

DUPLICATE

NEW MEXICO
CONSERVATION COMMISSION
Back Pressure Data Sheet

RECEIVED

SEP 25 1951

Pool: Rhodes

Date: 9/14/51

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Company: El Paso Natural Gas Lease: State "A" Well No. 1

County: Lea, N.M. Sec. 16 Twp. 26 Rge. 37 Loc. 660 South and 660 East

7" casing set @ 2995 ; 1.995" ID tubing 2.375" OD tubing set @ 3246

Pay zone from 3209 to 3217 ; Separator gas gr. 0.635 Barometer rdg. 13.3 psia

Reservoir temperature 90 ° Produced through: csg. _____ tbg. X

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

Size of meter run or prover: 4" Meter Run

OBSERVED DATA

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

Bottom Hole Pressure 770.3

Run No.	Orifice Size	Orifice x Line	Meter Pressures		Coefficient C Flg. tap <u>X</u> Pipe tap _____	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wt} Abs.	Meter	Wellhead
<u>1</u>	<u>1.750"</u>	<u>1.750x4</u>	<u>549.3</u>	<u>5.0</u>	<u>19567.20</u>		<u>554.3</u>	<u>78</u>	
<u>2</u>	<u>1.750"</u>	<u>1.750x4</u>	<u>555.3</u>	<u>2.5</u>	<u>19567.20</u>		<u>585.3</u>	<u>83</u>	

DATA FOR PLOTTING CURVE

$P_f^2 = 593.4$

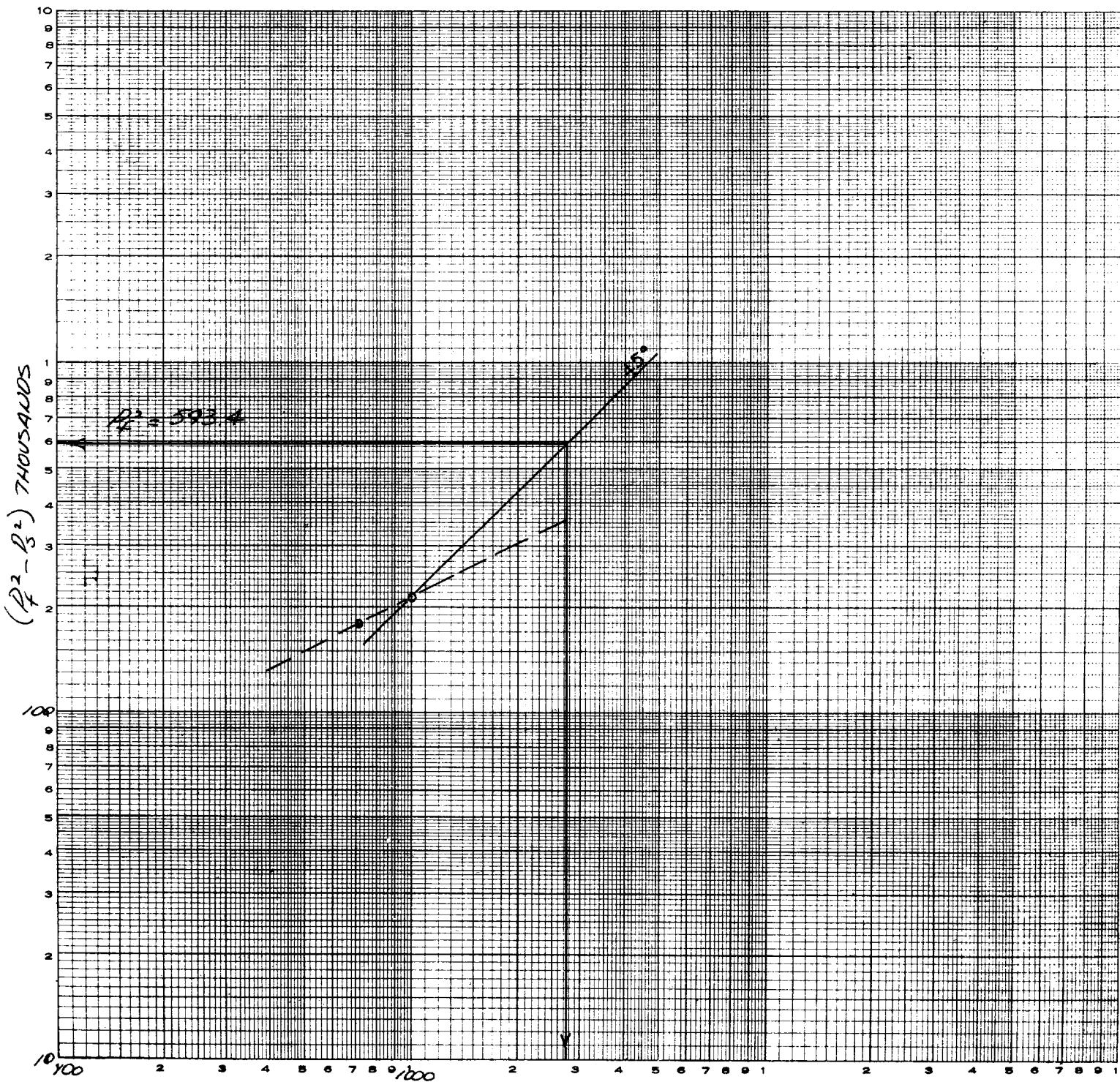
Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
<u>1</u>	<u>1005.97</u>	<u>212.2</u>
<u>2</u>	<u>710.59</u>	<u>177.9</u>
<u>3</u>		
<u>4</u>		
<u>5</u>		

Absolute Open Flow 2,750 MCF

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

Name: Fred G. Bernard Position: Gas Engineer
Company: El Paso Natural Gas Address: P.O. Box 1384, Jal, New Mexico

Please plot curve on back



Q MCF PER DAY
15.025 PSIA @ 80°F