

ILLEGIBLE

NEW MEXICO
CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

CORRECTION COPY

Pool: Dugout Date: January 11, 1956

Company: Sinclair Oil & Gas Company Lease: State 176 Well No. 3

County: Lea Sec. 10 Twp. 21 S Rge. 36 E Loc. NE NW SE

4.336 ID casing set @ 3003'; 2.442 ID tubing 2-7/8" OD tubing set @ 3790'

Pay zone from 362' to 380'; Separator gas gr. .676 Barometer rdg. 13.8

Reservoir temperature 96.5 ° 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" CFB

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing Packer Tubing 1000 PSIA

Run No.	Orifice Size	2" CFB 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	1/2"		940		1.400		940	68	68
2	3/4"		880		2.153		880	70	70
3	1"		835		2.064		835	72	72
4	1 1/4"		777		4.390		777	72	72

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	1364	185
2	1942	242
3	2607	302
4	364	363
5		

Absolute Open Flow 11,700 MCF

@ 15,025

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

Name: A. L. Harwood Position: GAS ANALYST

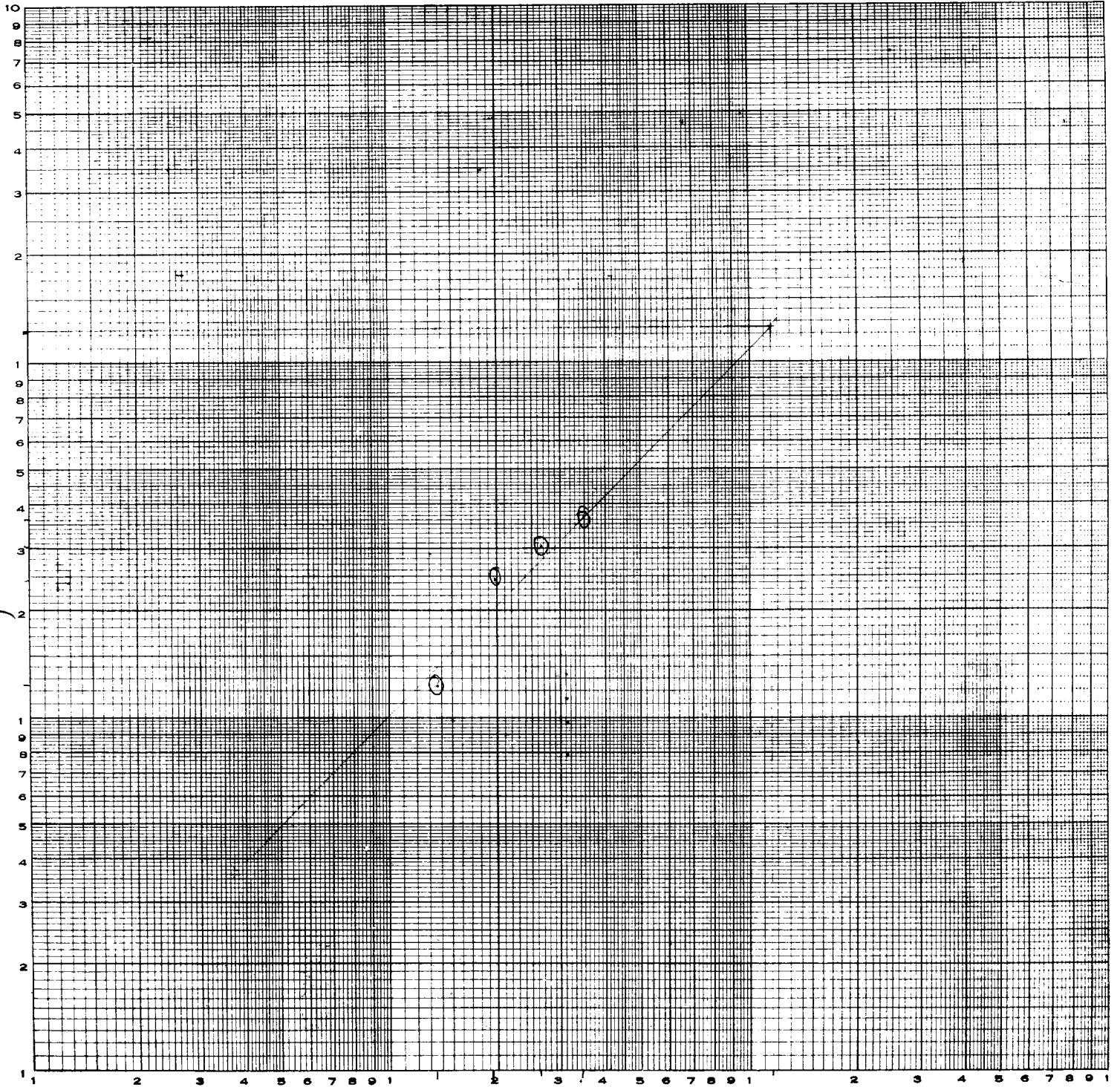
Company: SINCLAIR OIL & GAS COMPANY Address: 520 EAST BROADWAY STREET - ROOMS, NEW MEX.

Orig. & 2 cc: Conservation Commission

Please plot curve on back

cc: SWP, FCR, CCS, FILE, JTH, PERMAIN BASIN PIPE LINE CO.

Pf 2 - 022



P.O.F. - 11,700

Q IN MLF

N = 1,000
 $\theta = 45^\circ$