NEW MEXICO OIL CONSERVATION COMMISSION

				міп.тт.	-POINT B	ACK PRES	SSUPE TE	ST FOR GAS	s wears		Form C-122 Revised 12-1-55	
					Formation Brote							
					Special							
					Lease et						_	
											_	
											6 Georgeny	
	-	-	_				•			=	30	
											6506	
											888. <u>19.095</u>	
Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or									.O. Dual			
Date	of Complet	cion:_	7-8-6	Packer				Reservoir Temp. 178				
						OBSERV	ED DATA					
Test	ed Through	(Pro	CEDY (Choke)	(Yetes)				Туре Тар	s T	lange	
Flow Data								ng Data Casing Data				
No.	(Prover) (Line)	(Ori:	fice)		ı	_	Press.	1	Press.	Тетр.	Duration of Flow	
,	Size	S:	ize	psig	h _{w.}	o _F .	psig		psig	°F∙	Hr.	
SI 1.		0.75	50			_	1375	80	2002		1 2	
2.									735 575		9	
3. 4.		<u> </u>					175	<u> </u>	598		3	
FLOW CALCULATIONS Coefficient Pressure Flow Temp. Gravity Factor Factor										Compress. Rate of Flow Factor Q-MCFPD		
ļ	(24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		psia		t	Fg	F _{pv}		@ 15.025 psia	
1. 2.	12.365					187 0.981		0.9698	1.005		9235	
3.						·		·			·	
4. 5.										 +		
ravi	iquid Hydro	d Hydr	ocarbo			cf/bbldeg.	alcui at i	Speci Speci	fic Gravit fic Gravit 138 7	y Flow	rator Gas0.65 ing Fluid .923.769	
No.	P _w	Pt	Fc	Q	$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P _w 2	P _c ² -P _w ²	Ca P	1. Pw Pc	
1. 2. 3.	540							291,600	1,632,160			
3.						1						
4. 5.												
	Lute Potent:	ial:	2534			MCFPD;	n	0.75				
COMPA ADDRI	PCC TO	JUDGO			PORATION						EMIL S	
AGENT	and TITLE	108 Negt Charles Artes, New Mercies Statuted Engineer							/{	RELEIVED		
COMP	MV	Jest Duning Pubes Petrolem Corporation							1	1111 04 1064		
						REMA	ARKS		í	1	L 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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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
- Pfl Meter pressure, psia.

0 /100 J/c

- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.