NEW MEXICO OIL CONSERVATION COM.ISSION

HODBS OFFICE OCC MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Form C-122
Revised 12-1-55

Pool	Bana	at	 -	Formati	on <u>1958 0</u> @	Sees P	M 2:22	County_		Loa
InitialAnnual										
Comp	any Ri P	ago liatur	al Gas	Сепралу	_Lease	Shell S	teto	We	ll No	9
										Cas Company
										ess. 13.2
						x	Type W	ell	Single	
								enhead-G. oir Temp.		
						ED DATA		-		- ,
Teste	ed Through	1 (-D	<u> </u>	∞) (Meter		DD DHIK		Фтто Фо-		
Tested Through (Proper) (Chairman) Flow Data								Type Taps Name		
	(Trick)	(0)	Pre	ss. Diff	· Temp.			Casing I		Duration
lo.	(Line) Size		ce) ps	ig h _w	o _F .	psig	o _F .	psig	o _F .	of Flow Hr.
I						876	 -	Pore	· ·	72
	48	1.500			75	774				24
	41	1.500	1		7	_01_	 -			24
		1.500		1	46	836	 -		 	24
5.		00500		-344		0,74	 		 	
0.	(24-Hour)			psia	Fact F ₁	tor	Factor Fg	Compress. Factor Fpv		Q-MCFPD @ 15.025 psia
•	13.99	7	28,59 68,58						2	3,141
	13.99		24.91		9831		9427		-	2,300
•	13.99		96.36		9941		0/27	1.09		1,706
s Lic	quid Hydro	ocarbon R	atio	PF	ef/bbl.		Speci			rator Gas
	avity of Liquid Hydrocarbons (1-e ⁻⁵)			3.50	deg.			fic Gravit	y Flowing FluidP2	
							- C	49,2	-· c	790,7
0 • F	t (psia)	Pt ²	F _c Q	(F _c Q) ²	(F _C	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Ca.	
	787.2	610.7	11.21	24-1	146.		765.8 758.3	34.9	261	-943
	149.2	721.1	16.95	267.3	43.		764.1	26.6	63	963
	863.2	745.1	13.66	186.6	27.	9	773.0	17.7	166	.909
solu MPAN	te Potent	ial:	A1,000		_MCFPD;	n	94		·	
DRES	S	F. O. Bo		Sale New	Marian					
	and TITLE	<u> </u>	May	Wit-		B. T.	irisht -	Fetroleum	Engine	
TNES MPAN		Mord H		/						
TEAN	±	AL PROD	Mintal.	Gas Comp	DEMA	DKC :				
	•-	.a		9	Will re	toward	-free	anto in	e wher	- soly
	2000 1	ed test						,		, see

Second test Not enough draw down Average slope drawn through points.

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 = 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.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I 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 $P_{\rm t}$.