NEW MEXICO OIL SONSERVATION COMMISSION

MAIN OFFICE OCC

1957 OCT 4 PM 2:54

Form C-122

	ot 9 am Execut								Lea		
										13-57	
					A	nasan di 6 (20 n 1 1	~				
										Company	
	<u> </u>										
sin	g 5-1/2" Wt	. 15.5#	I.D4	.976 Set	at 39	70 Per	f. 360	04'	To 380		
oin	g 2-3/8" Wt	. 4.7#	_I.D, <u>1</u>	•9 95 Set	at 38	14 Per	·f		Го		
s P	ay: From <u>3</u>	6041 T	o_38001	L 381 _	<u>4</u> x	G 0.685		2613	Bar.Pres	s. 13.2	
du	cing Thru:	Casin	g	Tub	oing	X Sing	_Type We le-Brade	ll Sin	gle G. or G.	O. Dual	
е	of Completi	lon: <u>L</u>	2-14-20				Reservo	Tr. Temb.			
					OBSERV	ED DATA			_		
ste	d Through	(Prop)	DOCTORNO)	(Meter)				Type Tap	sP	ipe	
		Flo	w Data			Tubing		Casing D	ata	Duratio	
	(Line)	1	\ 1	1 1		1			1	of Flo	
	Size	Size	psig	h _w	°F.	psig	°F.	psig	°F∙	Hr.	
						945.5				72 Hr. SIP	
L	4*		474.		52	889.0				24 Hr. 24 Hr.	
┞	74	1.75			<u> 57</u>	804.5			+	24 Hr.	
╁╌	AN AN	1.75		0 10.1 8 18.3	60 66	719.8 597.0			1	21. Hr	
2 -	1.72%					CULATION				7-46 F7 av	
	Coefficient (24-Hour)		1	ressure	Factor		Gravity Factor	Compre		Rate of Flow Q-MCFPD	
1			hwpf	psia			Fg	$\mathbf{F}_{\mathbf{pv}}$		@ 15.025 psi	
╁			226	488.1	1.00		0.9359	1.05		737	
╁	21.69		5.487	490.9	1,00		0.9359	1.05		1209	
t	21.69		341	487.2	1.000		0.9359	1.04	9	1509	
F	21.69		404	487.0	0.99	3	0.9359	1.04	7	1995	
<u>.</u>	inid Indo	oo shop	Patio			CALCUIATI		ific Grav	itv Sepa	rator Gas 0.	
ri t	iquid Hydrocarbon Ratioty of Liquid Hydrocarbons				deg	•	Spec	Specific Gravity Flowing Fluid			
		(1-e ^{-s}) P _c 958.7						958.7	P _C 919.1		
				,							
-	$P_{\mathbf{W}}$	$P_{\mathbf{t}}^2$	F _c Q	$(F_cQ)^2$	(F_{cQ}^{Q}	P_w^2	$P_c^2 - P_w^2$	Ca	$\frac{P_{\mathbf{W}}}{P_{\mathbf{C}}}$	
+	Pt (psia)	814.0	7.323	53.63		· L	822.8	96.3	907.	1 0.946	
†	817.7	668.6	12.013	144.31	23.	811	692.4	226.7	832.	1 0.868	
I	733.0	537.3	14.993	224.79		090	574.4	344.7	757.		
+	610.2	372.3	19.822	392.91	64.	830	437.1	482.0	661.	1 0.690	
so.	lute Potent	ial:	3050		MCFPD	; n_ 0.6	53				
. ~	ANY	Amereda	Pet. Cor	P.							
MP.	ESS	DESMOS	G. Maß-	e Jr	Distric	t Engine	or O	MeB	u 00	7.	
DB.	יייויוייוי ואראר חוף	<u></u>	A STATE OF				191	~ · · · · ·	1		
DR EN	T and TITLE	J.	.i). Hortai	L.							
DR EN	T and TITLE ESSEDANY	J.	.i). Hortai	in Pipe	ine Co.	MARKS					

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- PwI 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.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- F_{g} Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.