Dool Mades		MULT	I-F	BACK PRE	ESSURE 1	EST FOR (AS WELLS		Revised 12-
root	ignated	I	Forma.c.o	n D	akota		County	Şa	n Juan
Initial	KAr	nual		Spe	ecial		Date of	Test	9/26/60
Company Sout	thwest Prod	uction C	ompany	_Lease_	Wright	t State	——— We	No.	#1
Unit A	_Sec 16	Twp _ 271	N R	ge. 12W	Pu	rchaser	El Paso Na	tural G	as Company
Casing 52	Wt.15.5	I.D.4.99	>0 So	et at 601	80	Perf	5900	m- (5004
Tubing 2 3/8	Wt. 4.70	I.D.1.9)5 Se	 et. at. 59 *	76	Penf		- ¹⁰	
Gas Pay: From	n 5900 To	6004	_{I.} 597	'6	vc 0.67	-cr.	4003.9	_To	12.0
Producing Thru	1: Casing			ıhi na	Y			_Bar.Pr	ess
Producing Three Date of Comple	etion:		Pagks	103.11g	S	Type ingle-Bra	denhead-G.	G. or	G.O. Dual
•			racke			Reser	voir Temp.		
Tested Through	. 	(0) .)	Management :		VED DATA	L			
Tested Through			THEFT.				Type Ta	os	
(Prover)	Flow (Choke)	Press.	Diff.	Temp.	Tubin Press	g Data Temp.	Casing I		-
No. (Line) Size	(Orifice) Size	psig	[]	o _F .	1	1			of Flo
SI			W		2100	F 4	psig 2102	°F.	7-Day
2	3/4"	400		74	400	74	1195		3-Hr.
						1	 		
<u>. l</u>									
Coeffici			F	LOW CAL	CULATION	NS_			
0.				Flow Tact	Temp.	Gravity Factor			Rate of Flow Q-MCFPD
. 12.3650	ur) $\sqrt{h_w}$	r ^p f F	sia 412	F _t	t	$_{ t r_{ t g}}$	Fpv	10	🛮 15.025 psi
			712	17000		•9463	1.040		4,986
<u> </u>			i						
c •									
. 12.3650									
c •			PRE	SSURE CA	LCU'ATI	ONS			
s Liquid Hydro	carbon Rati	0		cf/bbl.	ALCU ATI	Speci	fic Gravit	y Separ	ator Gas
	d Hydrocarb	oons			ALCUIATI	Speci Speci	fic Gravit	y Flowi	ng Fluid
s Liquid Hydro	d Hydrocarb	ons		cf/bbl.	ALCUIATI	Speci Speci ^P c	fic Gravit	y Separ y Flowi Pc 446	ng Fluid
s Liquid Hydro	d Hydrocarb	ons 1-e ^{-s})		cf/bbl. deg.		Speci Speci Pc	2114 207	y Flowi P _C 446 2 145	ng Fluid
P _w Pt (psia)	d Hydrocarb	ons 1-e ^{-s})		cf/bbl. deg.	Q) ² e-s)	Speci Speci ^P c	fic Gravit	y Flowi Pc 446 2 145	ng Fluid
P _w Pt (psia)	d Hydrocarb	ons 1-e ^{-s})		cf/bbl. deg.	o) ²	Speci Speci Pc	2114 207	y Flowi P _C 446 2 145	ng Fluid
P _w Pt (psia)	d Hydrocarb	ons 1-e ^{-s})		cf/bbl. deg.	o) ²	Speci Speci Pc	P _c -P _w ²	y Flowi Pc 446 2 145	ng Fluid 8.9 6.8

SEP 28 1960 OIL CON. COM. DIST. 3

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° 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.
- 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 $P_{\mathbf{t}}$.

	بالوسيال يتال سي	سمر .
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