										Form C-
Pool	unice		MULT	I-POINT : Formation	BACK PRE Seve	SSURE TE	ST FOR GA	S WELLS 1 PH 9: County	48	Revised 12-1-
Initial		An	nual		Spe	cial	У.	Date of	Test 1	1-24-56
Company	Sunray	Mid-Con	tinent	011 Co	Lease	Reeve	S	Wel	1 No.	2
Unit _	D	Sec	203 . gwT	S	37E	Par	chaser	None		
Casing_		/t. //	I.D.		et at .	1/ / I Pe	erf.	_	To	
										ess
Date of	Complet.	Casing				Sir	ngle-Brade	enhead-G.	G.90°	.O. Dual
	3 3.M. 2 3 3			aao.se			neservo	oir Temp.		
losted i	D) 1-	(Prover)	XXXXX	XXXXXX		VED DATA				
estea .	nrougn			(Meter)	_			Type Tap	s	
	Prouse r	(Choke)	Data	Dica		Tubing		Casing D	+	
lo. ((Line)	(Orifice))	Diff.		Press.	1	Press.	Temp.	Duration of Flow
I	Size	Size	psig 987	h _w	°F.	psig 987	°F.	psig	[⊃] F•	Hr.
1	2H	1/4"	793	+	5e	869	58	988 891	ļ <u></u>	72 SI
• 1		3/8 1/2	629	 	68	704	66	778		2 a 2
. 1		3/4	463 848		65	550	63	810	 	2
			250		60	342	60	840	†	2
<u>. l</u>				<u> </u>		<u> </u>	<u> </u>			
	oefficie					CULATION			· · ·	
o.	OSTITUTE	anc	P	ressure		Temp.	Gravity	Compre		Rate of Flow
i i	(24-Hour	r) \sqrt{r}	wpr	psia		t	Factor F _o	Facto	1	Q-MCFPD @ 15.025 psia
1.4	1050	· · · ·		93	-1.001		•9498 -	F _{pv}	· ·	1182.331
3.0	821		1	29	.994		•9498	1.07	ž.	1956.188
ممدا	255		1 -	65	.997		•9498	1.05		2562.337
12.2	020		2	48	-1.000	0	.9498	1.03	8 -	2983.478
) [
Liqui	d Hydroc f Liquid	arbon Rat Hydrocar	Dry bons (1-e-s)	gas	cf/bbl.	·ALCU ATI	Speci	fic Gravit	ty Sepa ty Flow PC	rator Gas•66! ing Fluid
5 Liqui	d Hydroc f Liquid	arbon Rat Hydrocar	io	gas	cf/bbl.		Speci	fic Gravit	ty Sepa ty Flow PC	rator Gas•661 ing Fluid
E Liqui		2	Dry io Dry bons (1-e-s)	gas	cf/bbldeg.	-	Speci	fic Gravit	PC Ca	ing Fluid
E Liqui	(psia)	P _t ²	(1-e ^{-s})	gas	cf/bbldeg.		Speci Speci F _c P _w 2	fic Gravit	PC Ca	ing Fluid
E Liqui	(psia)	P _t ²	(1-e ^{-s})	gas	cf/bbldeg.	-	Speci Speci Fc- Pw ²	fic Gravit P _C -P _W ²	ty Flow	ing Fluid
E Liqui	(psia)	Pt 628.8 395.6	(1-e ^{-s})	gas	cf/bbldeg.	-	Speci Speci Fc- Pw ² 976.1 976.1	P ₀ ² -P _w ² 347.3 580/5	PC Ca	ing Fluid
Pw Pt 626	(psia)	P _t ²	(1-e ^{-s})	gas	cf/bbldeg.	-	Speci Speci F _c	P _c -P _w 347.3 580/5 761.7	PC Ca	ing Fluid
s Liquiavity o	(psia)	Pt ² 628.8 395.6 214.4 61.5	(1-e ⁻⁵)	gas	cf/bbldeg.	-	Speci Speci Fc- Pw ² 976.1 976.1	P ₀ ² -P _w ² 347.3 580/5	PC Ca	ing Fluid
s Liquiavity o	(psia)	Pt 628.8 395.6 214.4 61.5	F _c Q	(F _c Q) ²	cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci F _c	P _c -P _w 347.3 580/5 761.7	PC Ca	ing Fluid
Pw Pt 626 46. 246 DESOLUTE	(psia)	Pt 628.8 395.6 214.4 61.5 al: 328	F _c Q	gas (F _c Q) ²	cf/bbl.deg.	-	Speci Speci F _c	P _c -P _w 347.3 580/5 761.7	PC Ca	ing Fluid
s Liquiavity o	(psia) Potenti Su	Pt 628.8 395.6 214.4 61.5 al: 328 nray Mid	F _c Q Conti	gas (F _c Q) ² nent 01	cf/bbl.deg. (F (1 MCFPD;	(cQ) ² -e-s)	Speci Speci F _c	P _c -P _w 347.3 580/5 761.7	PC Ca	rator Gas•668 ing Fluid 1. Pw Pc
Pw Pt 79: 46: 246: 246: 246: 246: 246: 246: 246:	(psia) Potenti Su	Pt 628.8 395.6 214.4 61.5 al: 328 nray Mid bbs. New Charl	F _c Q Conti	gas (F _c Q) ² nent 01	cf/bbl.deg. (F (1 MCFPD;	(cQ) ² -e-s)	Speci Speci F _c	P _c -P _w 347.3 580/5 761.7	PC Ca	ing Fluid

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.
- PcI 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- \dot{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 .