Revised 12-1-55

MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS
MOTITE OTHE	DAGE	LIMOSOTIM	11001	LOIL	UAD	

Pool	Beein	Dahot	<u> </u>	Fc	rmation		akota		_County_		San Juan	
Initi	al <u> </u>		Annua	al		Spec	ial		_Date of	Test	6-19-64	
Compa	ny pan an	TO TOA	PETE	LEUE (2007.	Lease	ederal (See Unit	ip ii We:	ll No	1	
Unit	S	ec	7 Twi	·	Rg	e 1	20 Purc	haser				
Casin	gW	t	<u> </u>	D. <u>4.</u>	52 Se	t at	012 _Pe	rf 5830	-37/5075	To 5	000/3006-99	
Tubin	g <u>1-1/8</u> W	t _	. 7 _I.	D. <u>1.1</u>	75 Se	t at	963 Pe	erf	3826	_To	5632	
Gas P	ay: From_	3430	_To	5009	_L 50	65 x	G		4106	_Bar.Pr	ess. 12	
Produ	cing Thru:	Cas	sing		*	Type We	11	Singl	• Prol			
Sin Date of Completion: 6-10-64 Packer Beas									oir Temp.	G. OF	3.0. Dual	
						OBSERV	ED DATA					
Te s te	d Through	(Par	(Choke)	(Next sum)	B			Type Ta	ps	Plange	
		F	low Da	ata			Tubing	Data	Casing	Data	I	
No.	(Line)	(Cho		Press.	Diff.	*		Temp.	Press.	!	Duration of Flow	
	Size			psig	h _w	°F•		°F.	psig	°F.	Hr.	
SI l.	9 days	.7	<u> </u>	578			2024 378	W est	2038 1162	60° 90	6. 3 Hr.	
2 .												
4.								 				
5.				<u></u>	<u> </u>			_L	L	<u></u>	<u> </u>	
	Coefficie	ent		Pr		FLOW CAL		Gravity	Compr		Rate of Flow	
No.	1		<u> </u>	!		ctor Factor F _g				Q-MCFPD @ 15.025 psia		
1.		2,3650		- ;		1.000		.9258			7274	
2. 3.												
4.												
					PR	ESSURE C	ALCUI AT	IONS				
ae Li	avid Hydro	ca rhor	n Ratio	,					fic Grav	ity Sepa	arator Gas	
as Liquid Hydrocarbon Ratiocf/bbl. ravity of Liquid Hydrocarbonsdeg.								Specific Gravity Flowing Fluid				
c			(L-e ⁻⁸ _			•	P _c	2030	⁻ -C	3,202,300	
	$P_{\mathbf{w}}$, _		·2		- \2		_2 _2	T .	, ,	
No.	Pt (psia)	Pt	F	3Q	$(F_cQ)^2$	(F)	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	P _w P _c	
1. 2.								Farreir				
3 . L												
4. 5.												
Ábsol	ute Potent	ial:_		, 805		MCFPD;	n	.75				
COMPA Addre		E 44				Poration erico				COLI		
AGENT and TITLE 7. L. Robers, District Englacer WITNESSED 87: Autotau								CHELY !!				
COMPA			ZUC!	alaw	V						A - 204	
						REM	ARKS		- (JUN 2	in comi	
									1	OIL C	ON COM	
											· Calculation of the control of the	

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_w) . MCF/da. @ 15.025 psia and 60° F.
- P_c = 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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} .