Form C-122

			MUL	ri-point b	ACK PRES	SURE TEST	T FOR GA	s wells) 	Revised	12-1-55	
Pool	Pool Eumont Formation Queen							County Lea				
Init	tialX	<i>.</i>	Annual		Spec	ial		Date of	Test	9/6 - 1	3/57	
Comp	panyC	ontinent	al 011 C	ompany	Lease	Mayor B-	9	We	ll No	2		
											
Casing 5 1/2/vt. 17 I.D. Set at 3673 Perf. 3385 To 3570										35 7 0		
Tubing 2 Wt. 4.7 I.D.												
	Pay: From_										3.2	
									_			
Producing Thru: Casing X Tubing Type Well G. O. Dual Single-Bradenhead-G. G. or G.O. Dual Date of Completion: 11-4-55 Packer 3582 Reservoir Temp. 900												
Dage	of complete	,1011,		t acre			neserv	ori temb.		 -		
.	1 000	/ m **********		(he /)		ED DATA						
Test	ed Through			Ox (Meter)				Type Ta	ps <u>F</u>	lange		
	7.417.73	Flo	w Data			Tubing	Data	Casing				
No.	(Prover) (Line)	(Choke	P) Pres	ss. Diff.		1					ration f Flow	
_	Size	Size		.g h _w	° _F .	psig	°F.	psig	°F.		Hr.	
SI								958		72		
<u>l.</u>	4	1.25						390		24		
2.	4	1.25						764		24		
3.	4	1.25		7				695		2/		
4. 5.	4	T 0 K /	54.5	32.23	78			617		24		
No.	(24-Hou	Coefficient (24-Hour) $\sqrt{}$		Pressure psia	Flow Fac F	tor t	Gravity Factor Fg	Compress. Factor F _{pv}		Rate of Flow Q-MCFPD @ 15.025 psia		
1.[9.643		59.48		.972		.9498	1.0	51			
1. 2.	9.643	i .	108.15		. 981		1!			1,021		
3。[7.643		125.54		. 784		āi .	1.0		1,187		
3 c 4 · 5 ·	9.643		44.09		,783	I	n n	1.0	53	1,366		
PRESSURE CALCULATIONS Gas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas Gravity of Liquid Hydrocarbons deg. Specific Gravity Flowing Fluid Fc												
No.	Pt (psia)	P _t ²	F _c Q	(F _c Q) ²	(+	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$			Pw Pc	
1.	903.2 777.2	504.0		3.42		•15 •15	316,0 504.,5	127.2 338.7	903. 777.		•93 •0	
2. 3.	708.2	501.5		4.62		• **	502.2	441.0	70E.		.80 .73	
4.	521,.2	389.6		6.15		•83	390,5	552.7	624		6/s	
5. Abso COMP	ESS	Eox 1	127, Mobi	oli Compan os, New He	xico	n of	59 117					
AGENT and TITLE W. D. Howard, Gas Tester												
WITN COMF	NESSEDPANY_											
	CCC EMM I	ILJ RLA E	ete byb k	ADH	REM	ARKS						

Attach.

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 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
- P_t 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.
- Pnv 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_{+} .