NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

									GAS WELLS		Revised 12-1-5
Pool	Pool Berin Beliefe For					_ Dalage	14		County	San Ju	
Init				Annual			_Special_			f Test	brumber 20, 196
Comp	any han	orless	Potro	Loren Co	orporati	ase_	Calle	des centre	Unit W	ell No.	110
								Purchaser_			
									594k,		
Tubi	ng 2-3/8	_Wt	.7/ I	.D1	995 Se	t at	762	Perf		_To	
Gas	Pay: From	n 5964	To	1062	L		xG_•7	C(EST)_GL		_Bar.Pr	ress12
Prod	ucing Thru	1: Ca	asing_		Tu	bing	I	Туре	Well Gas-	dingle	
Date	of Comple	etion:	Hoveab	er 15,	1911cke	r		Single-Bra Reser	adenhead-G.	G. or	G.O. Dual
						OBSERV					
Test	ed Through	(Tre	HET) (Choke)	(Meter)				Туре Та	ps -	-
		Flow Da	w Data			Tub	ing Data	Casing	7		
No.	(Prever) (Line)	(Ori	fico)	ł	1 1	Temp.		ss. Temp.	Press.		Duration of Flow
SI	Size	S	ize	psig	h _w	°F.		ig ^o F.	psig	°F∙	Hr.
Ĭ. 2.	7 days 28	1 3	/4*	323	-	4	317	60m J	34 AH	 	3 hours
		 									
5.											
					F	LOW CAL	CULAT	IONS			
۱o.			ent		essure	Flow Fac	Temp.	Gravit Facto			Rate of Flow
-	(24-Hour)		√ h _w p		psia	Ft		Fg	Fpv	İ	Q-MCFPD @ 15.025 psia
.]	7774				35	1,000		0.7254	1.068		6741
•											
<u>•</u>											
					PRE	SSURE CA	lcui.a	TIONS			
avity	quid Hydro y of Liqui	carbon d H yd r	Ratio carbo	ns	<u> </u>	cf/bbl. deg.		Spec	ific Gravi	ty Sepa	rator Gas_
			(1	-e ^{-s})				P _c	21.29	P _C 10	532, LL
Ī	w					1		ì			
o•	t (psia)	P_{t}^{2}	Fc	2	$(F_cQ)^2$	(F _C	Q) ² e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	
	, (P-2-7)					1 (1-	e =)	1,437,600	3,095,04	P.	w Pc
bsolu	te Potent	ial:		700		MCFPD;	n Q	75		1	
DDRES	S	15 TAIN		No.					, , , ,		
LTNES				y stay	STELLOT .	restati		Linear KI	Mane	PATA	
OMPAN	Υ					REMA	RKS		/R	LEIY	7
						CANIMICAN			DEC 1 1961		
										CON.	cot //
										OIST, 2	9 /

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 600 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
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} 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_{+} .