

MULTIPOINT BACK PRESSURE TEST

Test Type ;	INITIAL	State;	KANSAS	Test Date;	08/24/99
Company ;	PELICAN OIL & GAS	Lease ;	RATH	Well No. ;	2
County ;	CHEYENNE	Location ;	NENW/4 Sec 23 T2S R42W	Acres ;	160
Field;	EURIKA	Reservoir ;	Niobrara	Pipeline Conn.	
Completion Date ;		PBTD ;	1770	Packer Set ;	N/A
Casing Size ;	4 1/2" Wt. ; 10.5#	Set @ ;		Perfs. ;	1636-1656
Tubing Size ;	None Wt. ;	Set @ ;		Perfs ;	
Type of Completion ;	Single Gas	Type Fluid Prod ;	None		
Producing Thru ; Casing		Reservoir Temp. F ;	--	Bar. Press. ;	13 PSI
Gas Gravity ; .6 (est)		% CO2 ; -- % N2 ; --		Liquid API Grav.	N/A
Vertical Depth ;	1830	Type Meter Conn. ;	None	Prover Size ;	2"

Remarks: Used 2" critical flow prover & dead weight tester.

Rate No.	Orifice Size in.	Prover Press. psig	Flowing Temp. deg. F	Casing Wellhead Pressure		Shut-in Hrs.:	
				psig	psia	Duration hrs.	Liquid Prod. bbls.
Shut-in	blank	219	--	219	232	0	0
1	3/32	206	84	206	219	1	0
2	7/64	165	84	165	178	1	0
3	1/8	55	85	55	68	1	0
4	9/64	30	87	30	43	1	0
5	7/64	24	88	24	37	24	0

RATE OF FLOW CALCULATIONS

Rate No.	Coefficient mcf/d	Prover Press. psia	Gravity Factor Fg	Temp. Factor Ft	Deviation Factor Fpv	Rate of Flow Q mcf/d
1	0.1446	219	1.291	0.9777	1.0142	41
2	0.1917	178	1.291	0.9777	1.0115	44
3	0.2716	68	1.291	0.9768	1.0044	23
4	0.3271	43	1.291	0.9750	1.0028	18
5	0.1917	37	1.291	0.9741	1.0024	9

PRESSURE CALCULATIONS

Rate No.	Pc psia	Pw psia	Pc^2 /1000	Pw^2 /1000	Pc^2-Pw^2 /1000	Q mcf/d	Shut-in %
1	232	219	53.8	48.0	5.9	41	94.06
2	232	178	53.8	31.7	22.1	44	75.34
3	232	68	53.8	4.6	49.2	23	25.11
4	232	43	53.8	1.8	52.0	18	13.70
5	232	37	53.8	1.4	52.5	9	10.96

INDICATED WELLHEAD OPEN FLOW = 8.83 Mcfd "n" = -0.54

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Executed this the 26th day of August 1999

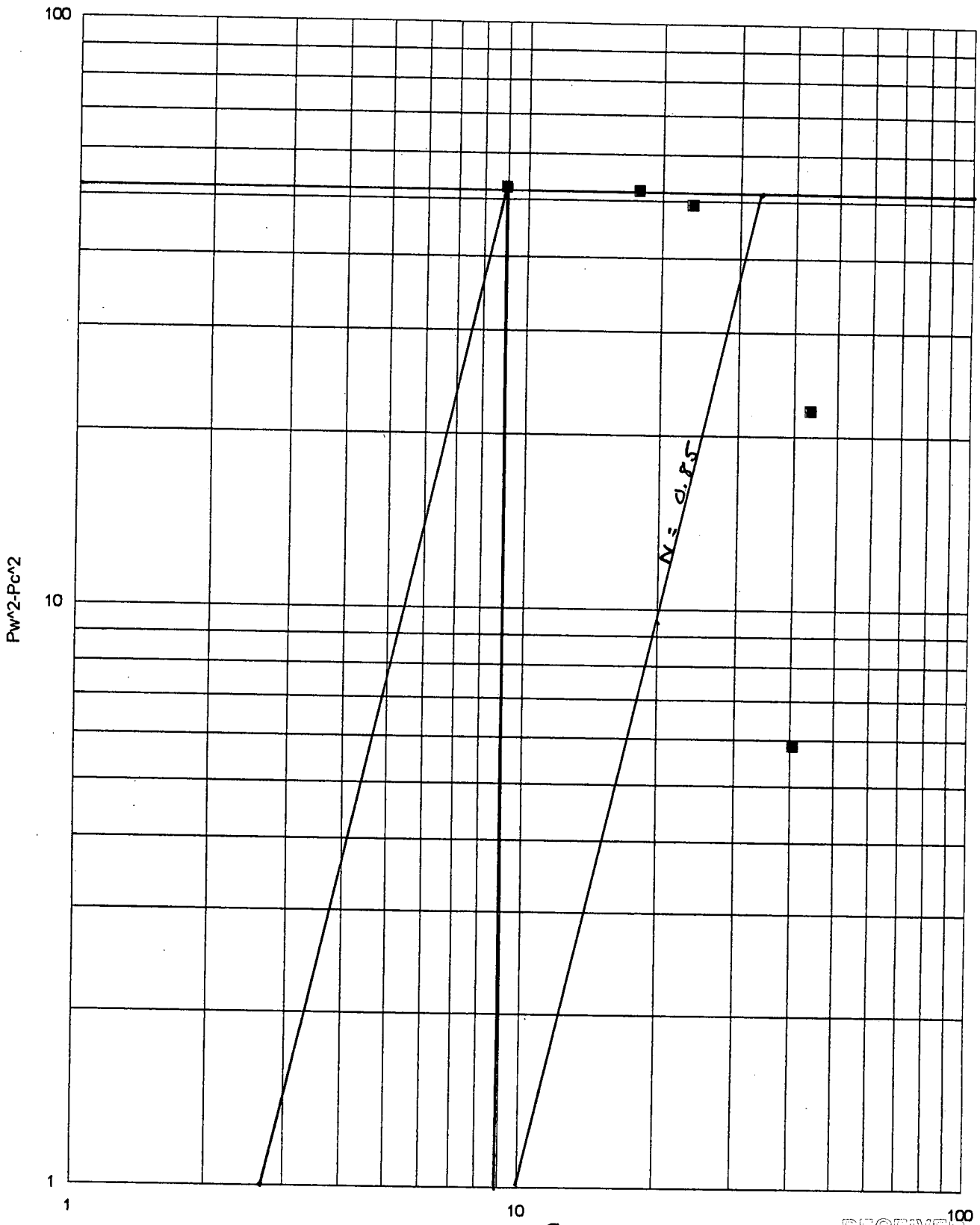
Ray Bivens For J-W Operating Co.

Signed:  Title: Field Representative

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KANSAS CORPORATION COMMISSION
OCT 18 1999
CONSERVATION DIVISION
TOPEKA, KS

Multi-Point Back Pressure Test

RATH 2 Two



Q, mcf/d = 9

RECEIVED 100

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASSIGNED STANDARD SLOPE

OCT 18 1969

GENERAL INVESTIGATION DIVISION
LABORATORY