NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

								ST FOR GA			Revised 12-1-5
Po	ool Jalm	at		F	ormatio	n Ya	t e s		County_	L	ea
In	itial		Anni	12Î		Spe	cial	X	Date of	Test_4	-22/4-26 1957
	mpany R. C										
Un	it C	Sec.	30 Tv	/D_ 2	5 R	- <u>-</u> - 37	Pur	chaser E1	Paso Nati	iral Gas	Comany
Ca	sing 7"	w+. 20	.0# ⋾	_ D			2672 p			_	
Tu	2 1/2	7			1500	PerfTo					
Ca	- D B	9745	<u>-</u>	2027	Se	et at	1500 Perf. To To Bar. Press. 13.2				
Ga	s Pay: From	2143	To	2007	L		xG_0.680		1020	Bar.Pre	ess. 13,2
Pro	oducing Thru	: Ca	sing_		Tı	ibing	X	Type We	ell Sing	1e	. O. Pro-I
Producing Thru: Casing Tubing X Type Well Single = Bradenhead = G. G. or G.O. Dual											r.O. Dual
							ED DATA				
Tested Through XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX											
	Flow Data						Tubing Data Casing Data				
No.	*(Prover) (Line)		fice)	Press	Diff.	Temp.	Press	Temp.	Press.		•
_	Size	1 '	ize	psig	h _w	o _F .	psig	°F.	psig	o _F .	of Flow Hr.
SI 1.	4	1.25	Λ	132	12.04	75	281		281		72
2.	4	1,25		132	12.96	75 75	215	ļ	218 212		24
3.	4	1.25	0	114	41.60	76	197	 	203		24
4. 5.	4	1.25	0	113	53.29	73	189	1	196		
No. 1. 2. 3. 4.	Coefficient [18. (24-Hour) 9.643 9.643 9.643		√h _w p 43.39 60.41 72.69)f	essure psia	FLOW CAL Flow Fac Fac F. .9859 .9859	tor	Gravity Factor Fg .9393 .9393	Compre Facto F _{pv} 1.014 1.012	r	Rate of Flow Q-MCFPD 9 15.025 psia 392 548
4.	9.643	9.643		4		.9877		.9393	1.012		656 742
as I	Liquid Hydro ity of Liqui Measure	d Hydr	ocarbo	ns _e ^{-s})			ALCU ATI	Specif Specif	Tic Gravit	y Flowi	rator Gas 0.680 ing Fluid 5.6
No.	Pt (psia)	P _t ²	Fc	3	$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	XXXX	
2. 3.	220.2	48.5						53.5 50.7	33.1	<u>"</u>	
3.	210.2	44.2						46.7	35.9 39.9		
	202.2	40.9	+			1		43.8	42.8		
Abso COMP ADDR AGEN			280	Olsen 5 Libe	Oll Comp rty Bank ndolph,	any	n 1.000 ng, Oklai esident	nome City,	Oklahoma		
OMP						DEMA	DVO				

REMARKS

Second test on this well. Both tests had slope in excess of 1.000 A slope of 1.000 was drawn through the flow point corresponding to the highest rate of flow. Good pull down and alignment on three points.

INSTRUCTIONS

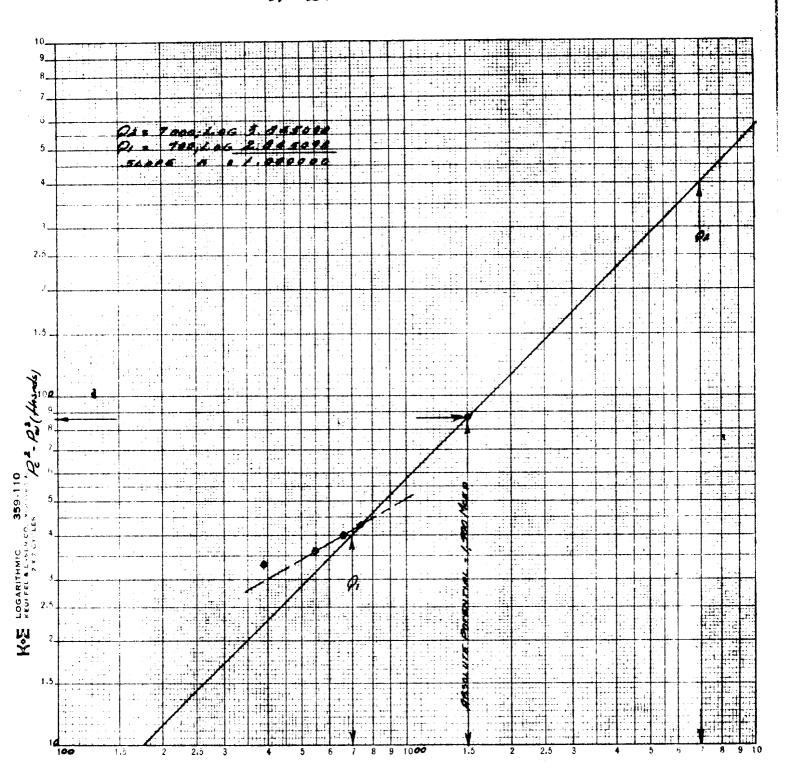
This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

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.
- Pc= 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.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

R. OLSEN OIL CO. WINNINGHAM Nº 1 C-30-25-37 LEA CO. N.M. A-26-1957



Q-MCFO 15.025 PSIR 60°F