NEW MEXICO OIL CONSERVATION COMMISSION OCC

							1957 FI	13 11 M	1 9:43	Ţ.	Form C-122 evised 12-1-55	
								T FOR GAS			evised I2-I-))	
Pool	Sumont			F(ormation	(uecn			_County	Lea		
	ial										13-56	
Comp	any e-Te	<u>x</u>		-	·	Lease	allace	tate	Well	No	2	
	Se											
	Casing_5 ¹ / ₂ Wt. 17# I.DSet at <u>3685</u> PerfTo											
Tubing .:one Wt. I.D., Set at Perf. To												
Gas	Pay: From_	3685	To	3331	3(<u>४</u> - <u>५</u>	g668		61.6 F	Bar.Pres	13.2	
Producing Thru: Casing x Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual Date of Completion: Packer Reservoir Temp											.0. Dual	
							ED DATA					
		1-			(a		DD DAIA		m	la	nge	
Test	ed Through	(Pro	<u>er) ((</u>	hokey	(Meter)	<u>.</u>			Type Taps	5		
	(Prover)		'low Da		Diff	Tomp		Data Temp.	Casing Da Press.	ata Temp.	Duration	
No.		(Orif	lice)								of Flow	
	Size	Sti	ze	psig	h _w	°F.	psig	°F.	psig 989	℃F•	Hr. 72 hr.	
SI					211	- 65		+	909 		24 hr.	
<u>1</u> .		2.0		510 520	13"	- 65 - 56		+		+	- 24 hr.	
2. 3.	<u>]</u> :n] ₁ n	2.0		515	<u>1714</u>	60		+	793		211 hr.	
4.),n	2.0		530	83"	63			753			
5.	4	2.00	<u>~</u>		+			+	·····			
<u></u> :		<u>L</u> ,		ł			<u> </u>					
						FLOW CAL						
	Coeffici	· · · · · · · · · · · · · · · · · · ·		P	ressure		Temp.	Gravity	Factor		Rate of Flow	
No.					(13.2)		tor	Factor			Q-MCFPD	
	(24-Hou		$(\mathbf{r}) \sqrt{h_{W}}$		psia	F	t	F_{g}	Fpv		@ 15.025 psia	
1.	1. 25.58		32.34		23.2	0.9052	2	0.0477	1.055		323.2	
2.	25.58	83.26			33.2	1.0039		1.9477	1.061		2150.0	
3.	25.58		52.43		28.2	1.0000		D•9477	1.059		3913.5	
4.	25.58		912.31		13.2	0. 971).9277	1.058		51129.8	
5.												
Gravi	Liquid Hydro ity of Liqui n Masu red	d Hyda	rocarb			RESSURE 0 _ cf/bbl. deg.		Speci	fic Gravi fic Gravi 1002 .2	tv Flow	rator Gas <u>•(68</u> ing Fluid OL•h	
No.	P _W	P	2 F	çQ	(F _c Q) ²	2 (F	$\left[c_{e^{-s}}^{c} \right]^{2}$	P _w 2	$P_c^2 - P_w^2$	Ca	l. P _w Pc	
┝┱╌┨	Pt (psia)	··					<u> </u>		95.8	+	<u>"</u> 5.1	
1. 2.	953 .2 97.2	··					+	05.0	197.4		.9.5	
3.	806.2							(50.0	354.4		30.4	
4.	766.2	·						5 7.1	417.3	-	76.5	
5.												
Absolute Potential: <u>18000</u> / 0,400 MCFPD; n 1.30 / 0 COMPANY Me Tex A moly Co												
ADDRESS By 20 TWILLE bo nm												
AGENT and TITLE Menter Presenter 1 200												
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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_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.

 h_W Differential meter pressure, inches water.

Fg= Gravity correction factor.

 F_t : Flowing temperature correction factor.

F_{pv} Supercompressability factor.

n [Slope of back pressure curve.

Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_t .