

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Jalnet Date: January 30, 1956

Company: Sinclair Oil & Gas Co. Lease: State 157 "B" Well No. 2

County: Lea Sec. 7 Twp 22 S Rge. 36 E Loc. NE SE NW

6336 ID casing set @ 3730' ; 2.441 ID tubing 2-7/8" OD tubing set @ 3601'

Pay zone from 3539' to 3638' ; Separator gas gr. .669 Barometer rdg. 13.2

Reservoir temperature 565 ° 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" CFP

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing Packer Tubing 1154 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" CFP	1028		2.153		1028	70	70
2	3/8"		955		3.064		955	70	70
3	7/16"		880		4.390		880	70	70
4	1/2"		777		5.512		777	70	70

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	2317	285
2	3041	423
3	3986	524
4	4367	700
5		

Absolute Open Flow 7,800 MCF

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

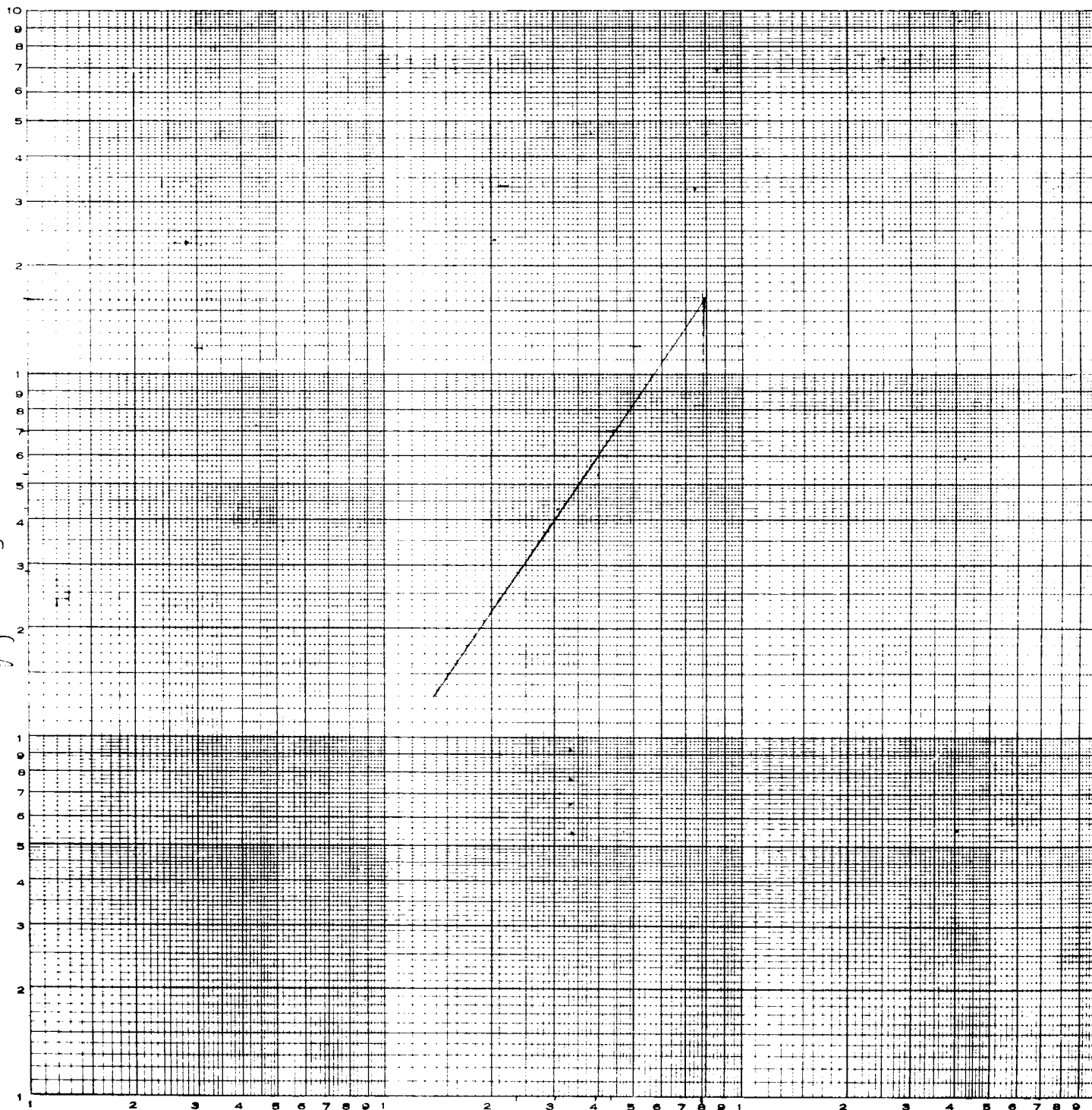
Name: A. J. Harned Position: GAS ANALYST

Company: SINCLAIR OIL & GAS COMPANY Address: 520 EAST BROADWAY - HOBBE, NEW MEXICO

Orig. & 2 cc: Conservation Commission

cc: SJF, FCE, CCS, FILE, JTF, PERMAN PIPE LINE CO.

Pg 2-15



P.O.F.
7,800

Q. IN MCF

$N = 700$
 $\theta = 55^\circ$