

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Jalmit (?) Summit Date: November 10, 1955

Company: Sinclair Oil & Gas Company Lease: State 157 G Well No. 1-A

County: Lea Sec. 5 Twp. 22S Rge. 36E Loc. 660' South, 810' East Lines

6.456 ID casing set @ 3899'; 1.995 ID tubing 2.375 OD tubing set @ 3725'
Packer set @ 3725'

Pay zone from 3232' to 3370'; Separator gas gr. 660 Barometer rdg. 13.2

Reservoir temperature 103 ° Produced through: csg. X tbg. -

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

Size of meter run or prover: 2 CFP

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing _____ Tubing 1010 PSIA

Run No.	Orifice Size	2 CFP Orifice x Line	Meter Pressures		Coefficient C Flg. tap _____ Pipe tap _____	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. hw		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter	Wellhead
	<u>1/8</u>			<u>880</u>	<u>.341</u>	<u>880</u>		<u>68</u>	<u>68</u>
	<u>3/16</u>			<u>697</u>	<u>.783</u>	<u>697</u>		<u>68</u>	<u>68</u>
	<u>7/32</u>			<u>596</u>	<u>1.081</u>	<u>596</u>		<u>68</u>	<u>68</u>
	<u>1/4</u>			<u>524</u>	<u>1.400</u>	<u>524</u>		<u>68</u>	<u>68</u>

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
<u>1</u>	<u>311</u>	<u>297</u>
<u>2</u>	<u>552</u>	<u>645</u>
<u>3</u>	<u>645</u>	<u>802</u>
<u>4</u>	<u>725</u>	<u>903</u>
<u>5</u>		

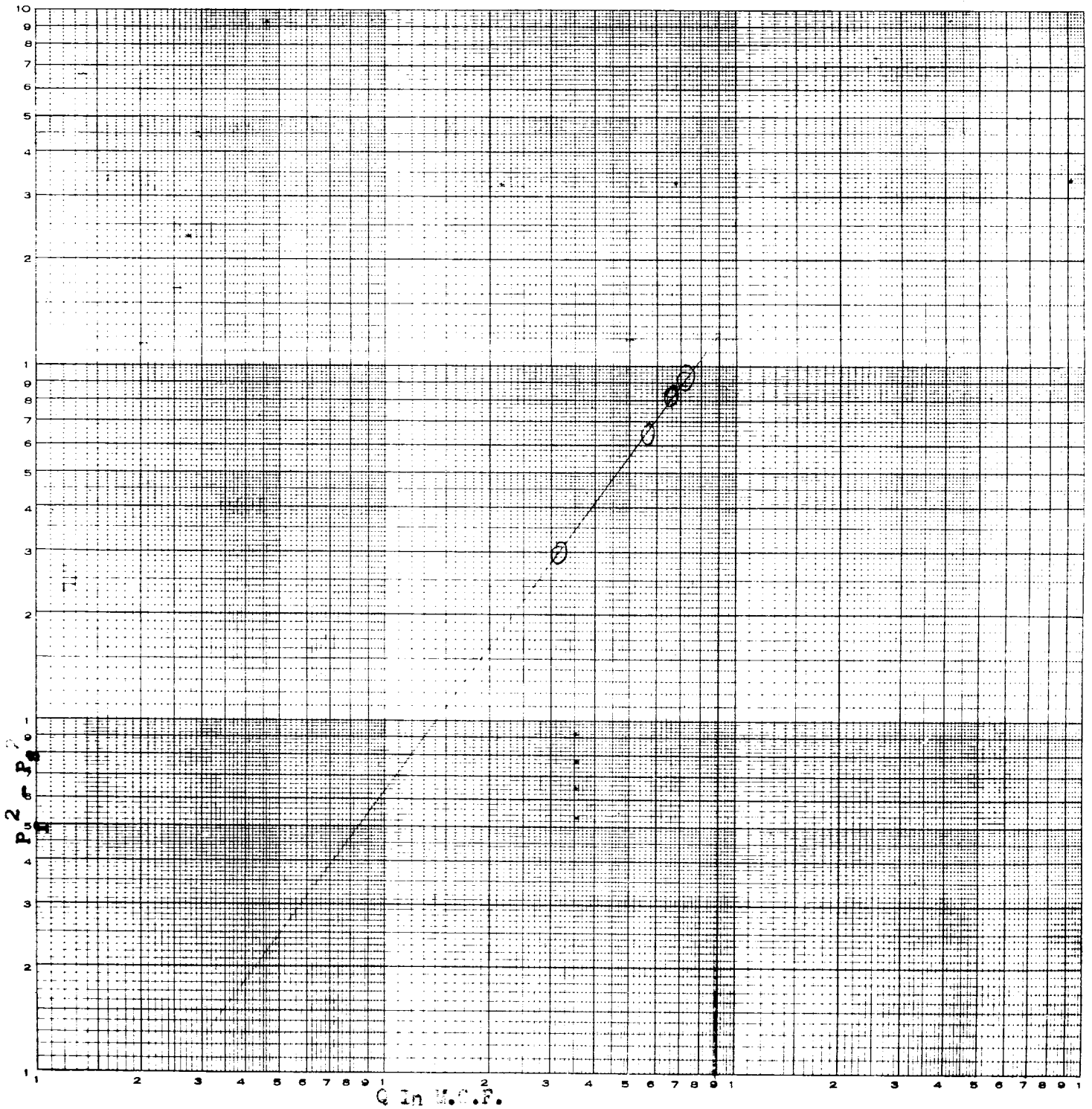
Absolute Open Flow 895 MCF

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

Name: [Signature] Position: Gas Analyst

Company: Sinclair Oil & Gas Company Address: 520 East Broadway Hobbs, New Mexico

Orig. & 2 cc: Conservation Commission
cc: SJF, FCR, CCS, FIE please plot curve on back



$\theta - 53^\circ$
 $N - .754$
 Potential of Well 895 MCF