MULTI-POINT BACK PRESSURE TEST FOR GAS	3 METITS
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Pool	Basin		F	ormation	Dake	ta		_County_	San Ju	<u>an</u>
Init	ial 🔣	A	nnual		Spec	ial		_Date of	Test_1	-3-61
Comp	any Fedfe	m & Herd	Inc.		Lease St	tandard		Wel	1 No	1
Unit	J s	Sec4_	_Twp2	Rg_Rg	e 12 1	Purc	haser			
Casi	ng 4 W	it. 9.5	I.D	Se	t at	500 Pe:	rf6	356	То	6510
Tubi	ng 1 W	t. 2.4	I.D	Se	t at 647	79 Pe:	rf. 6	476	То	479
Gas 1	Pay: From	5356 T	o 6510	L	x	G 0.680			Bar.Pre	ess.
	ucing Thru:					Sin	gie-Brade	enhead-G.	G. or	G.O. Dual
Dave	or compred	1011	(A) 1 - (A)	racke		ED DATA	neserve	ti temb.		
Test	ed Through	(Present	(Choke)			ED DATA		Type Tap	os	
	\ 		w Data			Tubing		Casing D		Pounting
No.	(Prover) (Line) Size	(Choke (Orific Size	e)		Temp.	Press. psig	Temp.	Press. psig		Duration of Flow Hr.
SI 1.						1672		2041	ļ	
2. 3.	2"	0.750	214	†	64			1182		3 hours
4. 5.		0.,,0						7,5		
<u> </u>	Coeffici					CULATION		·		Rate of Flow
No.	(24-Hou		h _w p _f	psia		tor		Factor Fpv		
1. 2. 3. 4. 5.	12.3650			226	.996	2	.9393	1.02	5	2680
<u>5• 1</u>				PR.	ESSURE C	ALCU ATI	ONS			
ravit	iquid Hydro Ly of Liqui	d Hydroca	arbons_		cf/bbl. deg.		Speci			erator Gasving Fluid
No.	P _w	P _t ²	F _c Q	(F _c Q) ²	(F (1	cQ) ² -e ^{-s})	P _w 2	P _c -P _w ²	i i	P _W P _C
2.	4404						1426	9740		1.5113
3. 4.	1194						1449	2789	+	1 10,711,7
5. Absol	Lute Potent	ial:	3653 rd Inc.		MCFPD;	nn	1.3	630		
ADDRI AGENT	ESS TAILE Tand TITLE ESSED	1747	Midla	1007 E.		Farming	rton, Nov	Maries	2.4	hleyan
					REM	ARKS OF	FIVEN			



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.
- P_cI 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
- 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.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

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