MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Pictured Cliffs				Formation Fictured Cliffs					County Sen Just			
Initial Annual Special Date of Test 1-18-59										99		
Com	pany len ke	eriem	Petrolou	Cor	P	Lease	Jidne C	go Unit "/	 * We]	Ll No	_2_	
Uni	t <u>.</u>	_Sec _	Twp	<u> 308</u>	Rg	e. <u>%</u>	Pur	chaser 1	Pago Nat	ural O	is Car	Specify.
Casing1/2 Wt. 9.5 I.D. 4.690 Set at 2495 Perf. 2405 To 2436												
Tubing 1-1/4 Wt. 2.3 I.D. 1.300 Set at 2415 Perf. 2404 To 2415												
Gas Pay: From 2405 To 2436 L 2405 xG 0.65 (est)GL 1563 Bar. Press. 12												
Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual												
Single-Bradenhead-G. G. or G.O. Dual Date of Completion: Packer Packer Reservoir Temp. Packer Pac												
	-						ED DATA					
Tes	ted Throug	h (D	(Cho	ke)	(*****)				Type Tap	os		·
	75		Flow Date		71.00			g Data	Casing I		T	D
No.	•	- Hamir	Administration	ł				Temp.		1	1	of Flow
SI	Size			sig	h _w	° _F .	psig	° _F ,	psig	F.	-	Hr.
	2"	1	5	0		600 (est.)	912	(00 (ast)	0.0	(P)(a)	41_	3 hours
3.		_						-	· · · · · · · · · · · · · · · · · · ·		#	
4. 5.											<u> </u>	
			·			FLOW CAL						
No.		Coefficient		Pressure			Flow Temp. Grav Factor Fac				Rate of Flow Q-MCFPD	
<u> </u>	(24-Hour)		√ h _w p _f			Ft		Fg	Fpv		@ 15.025 psia	
1. 2.	12.365				22	1.000		0,9608	1.0	11		6555
3e 4.												
5.			L	ــــــــــــــــــــــــــــــــــــــ		······································	L					
					PRI	ESSURE CA	ALCUIAT:	IONS				
	Liquid Hyd: ity of Liq		rocarbons			cf/bbl. deg.		Speci	fic Gravi fic Gravi	ty Flo	wing	Fluid_
c	-		(1-e	-8 <u>}</u>				P _c _	49	Pc	7,3	4
	P _w									7		
No.	W Pt (psia	Pt	F _c Q		$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$		al. P _w	P _W P _C
1. 2.			_			<u> </u>		06,926	560,446	 	- W	
3.]												
4. 5.												
Absolute Potential: MCFPD; n 0.45												
ADDRESS Day AST Foreington, New Montes												
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COMI	PANY					REMA	ARKS		/5	WY	ETT	+
									181	rnri	1959	1.0
	RILLI, 1959 SEP 24 1959											

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 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{nv} 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 $P_{\mathbf{t}}$.

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