

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Jicarilla Wildcat Date: September 7, 1954
Company: Humble Oil & Refining Co. Lease: Jicarilla Apache Tribe of Indians Well No. 1
County: Rio Arriba Sec. 15 Twp. 23 Rge. 5 W Loc. 990' N line and 1140' W line
4.892 ID casing set @ 6762' ; 1.995 ID tubing 2" OD tubing set @ 6660'
Pay zone from 6663 to 6675 ; Separator gas gr. 0.828 Barometer rdg. 23.09 (est)
Reservoir temperature 155 ° Produced through: csg. _____ tbg. x
Average gas/liquid ratio during test 23496 Cu. ft. /bbl. gravity of liquid 58 ° API
Size of meter run or prover: 4" orifice well tester

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing _____ Tubing 1923.3 PSIA

P_f and P_s determined by subsurface pressure gauge.

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap x Pipe tap	Wellhead Pr.		Flowing Temp. ^{OF}	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs. *	Meter	Wellhead
1	1.250	4"		22	682		1611.3	25	94
2	1.250	4"		47	1091		1433.3	12	85
3	1.375	4"		51	2328		561.3	-8	60
4	1.375	4"		59	2574		364.3	-8	60

*Dead weight tester + 11.3 lbs. atmospheric pressure

$$P_f^2 = 6512.704$$

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	518	1250.268
2	842	2659.335
3	1841	5736.543
4	2036	6042.108
5		

Absolute Open Flow 2075 MCF

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

Name: R. S. Dewey Position: Division Petroleum Engineer

Company: Humble Oil & Refining Company Address: Box 1600, Midland, Texas

Prepared by Dana Cherry

Typed by Hazel Schneider

Please plot curve on back

