

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Bumont Date: November 9, 1955

Company: Sinclair Oil & Gas Company State: Lea Lease: 407 Well No. 2

County: Lea Sec. 2 Twp. 21S Rge. 35E Loc. LOT #6 660 From South & East Lines

6,456 ID casing set @ 3899'; 1.995 ID tubing 2.375 OD tubing set @ 3738'

Pay zone from 3676' to 3768'; Separator gas gr. .666 Barometer rdg. 13.2

Reservoir temperature 112 ° Produced through: csg. _____ tbg. I

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 Packer Tubing 1065 PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		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	5/16	2" CFD	1003		2.153		1003	70	70
2	3/8		944		3.064		944	70	70
3	7/16		865		4.390		865	70	70
4	1/2		771		5.512		771	70	70

DATA FOR PLOTTING CURVE

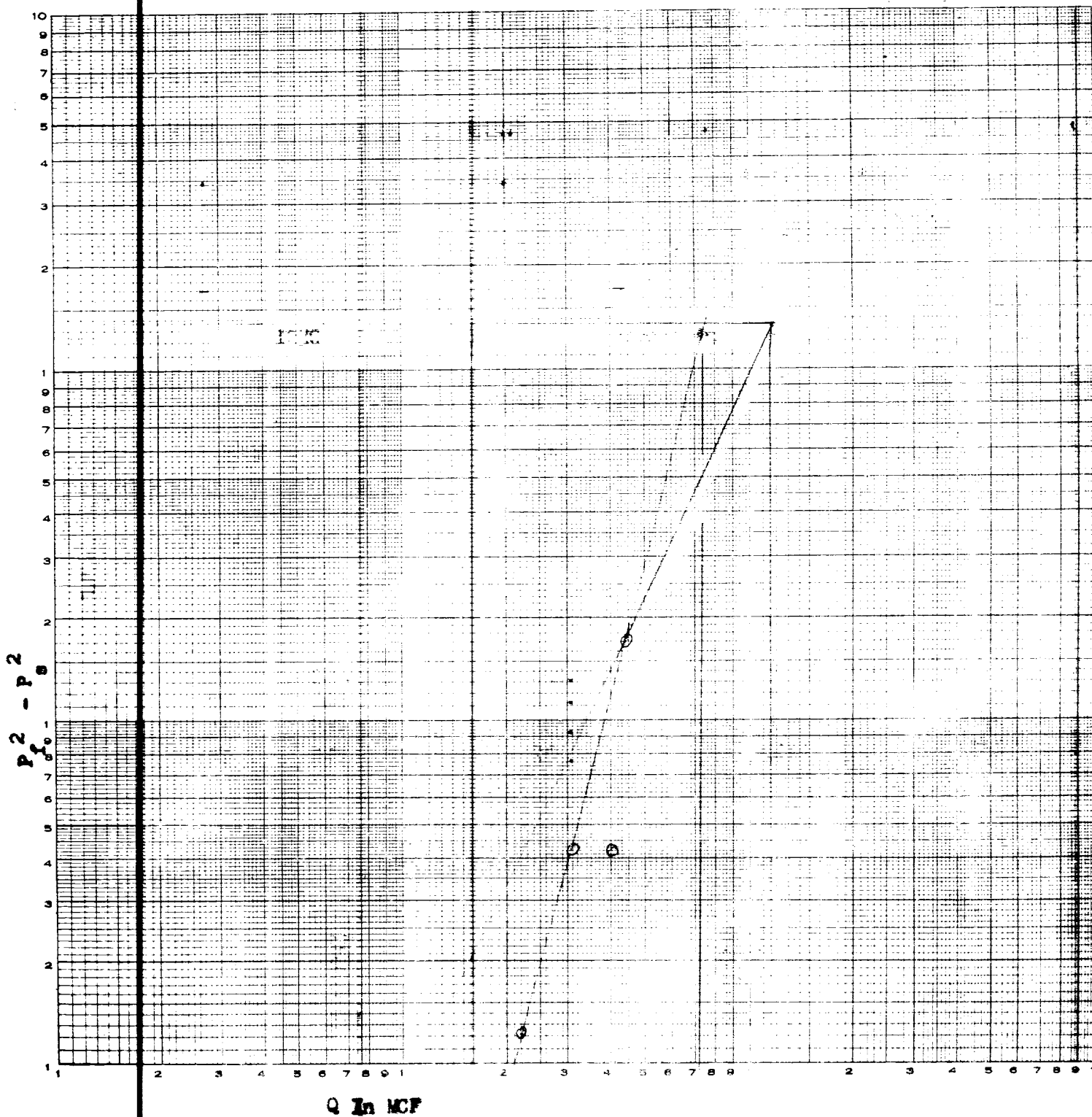
Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	2250	12
2	3003	42
3	3925	42
4	4314	175
5		

Absolute Open Flow 11,500 MCF

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

Name: Richard L. Vard Position: Gas Analyst

Company: Sinclair Oil & Gas Company Address: 520 East Broadway - Hobbs, New Mexico
Orig. & 2 cc: Conservation Commission
cc: SJF, FCE, CCS, Please plot curve on back



$\phi = 63.5^\circ$
 $N = .499$

Potential Of Well - 11,500 MCF