	932 F	erf.	6686	То	6910	
Tubing 2.3/8 Wt. 4.7 I.D. Set at 6605 Perf. Now cut plug To Gas Pay: From 66866 To 6612 L 6605 xG 650 GL Bar. Press. 12-025													
Pr	Producing Thru: Casing Tubing Type Well Single-Ges Date of Completion: 10-0-6k Packer Packer												
Da	Date of Completion: 10-9-6k Packer Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.												
	OBSERVED DATA												
Tested Through (Proven) (QL-1-1) (v. 1)													
										Type Taps Plance			
(Prover)			Flow Data (Choke) Pr		Press	ess Diff To-		Tubing Data		Casing Data			
No.	· (Lin	e)	(Ori	fice)	l	1	,	ĺ	Temp.	Press.	ĺ	of Flow	
SI	Siz	e	S	ize	psig	h _w	°F.	psig		psig	°F.	Hr.	
1.	2*		7	1/4	575	 	77	2015 575		2015	 		
2.	2**			1	520		79	520	 	1210 1105	77	1 hour	
3.	2"		3	<u> </u>	467		84	467		1120	79 81	2 hours	
<u>4.</u> 5.	 											3 1441	
	Coef	ficie	ent	 	Pr	essure	FLOW CAL	CULATION Temp.		10.			
No.							Temp. Gravity tor Factor		1		Rate of Flow		
		(24-Hour)		√ h _w p _f		psia I			F _g	Fpv		Q-MCFPD © 15.025 psia	
1.	12.365					479	.977	7	.96 9 6	1.042			
2.								9,7089		ACCEPTANT		5797.43	
3.													
4. 5.													
				·							I		
						PRE	SSURE CA	LCUIATI	ons				
as I	Liquid Hy	droc	arbon	Ratio			cf/bbl.		Specia	Pia Communia			
ravity of Liquid Hydrocarbons											Ly Sepa	rator Gas	
c				(1	-e ⁻⁸)				Po	027	P2	108.720	
									·		C 	100, 124	
]	$P_{\mathbf{w}}$		2										
No.	D. (_ \	$P_{\mathbf{t}}^2$	Fc	3	$(F_cQ)^2$	(F _C	Q) ²	P., 2	$P_c^2 - P_w^2$	Ca	1. P.	
-	Pt (psi	a)					(1-	e⁻s)	-	C .		$\frac{P_W}{P_C}$	
1. 2. 3.									1.065.02			T.	
3.													
4. 5.											 		
5•											 		
Abso	lute Pote	entia	ıl:	7,26	0		MCFPD; 1	n			<u></u>		
COMP.	ANY					CORP.	_MOFID, I						
ADDRESS													
AGENT and TITLE Clen C. Rhodes, Field Foremen VITNESSED Jak Bunning													
COMP						_					100	EVIN	
COMPANY dbec Petroleum Corp. REMARKS										/ KI	ULIVLU		
	CANAMAN												
										001291964			
											VOIL	CON. COM	
											1	DIST. 3	
											A: 20-3-2-	· magazakar	

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 \equiv Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 60° F.
- P_CI 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- 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
- Pr Meter pressure, psia.
- hw Differential méter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fnv 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} .