Form C-122
1531 331 331 Revised 12-1-55

Pe	Pool UNDESIGNATED					Formation DAKOTA				Countre	RAN	TTTA NT		
Ir	nitial_	X		Ann	ual	Special_				Pate of Test 12-22-60				
Co	ompany					m, and,		rederal				#1_9E		
Ur	nit	M	Sec	25 T		30 N	13W			Collar	⊥i No.'		 	
0	4	1/2	1	1:8	vp ° −4,	.000 R	ge	Pu	rchaser 6202		62	30		
	rsTug	2 /0	Wt		[.D. <u>4.</u>	South South	et at_	498	Perf. 6276 6324		To 63	17		
Tu	bing 4	3/8	Wt	1.7	.D	1.9 S	et at 6 2	230	Perf. Pin	Collar	To			
Ga	s Pay:	From	6202	To_	6332	L	·	xG			Bar.Pr	ess.	12.0	
Pr	oducing	g Thru	: C	asing_		Tı	ubing	X	Туре W	Well Stenhead-G.	lingle (Gas		
Da	te of (Complet	tion:	12-	13-60	Packe	r Nor	S: Se	ingle-Brad Reserv	enhead-G. oir Temp.	G. or	G.O. I	Dual	
	OBSERVED DATA													
Tested Through (Parent) (Ghalas) (M.)														
				Flow D						Type Taps				
No.	(Prover)		(Choke)		Press. Dif		Temp.		ng Data Temp.	Casing D		1	Duration	
	(Line) Size			(Orifice) Size		g h _w	o _F .	psig	o _F				of Flow	
SI 1. 2. 3.	ļ.,	2"		2/2				2064		2064	 	 	Hr.	
2.	 	***		3/4"				352	580	828	58°	3	HR.	
3.												 		
<u>4.</u> 5.	 													
<u> </u>	·		L		ļ <u>.</u>			L		<u> </u>				
	Co	effici	ent.	1	T E	regume	FLOW CAL	CULATIO	NS					
No.					rressure flo			Temp. Gravity ctor Factor		Compress. Factor		Rate of Flow		
	(24-Hour		r)	√ h _w p	f	psia	Ft		Fg	Fny	Fpv		Q-MCFPD @ 15.025 psia	
1. 2. 3. 4. 5.	12.365		5			364				P				
3.				<u></u>		364	1.0019		.9608	1.01	1.016		2	
4.														
2.1				<u> </u>										
						PRE	ESSURE CA	ALCUIAT	IONS					
Gas 1	Liauid	Hvdro	ra rhoi	n Ratio			- e / L L I							
Grav:	ity of	Liquid	l Hydi	rocarbo	ns_	deg. Sn				ecific Gravity Separator Gasecific Gravity Flowing Fluid				
Fc(1-e ^{-s}) Specific Gravity Flowing FluidP _c _2076 P _c 2078 P _c 209.8													.u.ra	
	_													
No.	$P_{\mathbf{w}}$		D-	Pt Fc		(= -\ ²		.2		2 0				
110.	Pt (p	sia)	Pt	Fc	4	$(F_cQ)^2$	(F	Q) ² -e-s)	P _w 2	$P_c^2 - P_w^2$	Ca		Pw Pc	
1.1							(1-				P.	w	Pc	
3.									705.6	3604.2		.4	04	
1. 2. 3. 4.														
				401	2 0									
Absolute Potential: 4913.2 MCFPD; n 0.75														
ADDR	ESS	1645	Court	Place	Den	yer 2. C	olomdo							
ADDRESS 1645 Court Place, Denver 2, Colorado AGENT and TITLE Colorado, Petrol. Engineer WITNESSED Partelly														
COMP		Con	्रव्यव	Explor	ition,	inc.	·····							
							REMA	RKS			LULI	LUL'	 	
										JA	W11	1961		
										• *	ON.	COM.	<i>[</i>	
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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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c 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
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{W}}\mbox{\footnote{\square}}$ Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} 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} .