

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pod: Langley No. 1 Date: August 10, 1951

Company: Skelly Oil Company Lease: J. W. Sherrell

County: Lea Sec. 31 Twp. 24S Rge. 37E Loc. 990' FSL & 2172' FWL

6.456" ID casing set @ 2720 ; — ID tubing — OD tubing set @ No Tubing

Pay zone from 2790' to 3350' ; Separator gas gr. 0.650 Barometer rdg. 13.3

Reservoir temperature — ° Produced through: csg. X tbg. —

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

Size of meter run 4" x 1.500"

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 947.3 Tubing — PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap <u>X</u> Pipe tap <u>—</u>	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter	Wellhead
1	1.500"	4"	920.3	5.0	13997.88	920.3	—	—	80
2	1.500"	4"	901.3	14.5	13997.88	901.3	—	—	77
3	1.500"	4"	878.3	31.5	13997.88	878.3	—	—	75
4	1.500"	4"	844.3	69.0	13997.88	844.3	—	—	75

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	972	58
2	1641	97
3	2393	145
4	3460	211
5		

Absolute Open Flow 17,000 MCF

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

Name: [Signature] Position: Dist. Supt.

Company: Skelly Oil Company Address: Box 38, Hobbs, New Mexico

Please plot curve on back

J.W. Sherrell No. 5
8-10-51

