Revised 12-1-55

MULTI-POINT	BACK	PRESSURE	TEST	FOR.	GAS	WELLS
11022 1 0 1111	2011	114400014	****	1 010		71

Poo]	South Blaz	neo-Plet	ured Cli	Formation	Pietar	ed Clif	te	County_	Rio Ar	ribe	
Init	ialX	A	nnuai		Speci	al		Date of	Test	2-2-	59
Comp	any Pan Amer	dom Pe	trolom	Corporation	mase Jic	arilla (Contract	148 We]	Ll No	11	
Unit	, <u>H</u> Se	ec. 13	_Twp2	SN Rg	e % /	Purc	haser_ R	seifie Nor	throat	Pipel	Line Co.
	ng 4-1/2"W						<u></u>				
	ng 2-3/3" Wi		•								
	Pay: From_										12 vei
									-		
n-t-	ucing Thru:	Casin	8 <u> </u>	1u	onng	Sin	Type we gle-Brade	enhead-G.	G. or	G.O.	Dual
Date	of Completi	ton:	-23-59	Packer			Reservo	oir Temp.	107	<u> </u>	
					OBSERVE	DATA C					
Test	ed Through	THEFE	(Choke) (MARKARI				Type Tap	s		
	(State Control		w Data	s. Diff.	Temp.	Tubing	Data Temp.	Casing I	ata Temp.	 	Duration
No.	(Line)	(SECTION)			o _F .		o _F .	psig	•		of Flow
SI	Size Size	in 10	psi	g h _w		950	174	950	F.		Hr.
1.	2*	3/4*	322		60°est.	460	60° est	322	50°(e)	£)_	3 hrs.
3.										ļ	
4. 5.											
				F	LOW CALC						
No.	Coefficie	1		Pressure		- 1	•	Compre Facto			of Flow
	(24Hour	·) $$	h _w p _f	psia	$F_{\mathbf{t}}$		$^{\mathtt{F}}_{\mathtt{g}}$	F_{pv}		@ 15.	.025 psia
1. 2. 3.	رانروعد			334	1,000		0,9463	1,03	7		053
3. 4.											
4. 5.											
				PRE	ESSURE CA	LCUIATIO	ONS				
	iquid Hydroc ty of Liquid				cf/bbl. deg.			lfic Gravi Ific Gravi			
			(1-e ^{-s}	Σ	aeg•		Pc	962	P _C 9	5,44	<u> </u>
			. 	 		·	· 		_,		
No.	P _w	Pt.	F_c^Q	$(F_cQ)^2$	(F _C	2) ² e-s)	P _w 2	$P_c^2 - P_w^2$		1.	Pw Pc
1.	Pt (psi.a)			ļ	(1-		2,784	702,660	F	W	Pc
1. 2. 3.											
4. 5.									 	ij	
	Lute Powenti	———↓ al:	5123		MCFPD;	n 0.	85	L	1		
COMPA ADDRI	ANYPAN	AMERIC	IN PUTRO	LEUM CORPO	RATION						
AGEN'	and TITLE			Jr. Pis		R	MBa	ner Ja			
COMP	ESSED ANY									<u>در</u>	1 6 V
					REMAI	DVC					7 90

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 (P_W) . MCF/da. @ 15.025 psia and 600 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
- 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.
- 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 $P_{\mathbf{t}}$.

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