

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Pool: Lovington Date: November 23, 1951

Company: Stanolind Oil & Gas Co. Lease: State "E" Tract 17 Well No. 1

County: Lea Sec. 1 Twp. 17S Rge. 36E Loc. S¹/₄ of SE¹/₄

6.366 ID casing set @ 4555' ; 2.441 ID tubing 2.875 OD tubing set @ Not Available

Pay zone from 3891 to 3911; Separator gas gr. .846 Barometer rdg. _____

Reservoir temperature Est. 70° Produced through: csg. _____ tbg. X

Average gas/liquid ratio during test: Inf. Cu. ft. /bbl. gravity of liquid _____ ° API

Size of meter run or prover: 2" Prover

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 674.3 Tubing 674.3 PSIA

Run No.	Orifice Size	Orifice $\times$ Line	Meter Pressures		Coefficient C Flg. tap $\times$ 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"	538.3		39.77	546.3	538.3	78°F.	
2	7/16"	2"	415.3		81.09	437.3	415.3	76°F.	
3	5/8"	2"	241.3		154.00	275.3	241.3	81°F.	

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	1000	83
2	1572	239
3	1735	381
4		
5		

Absolute Open Flow 1900 MCF

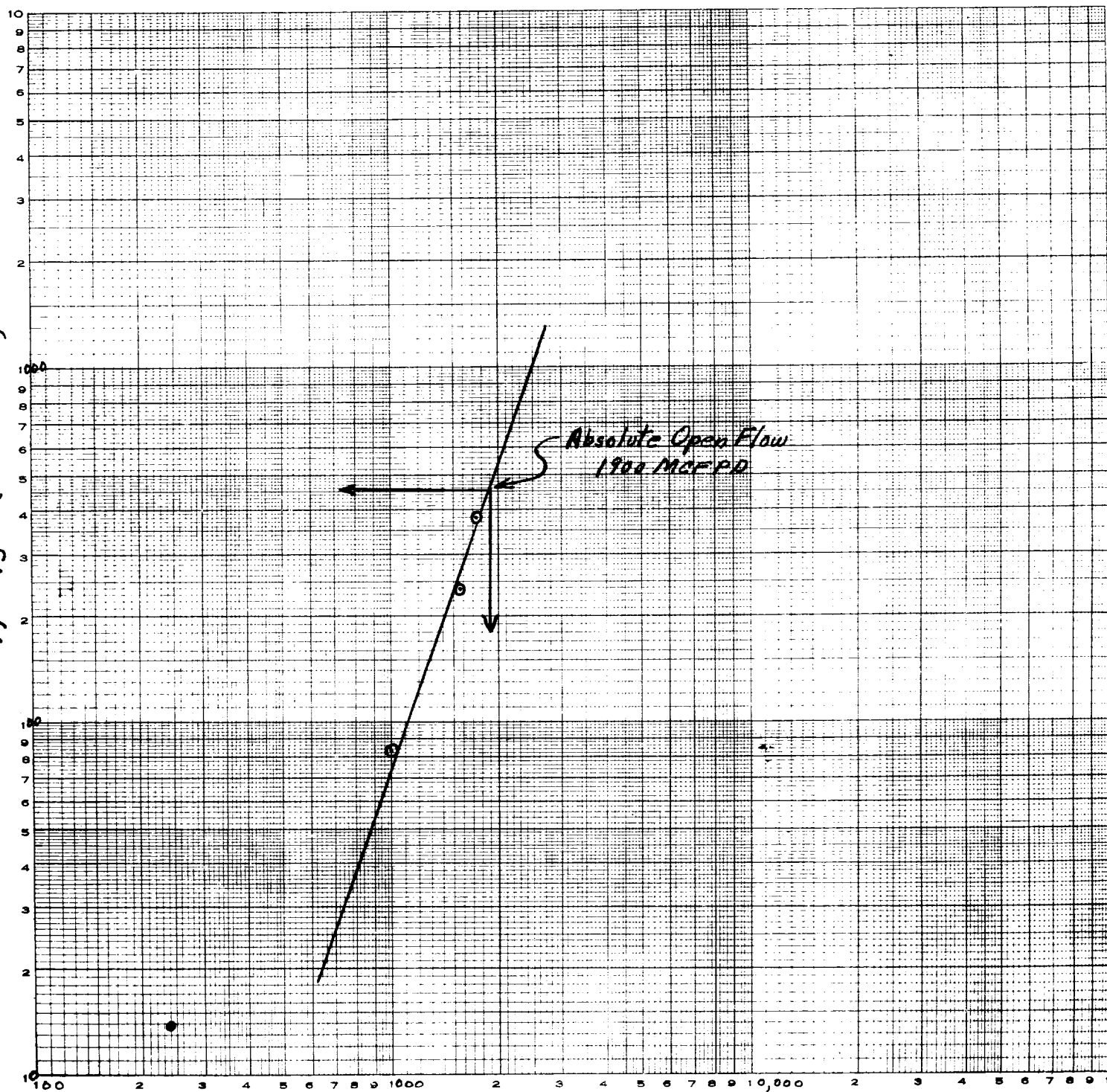
CERTIFICATION: I hereby swear or affirm that, to the best of my knowledge, the information given above is true and correct.

Name: McFadden Position: Field Engineer

Company: Stanolind Oil and Gas Co. Address: Box 68; Hobbs, New Mexico

Please plot curve on back

$P_4^2 - P_5^2$ (Thousands)



Q - MCF/DAY