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MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Formation

Tubb

Revised 12-1-55

Poo.	Tubb 6	40		F	ormation		Tubb		County_	los	
Ini	tialXX		Annua	1		Spec	ial	<u>.</u>	Date of	Test_	eb. 23-27-,19
om	oanyCO	IDEN PE	TROLEUM	CORP	ORATION	Lease	Edith Be	itler	We	ll No	2
nit	E	Sec1	8 Twp	22-8	Rg	e. 38-E	Purc	haser Pe	rmian Bas	in Pipe	line Company
	ng 7"										
	ing 2-3/8"										
					- -						ess. 13.2
roc	lucing Thru	: Cas	sing	XX	Tul	bing		Type We	ell G-0	Dual	
ate	e of Comple	tion: 🗷	eb. 15,	1959	Packer	r Baker k	lodel "D"	gle-Brade Reserve	enhead-G. oir Temp.	G. or (G.O. Dual Calculated
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set	ed Through	(Prov	ron) (~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ODODAN			Фтто Фот		Mone
									Type Tap		
~Т	(Prover)	(Cho	low Dat	Press.	Diff	Temp.	Tubing Press.	Data Temp.	Casing I	Temp.	Duration
٥.	(Line) Size	(Orif	ice)]		j.	of Flow
	Dize	31	.ze	psig	W ¹¹ W	Г•	psig	Γ.	1742.0	69.25	Hr.
\Box	2"	0.3	12	908.5		71			921.7	7	20
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1											
).			√ h _w p _f	Pr	essure	Flow	CULATION Temp. tor	Gravity	Compre Facto Fpv	ess.	Rate of Flow Q-MCFPD @ 15.025 psia
+	2,1577				21.7	0.9896		0.9258	1.1		2022
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vi	iquid Hydroty of Liqui	id Hydr	ocarbor		.607 .6	cf/bbl. deg.	ALCU ATI	Speci Speci	fic Gravi fic Gravi	ty Flow	rator Gas_70 ving Fluid_0_70 3.080
	P _w Pt (psia)	Pt2	FcQ		$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P_{w}^{2}	$P_c^2 - P_w^2$	Ca	Pw Pc
‡	934.9	874.0	1.4	96	2.238	0.57	07	874.6	2206	935.	W
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so	lute Potent				e Company	MCFPD;	n	0.791			
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MP.	ANY	Cos	ien Jet	relew	Corper	etion	RKS	, , , , , , , , , , , , , , , , , , , ,			

See Page (1) for Five point prover test

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 Tactual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 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
- 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 $P_{\rm t}$.