NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE QCC-122

	ial)1	F'	ormation	1 Iates	- Seven	Kivers	County_	T-68	
	any Amerad										
											as Company
	ng 5.5H										
	ng 2.375"									_	
											ess. 13.2
'rod	ucing Thru	: Cas	sing		Tu	bing	X Sir	Type We	ell Single	G. or	G.O. Dual
ate	of Comple	tion:_5	-5-61		Packe	r_3125)	Reserve	oir Temp.	87º Ca	loulated
						OBSERV	ED DATA				
este	ed Through	(Prov	er) (Chol	<u>ce)</u>	(Meter)				Type Tap	s Pip	•
		F	low Data	·			Tubing	Data	Casing I		
٥.	(Prover) (Line)	(Cho	ke) Pre	ess.	Diff.	Temp.		Temp.		Temp.	
	Size		ice) ze ps	sig	h _w	$^{\mathrm{o}}\mathrm{_{F}}.$	psig	o _F .	psig	°F.	of Flo Hr.
I							440.0				
	AH AH	1.5		2. 8 3.6	50.0 35.3	70 69	227.0 271.3	74	4940		24
	A ^H	1.5		2.7	23.7	68	288.0	74			24
-	<u> </u>	1.5	9	7.4	14.0	69	290.5	74			24
	(24-Hour) 15.26 15.26 15.26		76.16 61.40 52.41 39.34		16.0 06.8 15.9	Factor F _t 0.9905 0.9915 0.9924 0.9915		Factor Fg 0.9463 0.9463 0.9463 0.9463	Facto F _{pv} 1.010 1.010 1.010	@]	Q-MCFPD @ 15.025 psid 1100 868 759 569
vit	quid Hydro y of Liqui .936	d Hydro	ocarbons(1-e-	N		cf/bbldeg.	ALCU ATI	Speci Speci P	fic Gravific	ty_Flow	arator Gas6
•	Pt (psia)	Pt 20			$(F_cQ)^2$	(1-	Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	F	Pw Pc
\pm	240.2 284.5	57.70 80.94	10.930 8.8232		19.46 77.85	16.		73.83 91.45	131.6	271. 302.	
-	301.2	90.72	7.5414		56.87	7.0	677	98.40	107.0	313.	7 .683 /
\pm	303.7	92.23	5.6536		31.96	40	315	96.55	108.8	310.	7 .678 6
MPAI DRE	ate Potent NY Amerac SS Drawer and TITLE	a Petro	oleum Cor	Ner	tion		n <u>0.7</u>		000		
TNE	SSED <u>R. L.</u> NY Morther	West.	E. E. Sh	irle	y ada Pet	roleum	Corporat				
						KHIMA	\RKŠ				MPLETION DATA

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.
- PcI 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwI 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.
- $F_g = Gravity$ 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 $P_{\mathbf{t}}$.