

OFFICE OF
OIL CONSERVATION
NEW MEXICO

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OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Eumont Date: July 11, 1956

Company: Sunray Mid-Continent Oil Co. Lease: A. Cooper Well No. 3

County: Lea Sec. 7 Twp. 20 Rge. 37 Loc. D

4.408 ID casing set @ 3620 ; ID tubing 2" OD tubing set @ approx. 3500

Pay zone from 2950 to 3433 ; Separator gas gr. .665 Barometer rdg. 13.2

Reservoir temperature - ° Produced through: csg. - tbg. 2 ✓

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

Size of meter run or prover: 4" line pipe X 1.5" orifice
Fg = .9498

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 977.2 Tubing 977.2 PSIA

Run No.	F_t	F_{pv} Orifice x Line	Meter Pressures		Coefficient C Flg. tap ✓ Pipe tap	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing Well Abs.	Tubing Well P_c Abs.	Meter	Wellhead
1	1.002	1.103	587.2	15.21	13.99	927.2	913.2		
2	1.001	1.098	585.2	33.64	13.99	889.2	856.2		
3	.998	1.091	581.2	49.70	13.99	864.2	812.2		
4	.994	1.087	616.2	63.20	13.99	839.2	765.2		

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_c^2 - P_w^2$ Pressure (thousands)
1	1386.57	95.22
2	2046.44	164.24
3	2478.78	208.08
4	2856.11	250.66
5		294.92

Absolute Open Flow 7140 MCF $n = 0.726$

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

Name: Robert E. Statton Position: Engineer

Company: Sunray Mid-Continent Oil Co. Address: 201 Midland National Bank Bldg., Midland, Texas

Please plot curve on back (See attached)

