

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: **Barker Dome Paradox** Date: **October 4, 1954**

Company: **Antec Oil & Gas Company** Lease: **Barker** Well No. **11**

County: **San Juan** Sec. **16** Twp. **32-N** Rge. **14-W** Loc. **2708/S & 1608/W**

7" ID casing set @ **9005'**; **2 1/4"** ID tubing **2.875** OD tubing set @ **8739'**

Pay zone from **8710'** to **8630'**; Separator gas gr. **0.720** Barometer rdg. **12 psia**

Reservoir temperature **550** °R Produced through: csg. _____ tbg. **X**

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

Size of meter run or prover: **2" Choke cage.**

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing **1737** Tubing **1737** PSIA

Run No.	Orifice Size	Choke CHOKES x Line	Meter Pressures		Coefficient C Flg. tap Pipe tap	Wellhead Pr.		Flowing Temp.	
			Static P_m Abs.	Diff. h_w		Casing P_{wc} Abs.	Tubing P_{wc} Abs.	Meter	Wellhead
1	7/16				4.730		1164		97
2	1/2				6.260		1085		84
3	9/16				8.510		982		86
4	5/8				9.980		874		92

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	5168	3121
2	6826	3456
3	7897	3848
4	8486	4220
5		

Absolute Open Flow **11,500** MCF

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

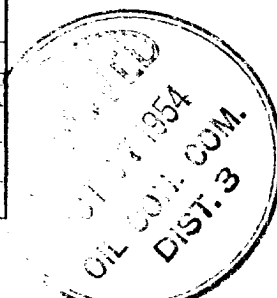
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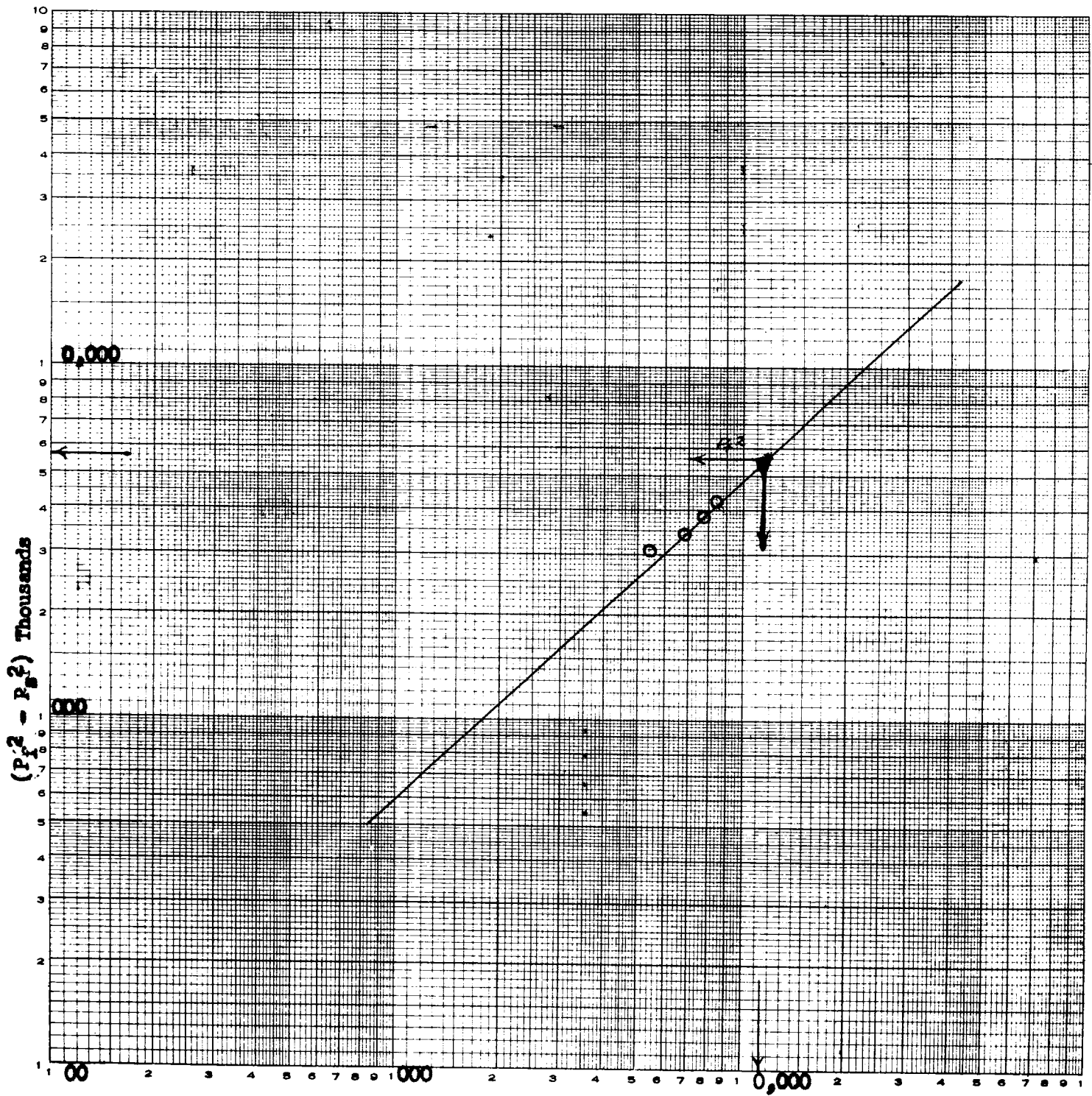
Name: **John J. Abendschan** Position: **Petroleum Engineer**

John J. Abendschan

Company: **Antec Oil & Gas Company** Address: **112 N. Behrend, Farmington, New Mexico**

Please plot curve on back





$Q = \text{MCF/day}$

$$47.5^\circ \text{N} = 1.091$$