

DUPLICATE

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

RECEIVED
SEP 25 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Pool: Rhodes Date: 9/24/51
Company: El Paso Natural Gas Lease: State "N" Well No. 1
County: Lea, N.M. Sec. 16 Twp. 26 Rge. 37 Loc. 1930 North and 1270 East
7" ^{OD} casing set @ 2973 ; 1.995" ID tubing 2.375" OD tubing set @ 3072
Pay zone from 2970 to 3140; Separator gas gr. 0.620 Barometer rdg. 13.3 psia
Reservoir temperature 90 ° Produced through: csg. x tbg.
Average gas/liquid ratio during test: Cu. ft. /bbl. gravity of liquid ° API
Size of meter run or prover: 2" Peter gun

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 686.3 Tubing 686.3 PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap x Pipe tap	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wt} Abs.	Meter	Wellhead
1	1.750"	1.750x4	563.3	5.0	19567.20		641.3	74	
2	1.750"		582.3	10.5	19567.20		626.3	75	
3	1.750"		602.3	10.0	19567.20		605.3	78	

DATA FOR PLOTTING CURVE $P_f^2 = 555.9$

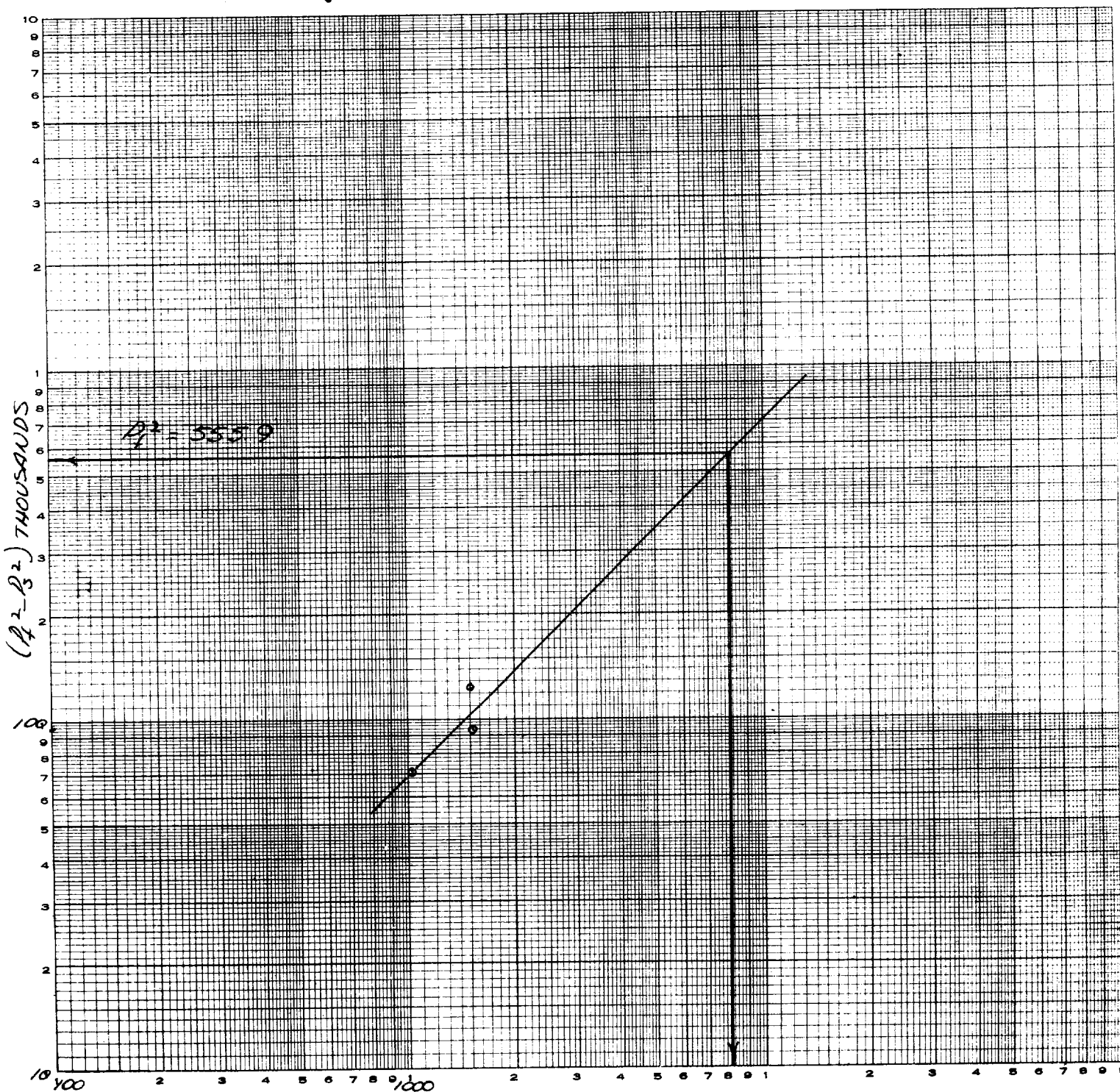
Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	1034.06	71.0
2	1522.17	94.0
3	1503.69	124.4
4		
5		

Absolute Open Flow 8,100 MCF

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

Name: Fred G. Bernard Position: Gas Engineer
Company: El Paso Natural Gas Address: P.O. Box 1384, Jal, New Mexico

Please plot curve on back



$Q \text{ MCF PER DAY}$
 $1502.5 \text{ PSIA @ } 80^\circ \text{F}$