

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Arrow Gas Pool Date: 3-13-56
 Company: Amerada Petroleum Corp. Lease: State P¹A¹ Well No. 1
 County: Lea Sec. 18 Twp. 22-S Rge. 37-E Loc. 1980' from South & East Lines
5.012 ID casing set @ 3640 ; 2.992 ID tubing 3.500 OD tubing set @ 3673'
 Pay zone from 3426 to 3490 ; Separator gas gr. 0.655 Barometer rdg. - 13 (est.)
 Reservoir temperature 92 ° Produced through: csg. - tbg. -
 Average gas/liquid ratio during test: - Cu. ft. / bbl. gravity of liquid - ° API
 Size of meter run or prover: 4" OWT

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing 491 psia Tubing - PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap Pipe tap	Wellhead Pr.		Flowing Temp.	
			Static P _m Abs.	Diff. P_m h _g		Casing P _{wc} Abs.	Tubing P _{wc} Abs.	Meter °F	Wellhead °F
1	2-1/2	2 1/2 x 4		19"		415		45	61
2	2-1/2	2 1/2 x 4		21"		396		47	61
3	2-1/2	2 1/2 x 4		24"		362		51	62
4	2-1/2	2 1/2 x 4		26"		330		54	62
5	2-1/2	2 1/2 x 4		29"		282		56	66

DATA FOR PLOTTING CURVE P_e = 538.63

Run No.	Delivery Rate in MCF per 24 hours (Q)	P _f ² - P _s ² (thousands)
1	2,263,796	57.946
2	2,400,845	73.095
3	2,587,600	98.817
4	2,706,012	121.419
5	2,888,263	151.302

Absolute Open Flow 3,480 MCF

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

Name: N.G. Abbott Position: District Engineer

Company: Amerada Petroleum Corporation Address: Drawer D - Monument, New Mexico

Please plot curve on back