Oct 2 3 52 PH 261

Form C-122

			,)	ULTI	-POINT I	BACK PRE	SSURE TE	·	S WELLS		Revised 12-1-	
Po	ol – undosi	(Sac gnated	ughji	u k F	ormation San Andres				County			
In	Initial Annual Annual				Special				Date of Test			
Company H. C. HOOD												
IIn:	it.	Sec	Ф.т.		D.		HUMBLE	STATE		TT NO.		
~	it	- ¹	6—-Iwp	-9 \$		³⁵²	Pur	chaser 478	7 Rond	1.7	RR	
	-			•—	30A D	ர் கபது	ツ ス 「	eri. 479	1	TO 1.79	92	
Tub	oing_2,375_	_Wt	7I.D	-1.4	9 5 _Se	t at 47	70 P	erf	3 	_To	14 	
Gas	s Pay: From	m_1.787	To Let	ı.	L,	790	XG ana	-GI. a	000	Ban Da	005	
Pro	oducing Thr	u: Ca	sing		Tu	bing	Y	Type W	ell	_		
Dat	e of Comple	etion:			Packe	»	Si	ngle-Brad	enhead-G.	G. or	G.O. Dual	
			9-11-6	•	racke	- non	-	neserv	oir Temp.			
							VED DATA					
Tes	ted Through	h (Prov	ver) (Ch	***	+ (Yotor)				Type Taps			
Flow Data (Prover) (Choke) Press				1	Tubi			ng Data Casing Data				
No.	(Prover) (Line)) (Cho (Orif	oke) Pr	ress.	Diff.	Temp.		Temp.	Press.		1	
, —	Size			sig	h _w	°F•	psig	°F.	psig	⊃ _F .	of Flow Hr.	
SI l.	2 x 1,000	100/	,				729 521					
2.	d4++a	17/6		26 30.5		_44 _51	521 465	+		 		
<u>3. </u>	ditto	21/4		5.5		56	404				1	
4. 5.	ditto	23/6	4	8		_61	351	 	 _	 	i	
			· · · · · · · · · · · · · · · · · · ·		1	PT OU CAT	CIT A TO	10			<u> </u>	
	Coefficient Pre				FLOW CALCULATIONS essure Flow Temp. Gravity Compress. Rate of Flow							
No.	(24-Hour) 7/		hupe	/hwpf psi		Fact		tor Factor		r	Q-MCFPD	
1.	22,0662		A M. T	39.2		1.0157		Fg			@ 15.025 psia	
1. 2. 3. 4.	ditto_			43.7		1.0088		8554	neglig		751.5 832.1	
·•	<u>ditto</u> ditto			48.7		1.0039		ditto	ditto		922.5	
					1.2	-0.9990		-ditto	ditte		965.5	
ıs I 'avi	iquid Hydro ty of Liqu	ocarbon id Hydro	Ratio ocarbons (1-e			cf/bbl. deg.	alcu ati	Speci Speci	fic Gravit fic Gravit	LV Flow	rator Gas ing Fluid	
lo.	Pt (psia)	$P_{\mathbf{t}}^2$	F _c Q		(F _c Q) ²	(F ₀	_{cQ)} ² -e ^{-s})	P _w 2	P _c ² -P _w ²	Ca:	1. Pw Pc	
	534.2 178.2	285.4	9.269		5.75 8.35	13.		298.5	252.5	546.3		
•	417.2	174.1	9.169		4.07	16.	-	193.9	306.7 357.1	494.7	-i	
•	364.2	132.6	9.593					154.3	396.7 392.8			
OMP. DDR.	lute Porent ANY ESS T and TITLE	Hood		, Tes		MCFPD;	n_616	6706				
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UMP	WIN I				·	REMA	RKS					
	Stat	tic well	lhead wo	rkine	pressu	re calcu	ulated- 1	not measu	red			

HbS content- 650grs/100 c.f.

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 60° 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
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$ 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 $P_{\mathbf{t}}$.

