

NEW MEXICO  
OIL CONSERVATION COMMISSION  
Back Pressure Data Sheet

Form C-122

Pool: Eumont Date: 10-17-55  
 Company: The Atlantic Refining Co. Lease: Seale Federal Well No. 2  
 County: Lea Sec. 34 Twp T20S Rge R36E Loc. NE/4 SW/4 Sec. 34  
5.012 ID casing set @ 3899 ; 1.995" ID tubing 2.375" OD tubing set @ 3766  
 Pay zone from 3749' to 3776' ; Separator gas gr. .678 Barometer rdg. 13.0 psi  
 Reservoir temperature 553 °R Produced through: csg. \_\_\_\_\_ tbg. I  
 Average gas/liquid ratio during test: — Cu. ft. /bbl. gravity of liquid — ° API  
 Size of meter run or prover: 2" Critical Flow Prover

OBSERVED DATA

Wellhead shut-in pressure, P<sub>w</sub> Casing \_\_\_\_\_ Tubing 996 PSIA

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Orifice Coefficient C	Wellhead Pr.		Flowing Temp.	
			Static P <sub>m</sub> Abs.	Diff. h <sub>w</sub>		Casing P <sub>wc</sub> Abs.	Tubing P <sub>wc</sub> Abs.	Meter	Wellhead
1	3/16				0.8035		962	73	73
2	4/16				1.4360		888	76	76
3	5/16				2.2080		801	77	77
4	7/16				4.5030		587	72	72

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	P <sub>f</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> (thousands)
1	791	72
2	1291	211
3	1776	344
4	2606	596

Absolute Open Flow 1339 MCF

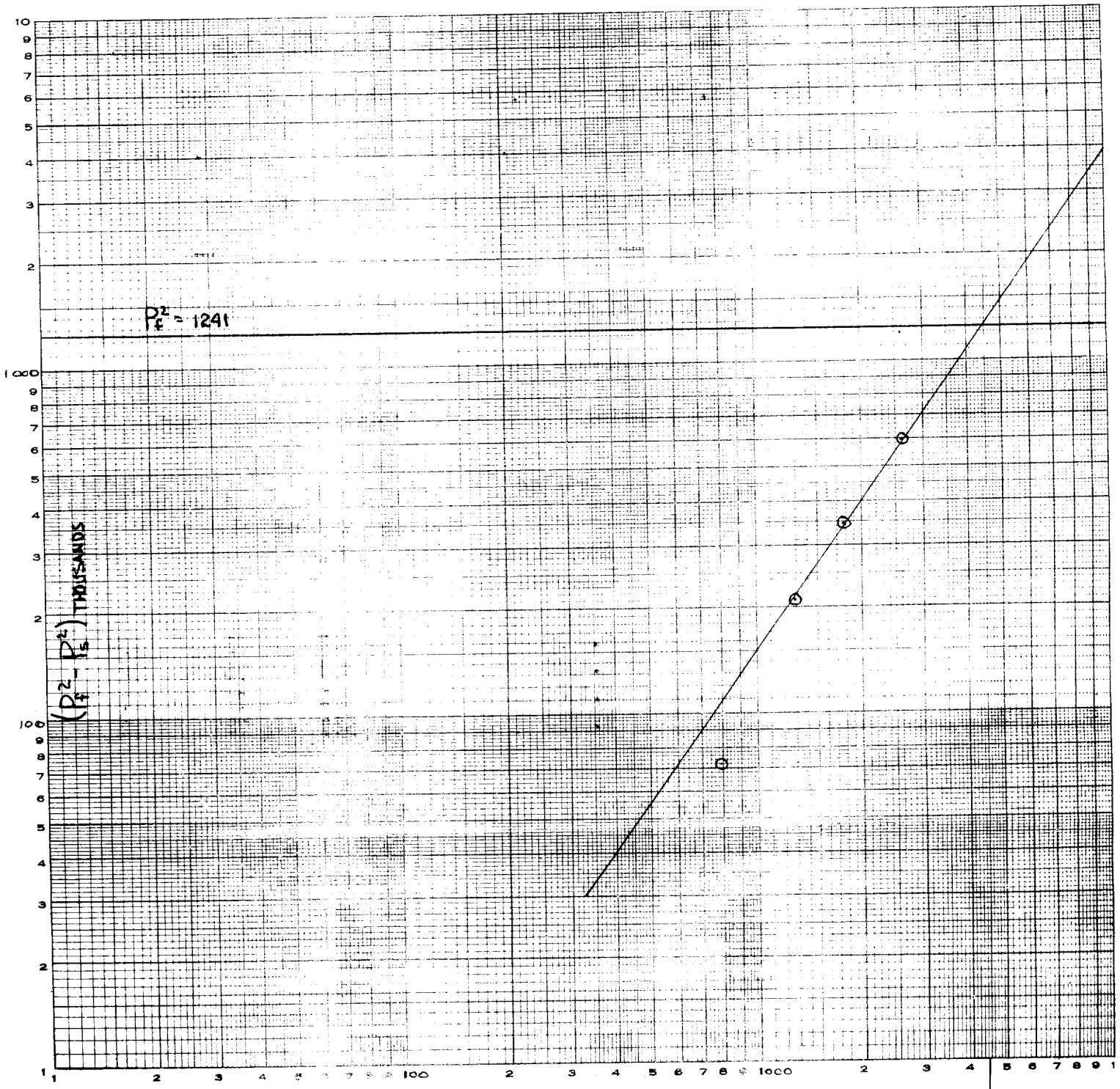
● 15.025 PSIA & 60°F

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

Name: Norman A. Carr Position: District Superintendent

Company: The Atlantic Refining Company Address: P. O. Box 1038, Denver City, Texas

Please plot curve on back



Q (MCF/24 HR)

4450 MCF/DAY  
 = 4339 MCF/DAY @  
 15.025 PSIA & 60°F  
 ABSOLUTE OPEN FLOW  
 POTENTIAL