NM OCC - 3

Form C-122

L.(o Peppin - G.Truby - 1 le - 1							S WELLS		Revised 12-1-55
Pool	Wild	cat	,	Formation	Granero	s - Dakoi	ta	_County	Rio Ar	riba
Init	nitial X Annual				Special			Date of	Test	-23-57
Comp	any Northw	est Proc	luction Co	rp.	Lease	"Mi.		Wel	l No	4-6
Unit	, <u>H</u> S	Sec. 6	Twp 26N	Rg	ge .4 W	Purc	haser Paci	fic North	west Pi	peline
Casi	ng 53" W	17.00 /t. 15.56	I.D	Se	et at_8	375 _{Pe}	rf. 8090		8o	1364
Tubi	ng 2-3/8" W	it. 4.74		Se	et at8	303 Pe	rf		То	
Gas	Pay: From_	8090	ro8364	L 73	06 ,	.G650	_GL_47	49	Bar.Pre	ess. 12
Date	ucing Thru: of Complet	ion: 2 -	-7 -57	Packe	r Yes •	7306'	gle-Brade Reservo	enhead-G.	G. or	.O. Dual
						ED DATA				
Test	ed Through	[Ptote	(Choke	(Métét)	[/			Type Tap	s	
			w Data			Tubing	Data	Casing D	ata	
No	(Prover) (Line)			Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration
No.	(Line) Size	1 '	psig	h _{ar}	o _F .	psig	°F.	psig	[⊃] F•	of Flow Hr.
SI		 	1	,W		2094		1055	 	SI
1.	2	3/4	279)	630	279	630	1063		3 hr
2.										
3.		ا ۲								
4. 5.				+		<u> </u>			 	
No.	, , , , , , , , , , , , , , , , , , , ,		FLOW CALCUTESSURE Flow Temperature Flow Temperature Factor Factor Ft		Temp.	emp. Gravity or Factor		r	Rate of Flow Q-MCFPD @ 15.025 psia	
1.	14.1605			291	.9971		.9608	F _{pv}		4058
2.										
<u> </u>										
1. 2. 3. 4.										
ravit	iquid Hydro ty of Liqui 1.492				cf/bbl.		Speci Speci		ty Flow	rator Gas ring Fluid
	Pw								1	
No.	Pt (psia)	$P_{\mathbf{t}}^{2}$	F _c Q	$(F_cQ)^2$	(F	cQ) ² -e ^{-s})	P _w 2	$P_c^2-P_w^2$	Ca P	$\frac{P_{W}}{P_{C}}$
1.	291	85	38.153	1456		25	510	3925		1.130
1. 2. 3. 4.									1	
2.1									 	-
5.									1	
Absol COMPA ADDRI	ESS	Paci:	4448 fic North		line Cor	poration		960		
	r and TITLE	C. R	Wagner,							
	ESSED		Menman							
COMPA	211.1	Nort	west Pro	metion (REM	ARKS		RFIFI		

MAR 12 1957 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 I 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_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
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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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AZTEC DISTRICT OFFICE							
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Transporter		· · · · · · · · · · · · · · · · · · ·					
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PACIFIC NORTHWEST PIPELINE CORPORATION

DRILLING DEPARTMENT

				COMPA	NY Northwest	Production (Corporation
				LEASE	ייאיי	WELL NO	
				DATE	OF TEST 2-23-5	7	
					s.i. PERIOD_		DAYS
	_		(Bureau of Min	nes)		iampa mor	MI.
FLOW T	HROUGH DAK	ota - Tubing			WORKING PRES	SURES FROM_	WA
TIM HOURS	Æ MINUTES	PRESSURE	Q (MCFD) 15.025 PSIA	& 60°F	WELLHEAD WORK PRESSURE (PS)		TEMP
	34.5 41.5	373 363			1064 1064		61 61
1	50 0 12	347 338 324			1063 1063 1063		61 61 62
1	26.5 44	314 304			1063 1063		6 <u>2</u> 62
3	5 30 0	295 287 279			1063 1063 1063		63 63 63
START	TEST AT_	1:15 pm		END TE	EST AT 4:15	pm	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
REMARK	(S:I	ight fog of H	20 through out	test			
							· · · · · · · · · · · · · · · · · · ·
							
				TESTI	ED BYC.R. Wagne	er.	
				Witne	essed by J. M.	Newman	