NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Po	ol	BALL	ARD		F	ormatio	n P.C.			County_	RIO AS	Maiba , N. M.	<u></u>	
										Date of				
												2		
										374				
Tubing Wt. I.D.							Set atPer							
Gas Pay: From 2374 To 2407 L 2374 xG .65 -GL 1543 Bar. Press.														
Producing Thru: Casing X Tubing Type Well														
							Single-Bradenhead-G. G. or G.O. Dual er Reservoir Temp							
	OBSERVED DATA													
Tes	sted Th	rough	Aite	(Choke)	Heter	Type Taps							
Flow Data (Prover) (Choke) Press. Diff. Temp.								Tubing Data Casing Data						
No.	(L:	ine)	(Ori	fice)			†		•		_	Durati of Fl	i i	
SI	1	Size S		ize	psig	h _w	°F.	psig	°F.		°F.	Hr.		
1.	3		3/4	l	313		60			702) hrs.		
2 .	 -													
4.														
5.	!													
							FLOW CAL							
No.	Coefficient Pres				essure	ssure Flow Temp. Grav			ity Compress. Rate of Flow tor Factor Q-MCFPD					
				√ h _w p _f psia			F ₁		Fg	Fpv		@ 15.025 psia		
1. 2.	12.365		65			5	1,000		.9600 1.			3,985		
3.														
3. 4. 5.														
20.1		 -						<u></u>						
						PR	essure ca	LCUIATIO	ns					
as]	Liquid	Hydrod	arbon	Ratio			cf/bbl.		Spec:	ific Gravit	ty Sepa	rator Gas		
rav:	ity of	Liquio	l Hydr	ocarbo	ns -e ^{-s})	2.20/	deg.		Specific Gravity Flowing Fluid					
C	_36736				-e <u>/</u> _	U ₀ IUD			P _c	71k	Pc 5 0	9.79		
	$P_{\mathbf{W}}$	 					- 	1					1	
No.	.,	ادونو	$P_{\mathbf{t}}^2$	Fc	3	$(F_cQ)^2$	(F _c	$Q)^2$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	Ca	Pw Pc		
1.	Pt (p		105.65	22.	15	190.5	5 1. 9	e-5)	57.60	352.19	P.	w Pc		
1. 2. 3.										226042	 			
4. 5.									,	 	<u> </u>			
5.														
	olute P	otenti			4 1-70		MCFPD;	n 0.8	5	·				
ADDR	ESS				109 EA	ENGR CO		PARHIME	CW. M.M.					
	IT and IESSED	TITLE_			T MENT	COMEN				JE F	A			
	PANY					CON & AL	saus.			- ML	ACC.	<u> </u>		
							REMA	RKS		JUN27	1961	Ì		
								VOIL JON CO.						
										DIST.	з /			

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 I 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
- P_{t-} Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- $h_{\boldsymbol{w}^{\perp}}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fnv 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 $P_{\mathbf{t}}$.

- P

 ${\tt tpo} {\it nsew} {\tt qs}$

2 Pc