

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: **Wildcat** Date: **June 29, 1955**
 Company: **El Paso Natural Gas** Lease: **San Juan 30-4 40-4** Well No. **8**
 County: **Rio Arriba** Sec. **16** Twp. **30N** Rge. **4W** Loc. **990'S, 990'E**
 7" ID casing set @ **4351**; ID tubing **2** OD tubing set @ **4384**
 Pay zone from **4351** to **4412**, Separator gas gr. **.605** Barometer rdg. _____
 Reservoir temperature **160** ° Produced through: csg. _____ tbg. **X**
 Est.
 Average gas/liquid ratio during test: _____ Cu. ft. /bbl. gravity of liquid _____ ° API
 Size of meter run or prover: **2 inch critical flow prover**

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing **1183** Tubing **1183** PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Testing Est. Prover	Meter	Wellhead
1	.500				5.653	1173	977		71
2	.750				12.490	1156	640		70
3	.875				17.180	1146	500		68
4	1.250				36.510	1137	253		58

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	5854	28.633
2	8472	77.520
3	9156	102.960
4	9939	123.168
5		

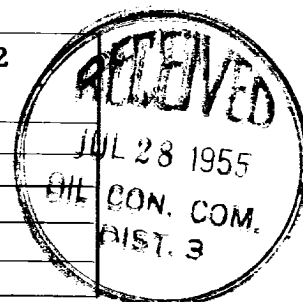
Absolute Open Flow **25,000** MCF

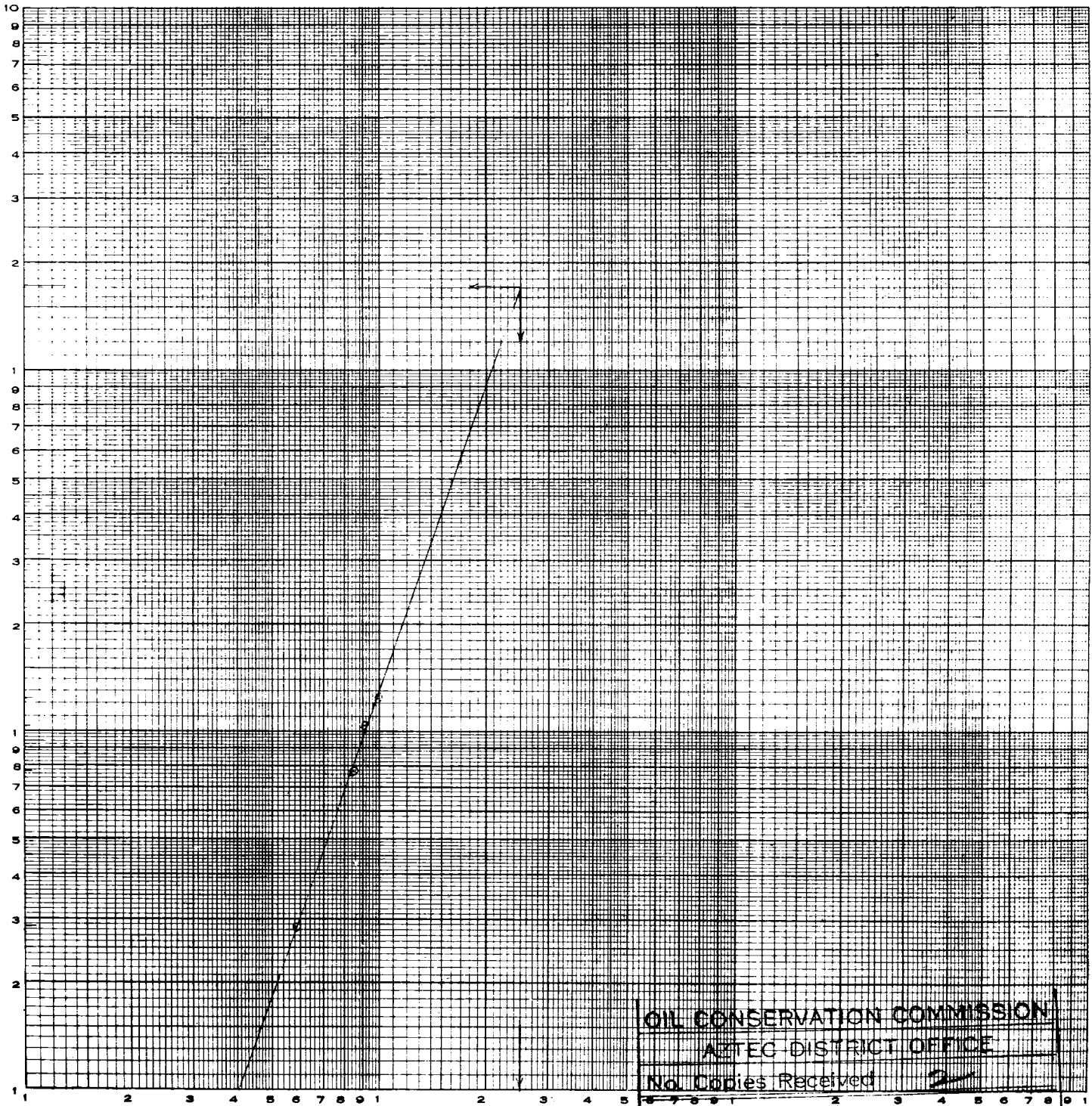
CERTIFICATION: I hereby swear or affirm that, to the best of my knowledge, the information given above is true and correct.

Name: **Lewis D. Galloway** Position: **Senior Gas Engineer**

Company: **El Paso Natural Gas Co.** Address: **Box 997, Farmington, N.M.**

Please plot curve on back





OIL CONSERVATION COMMISSION

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