

DUPLICATE

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

RECEIVED
OCT 26 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

Pool: Langlie-Mattix Date: July 18, 1951
Company: Skelly Oil Company Lease: S.E. Toby
County: Lea Sec. 7 Twp. 24S Rge. 37E Loc. 660' FSL & 660' FWL
6.456" ID casing set @ 3355 ; 2.5" ID tubing 2.875" OD tubing set @ 3666'
Pay zone from 3355' to 3440'; Separator gas gr. 0.660 Barometer rdg. 13.3
Reservoir temperature — ° Produced through: csg. Annulus tbg. 2-1/2" tubing. pumping oil through
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 753.3 Tubing — PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap <u>X</u> Pipe tap (P_b 15.025)	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter $^{\circ}F.$	Wellhead
1	1.500"	4"	735.3	2.0	13997.88	735.3	—	80	—
2	1.500"	4"	725.3	5.5	13997.88	725.3	—	79	—
3	1.500"	4"	711.3	9.0	13997.88	711.3	—	76	—
4	1.500"	4"	689.3	18.0	13997.88	689.3	—	75	—

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	537	30
2	886	48
3	1128	71
4	1565	106

Absolute Open Flow 6,400 MCF

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

Name: J. M. Sullivan Position: Dist. Supt.
Company: Skelly Oil Company Address: Box 38, Hobbs, New Mexico.

Please plot curve on back

S. E. Toby #1
7-18-51

