

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Bagley Penn Date: March 26, 1956 HOBBS OFFICE OCC

Company: Texas Pacific Coal & Oil Co. Lease: State "C" A/e-2 1956 APR 2 PM Well No: 281

County: Lea Sec. 4 Twp. 12 S Rge. 33 E Loc. Unit A 660 N & E Line

5 1/2 ID casing set @ 9986 ; 1,995 ID tubing 2 OD tubing set @ 9732

Pay zone from 9802 to 9889 ; Separator gas gr. _____ Barometer rdg. 13.2

Reservoir temperature 158 ° Produced through: csg. _____ tbg. x

Average gas/liquid ratio during test: _____ Cu. ft. /bbl. gravity of liquid 53.1 ° API

Size of meter run or prover: 2 in. Critical Flow Prover

OBSERVED DATA

Wellhead shut-in pressure, P_w _____ Casing Packer Tubing 2311 PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap Pipe tap G. F. P.	Wellhead Pr.		Flowing Temp.	
			Static P _m Abs.	Diff. h _w		Casing P _{wc} Abs.	Tubing P _{wc} Abs.	Meter	Wellhead
1	.187				.7834	P	2018.2		74
2	.250				1.400	P	1740.2		79
3	.312				2.153	P	1431.2		80
4	.375				3.063	P	1074.2		81

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	P _f ² - P _s ² (thousands)
1	1,773	1230.3
2	2,659	2151.8
3	3,275	3016.8
4	3,381	3089.1

Absolute Open Flow 4900 MCF

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

Name: *Arthur W. Smith* Position: District Engineer

Company: Texas Pacific Coal & Oil Co. Address: P. O. Box 1688, Hobbs, New Mexico

Please plot curve on back

Texas Pacific Coal & Oil Co.
State "C" A/c-2 Well #1
660 N & E Line
Sec 4 - 12-33
Lea County, N. M.

3 - 26 - 56

