SAS ENGINEER FO

Form C-122

DOO ECHANO MARI

HOBBS OFFICE OCC

	Militar many			MULT	I-POINT B	MOK PRE	ব্রাজন লক্ষ	orroc ST FOR JAS	: अक्षात्व		Revised	12-1-55
Pool			3:1	17	Formation	81	4) Addio	8 PM	2:21 County_	1		
							ialDate of					
Comp	any Ma	clair (A EEO	Gas Co	-	Lease	1, J, 1	wher	We	ll No	7	*
Unit		Sec		wp	20 8 Rg	e. 3	Purc	haser	3.Page Net	arel G	ne Câmpanç	7
Casi	ng 7	Wt	24	I.D	Se	t at 🌋	08' Pe	rf.	CA18	To		
Tubi	ng 2-1/1	# t	6.70	I.D	Se_Se	t at 🅦	Pe	rf 3	R251	To	36001	
Gas 1	Pay: From	225	To_	2600	L	15° 3	G] GL	1729	Bar.Pr	ess	3.2
Produ	ucing Thru	: Ca	sing_		Tu	bi.ng	x ^t	Type We	:11	Magle	.	
Date	ucing Thru	tion:_		1.90	Packe	r 	Sin	gle-Brade Reservo	enhead-G. oir Temp.	G. or	G.O. Dual	
							ED DATA					
Teste	ed Through	(Pro	ver)	(Choke)	(Meter)				Type Tar	os		<u></u>
	<u> </u>		Flow I				Tubing		Casing I		T	
No.	(Line)	(Ori	fice)		Diff.	_		Temp.	Press.		of	ation Flow
SI	Size	S	ize	psig	h _w	°F.	psig	°F.	psig	F.	H	
1. 2.			,500	370	15.3	75	7/3	75				
2. 3.			,500 ,500	级		65	735	75		 	34	
4.	<u>7</u>		40	605	1 83	76	711	75		 		
<u>5. l</u>												
	000'		 		**************************************		CULATION					
No.	Coefficient				ressure	Fac	Temp.	Gravity Factor	Compre		Rate of Flow Q-MCFPD	
	(24-Hour)		$\sqrt{h_{w}p_{f}}$		psia	F	t	Fg	F_{pv}		@ 15.025 psia	
1. 2.	13.99		23.145		234	- 27		-333				-
3.	17.5		177,2625		FL	一選				75		
3. 4.	13.99)		,500	679.3			.,55	1.5			7
	iquid Hydro y of Liqu		rocart		PRI	cf/bbldeg.		Speci		ty Flor	arator Ga: wing Fluid	
No.	$P_{\mathbf{w}}$	Pf	2 F	r _c Q	$(F_cQ)^2$	(F	(cQ) ²	P _w 2	$P_c^2 - P_w^2$	Ca	al. P,	
	Pt (psia)	96		7.678	25.6	(1	-e ^{-s})	977.A	21.61		P. P	c L
1. 2.	en.e	94	3		19.7			11.0	2.4			F)
3. 4. 5.	- 924.2	90			16.6		6.99	900.99	99.43			
Absolute Potential:						MCFPD;	n	,687		SA	lignme	fix yend a
	SS TITLE SSED	Jest. 1			des Com		A/A	Harn	1		riginal	
Curi.	E. & 2 001	New Case	Nucle	e 063.	Spannery Miles	Acres Com	risoles.		-			

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 \equiv 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
- P_w Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t 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.
- FgI Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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 $P_{\mathbf{t}}$.