MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

evised	12-1-55

Pod	l Tulcher	Kutz Ext	Fo	rmation	Pictur	ed Cliff		_County_	SandJu	NA .
Initial Annual			mi an needhar magaana	Spec	ial					
Company Wellshire Development Co.			•	Lease	Stevens					
Uni	t P	Sec. 7 T	wp	Rg	e. 12 W	Purc	haser			
Cas	ing 52"	Wt. 15.5	I.D.	Se	t at 1569	9 Pe	rf. 1540)	To_ 1	564
Tub	ing 1°	Wt ,1.70	I.D.	Se	t at 1554	A Pe	rf. 1554)	To 154	
Gas	Pay: From	1540 To	1564	_L	x (.620			Bar.Pre	ess.
Pro	ducing Thru	: Casing_		Tu	bing I		Type We	ll Singl	o gas	
Dat	ducing Thru e of Comple	tion: <u>9-26-5</u>	9	Packe	r None	Sin	gle-Brade Reservo	enhead-G. oir Temp.	G. or (G.O. Dual
						ED DATA .				
Tes	ted Through	(Freve r)	(Choke)	(#.255*)				Type Tap	s	
	(Prover)	Flow (Choke)		Diff.	Memp.	Tubing Press.		Casing D		Duration
Nc.		(Orifice) Size		h _w	o _F .	psig (_	psig	}	of Flow Hr.
SI l.						512		512	<u> </u>	
2. 3.				_					 	
<u>3.</u>		3/4*	21		700			432		3 hrs
4. 5.	The state of the s		+						ļ	
No.	\		ssure	FLOW CALCULATI ssure Flow Temp. Factor sia Ft		Gravity	ctor Factor Q-MCFPI		Rate of Flow Q-MCFPD @ 15.025 psia	
2. 3.	12.3650		33	3 0.9905		.9837	37 1.000 397		397	
4.										
PRESSURE CALCULATIONS Gas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas Specific Gravity Flowing Fluid Pc 524 Pc 274.6										
No.	P _w Pt (psia)	Pt F	' _c Q	$(F_cQ)^2$	(Fc (1-	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Ca P	, x ,
1. 2. 3. 4.	444	197.1						77.5		3.55
4.									+	3.73
COMP ADDF AGEN	RESS 43 VT and TITLE VESSED	lahire Deve Petroleum	Club Bla	g., Der	MCFPD; wer 2, C estin, Fa	olorado	2.936 , N.M.		Muy	gan
					REMA	RKS	RE	CEVER	5	

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 (Pw). MCF/da. @ 15.025 psia and 60° F.
- PcI 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
- P_f Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft 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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3000 - 20d Object	
Transporter File	