

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Wildcat Date: June 10, 1955

Company: Southern Union Gas Co. Lease: Jicarilla Well No. #2-K

County: Rio Arriba Sec. 11 Twp. 25N Rge. 5W Loc. NW $\frac{1}{4}$ NE $\frac{1}{4}$

6.336 ID casing set @ 3013 ; 1.995 ID tubing 2.375 OD tubing set @ 3008

Pay zone from 3013 to 3071 ; ~~Separator~~ gas gr. .65 ^{Assumed} Barometer rdg. 13.5

^{Assumed} Reservoir temperature 65 ° Produced through: csg. tbg. X

Average gas/liquid ratio during test: Cu. ft. /bbl. gravity of liquid ° API

Size of meter run or prover: 2" Critical Flow Prover

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 1049.5 Tubing PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Plate Coefficient C Flg. tap Pipe tap	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter	Wellhead
1	.375	2"			3.070	934.5	888.5		60°
2	.3125	2"			2.160	963.5	935.5		60°
3	.250	2"			1.403	995.5	981.5		60°
4	.1875	2"			.7830	1011.5	1004.5		60°

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	2890	278
2	2156	208
3	1475	133
4	847	95
5		

Absolute Open Flow 12,300 MCF

CERTIFICATION: I hereby swear or affirm that, to the best of my knowledge, the information given above is true and correct.

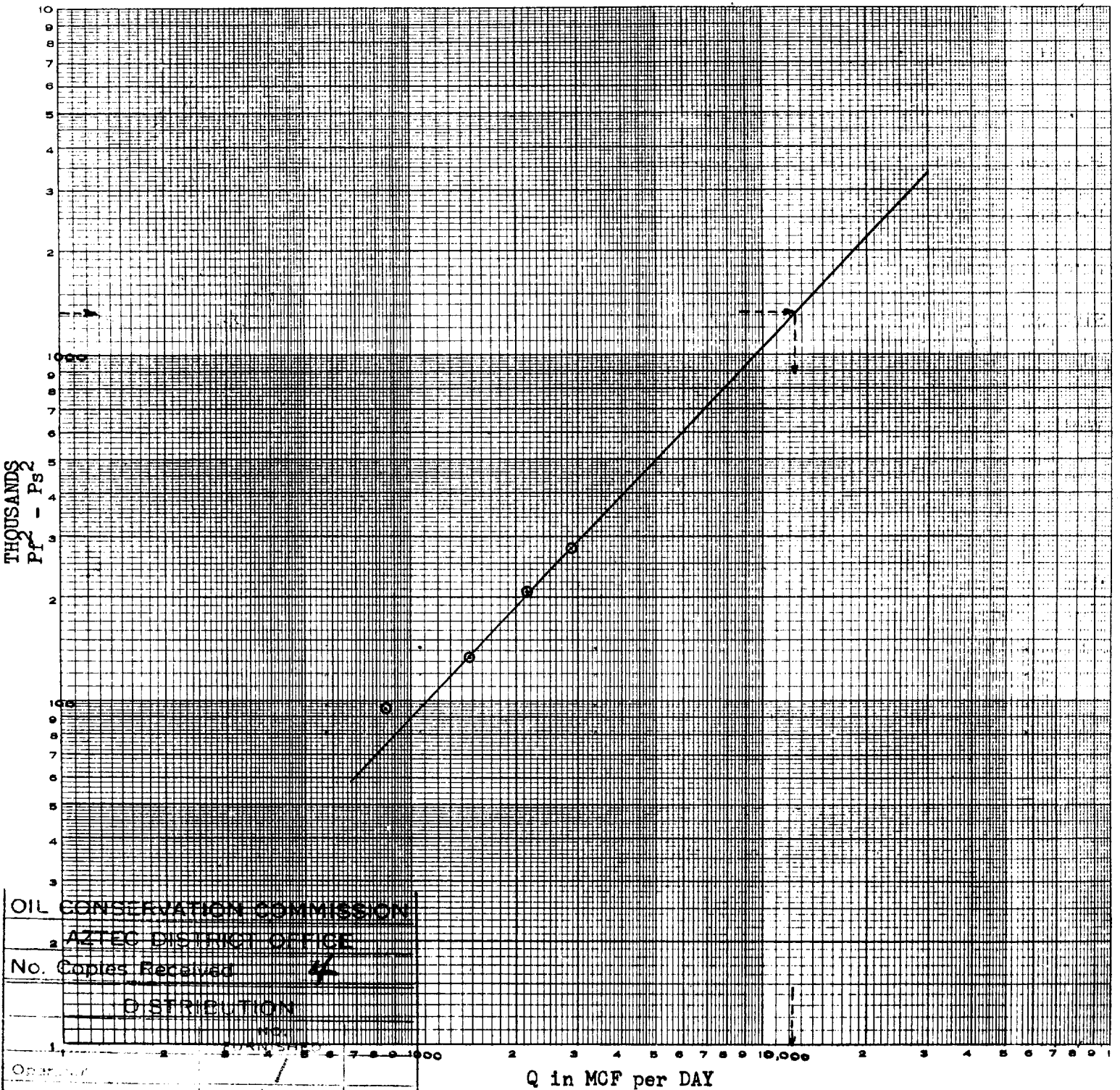
Name: L. S. Muennink Position: Jr. Petroleum Engineer

Company: Southern Union Gas Company Address: 1001 Burt Building
Dallas, Texas

Please plot curve on back

GAS WELL
BACK PRESSURE CURVE

Rio Arriba County
Wildcat
Southern Union Gas Company
Jicarilla #2-K
Open Flow - 12,300 MCF/24 Hr.



OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE
No. Copies Received 4
DISTRIBUTION
Operator /
Santa Fe /
Production Office /
State Land Office /
U. S. G. S. /
Transporter /
File /

46.5° N = .949