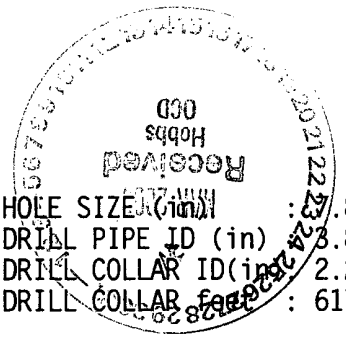
RIG
TESTERS, INC.

COMPANY	: PATTERSON PETROLEUM L.P.	TEST DATE	: 03/10/06
LEASE	: PADDY "27" STATE	D.S.T. NO.	: 1
WELL NO.	: # 1	TEST TKT. NO.	: 23478
FIELD	: LEA MEX (PADDOCK)	INVOICE NO.	: 21632
COUNTY/STATE	: LEA / NEW MEXICO	ORDER NO.	:



FORMATION	: PADDOCK	HOLE SIZE (in)	: 7.875	ANCHOR LENGTH (ft)	: 11
INTERVAL (ft)	: 6082 TO 6093	DRILL PIPE ID (in)	: 3.82	TOOL LENGTH (ft)	: 49
TOTAL DEPTH (ft)	: 6093	DRILL COLLAR ID(in)	: 2.25	TOOL O.D. (in)	: 5
ELEVATION (ft)	: 4166	DRILL COLLAR feet	: 617	PACKER SIZE (in)	: 7.00

RECORDER DATA
AK-1KUSTER / ZIPROBE

TOP RECORDER: IN		BOTTOM RECORDER: OUT	
RECORDER NO.	: 50014	RECORDER NO.	: 6232
CAPACITY (psi)	: 10000	CAPACITY (psi)	: 6975
DEPTH (ft)	: 6086	DEPTH (ft)	: 6090
CLOCK NO.	: 50014	CLOCK NO.	: 24222
DURATION (hrs)	: 99	DURATION (hrs)	: 24

MUD PROPERTIES

MUD TYPE	: S.GEL & STARCH	WATER LOSS (cc)	: 10.0	CHLORIDE PPM	: 185000
MUD WT. (#/gal)	: 10.0	FILTER CAKE (in)	: 1/32	RESISTIVITY(ohm-m)	: .0325
		VISCOSITY (sec)	: 35		

EQUIPMENT DATA

CONVENTIONAL	: YES	ROTARY JARS	: YES	MULTIFLOW	: NO
STRADDLE	: NO	NO. OF PACKERS	: 2	MILEAGE	: NO
SELECTIVE ZONE	: NO	SAFETY JOINT	: YES	OPERATOR TIME	: NO
SAMPLE CHAMBER	: YES	CIRCULATING SUB	: YES	OTHER	: YES
GAS ANALYSIS	: NO	REVERSED OUT	: NO	ZI ELECTRONICS (2)	
SUCCESSFUL	: YES	PACKER FAILURE	: NO	TOOL PLUG	: NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED	: 2:45 AM	TOTAL TEST TIME:	398
INITIAL FLOW	: 30	INITIAL SHUT-IN:	62
SECOND FLOW	: 59	SECOND SHUT-IN :	246
THIRD FLOW	:	THIRD SHUT IN :	

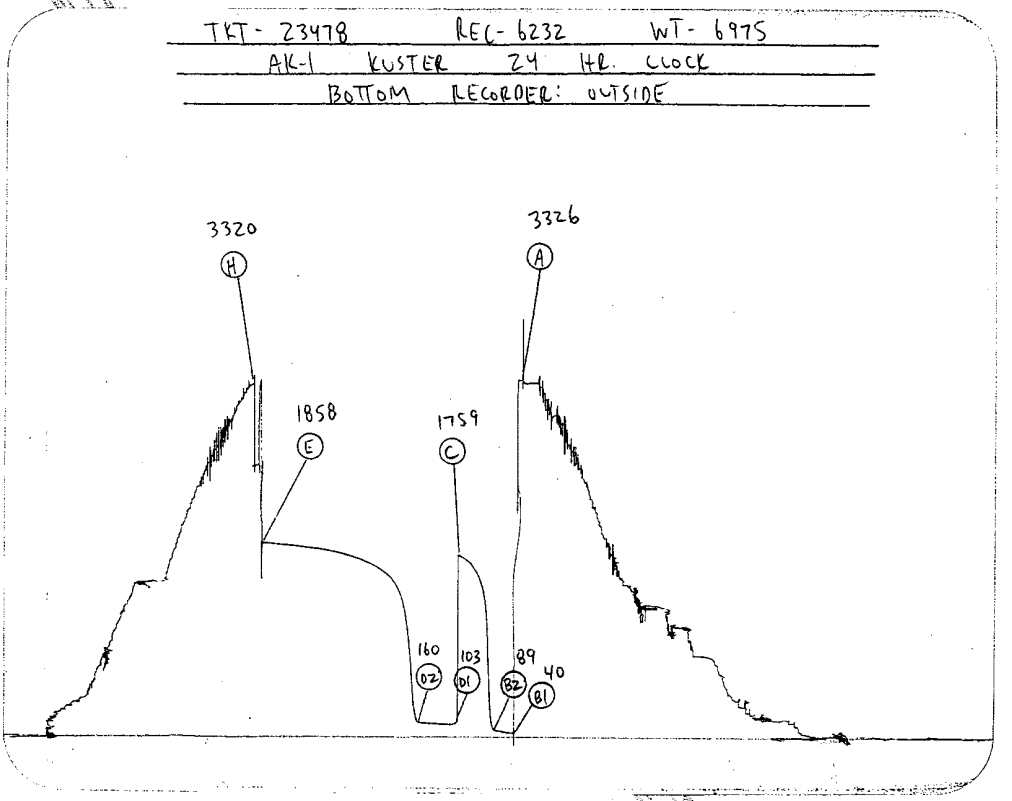
TEST TOOL OPERATOR: TOMMY WILLIAMS

RIG TESTERS, INC.

PATTERSON PETROLEUM L.P.

PADDY "27" STATE # 1
D.S.T. NO. :1

		CORRECTED READING	FIELD READING
A	INITIAL HYDROSTATIC:	3322 PSI	3322 PSI
B-1	INITIAL FIRST FLOW :	36 PSI	36 PSI
B-2	FINAL FIRST FLOW :	87 PSI	87 PSI
C	FIRST SHUT-IN :	1757 PSI	1754 PSI
D-1	INITIAL SECOND FLOW:	100 PSI	100 PSI
D-2	FINAL SECOND FLOW :	159 PSI	159 PSI
E	SECOND SHUT-IN :	1856 PSI	1856 PSI
H	FINAL HYDROSTATIC :	3318 PSI	3321 PSI



RECOVERY DATA

B.H. TEMP. (deg F) : 107

PIPE RECOVERY

377 FT. OF FAINT GAS
240 FT. OF TOTAL FLUID
60 FT. OF MUDDY WATER (TRACE OF OIL)
60 FT. OF MUDDY WATER
120 FT. OF FORMATION WATER
135,000 MG/L CHLORIDES- .0379 OHMS @ 85 DEGREES

SAMPLE CHAMBER

120 LBS. OF PRESSURE
.01 CU. FT. OF GAS
60 CC'S OF OIL & GAS CUT MUD
(25% OIL)
1860 CC'S OF FORMATION WATER
WITH STRONG SULPHUR ODOR
125,000 MG/L CHLORIDES
.0381 OHMS @ 85 DEGREES

TEST REMARKS

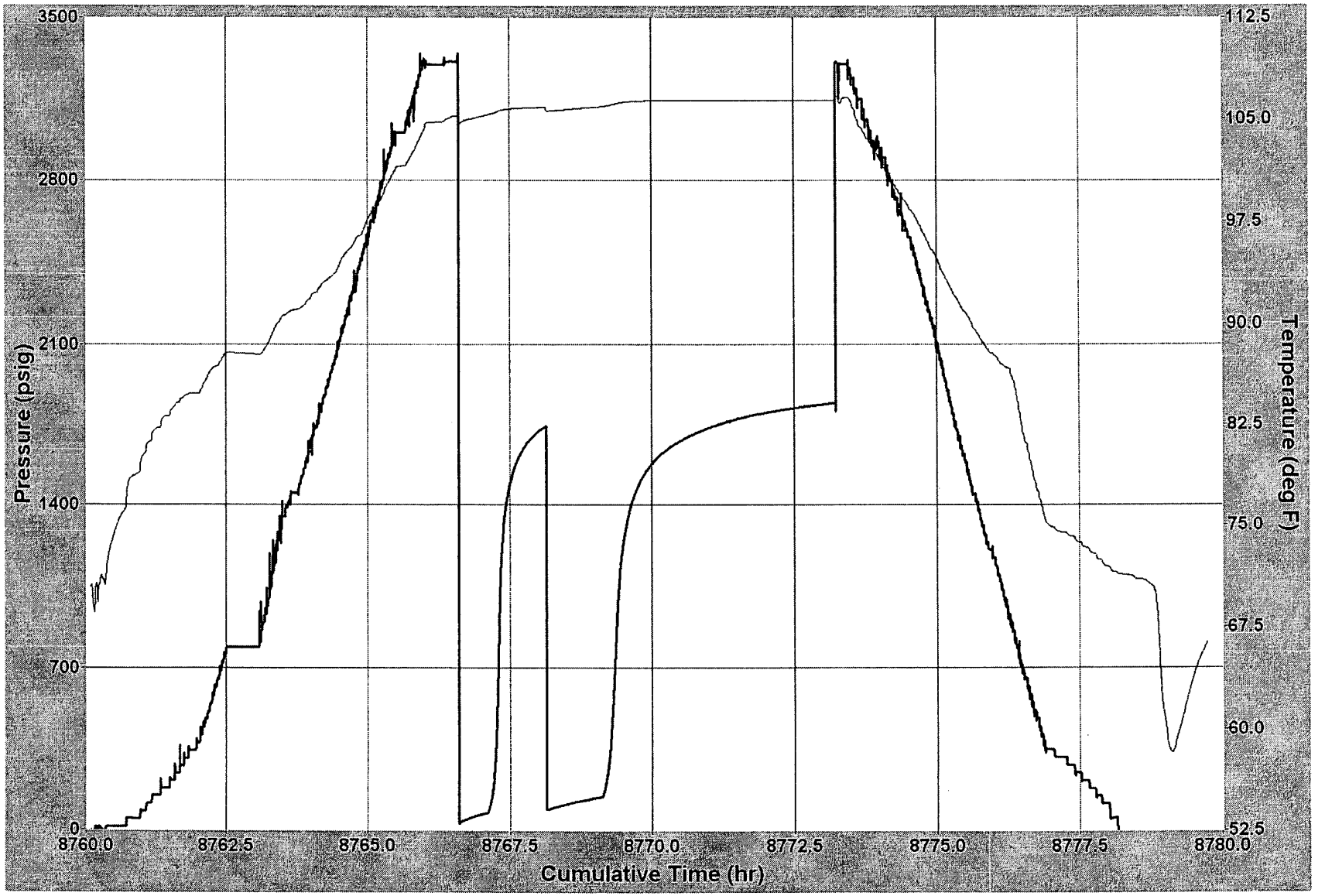
TOOL OPENED WITH VERY WEAK BLOW (1/8" IN WATER) ON 1/8" CHOKE WHICH BUILT TO (4.5" IN WATER) AT END OF THE 30 MIN. FIRST FLOW. REOPENED TOOL WITH VERY WEAK BLOW (1/8" IN WATER) ON 1/8" CHOKE WHICH BUILT TO(4.5" IN WATER) AT END OF THE 60 MIN. FINAL FLOW.

Company Name	PATTERSON PETROLEUM L.P.
Well Name	PADDY "27" STATE #1
Type of Test	DST #1 (6082-6093 FT.; PADDOCK)
Date(s) of Test	3-10-06

RIG TESTERS, INC. RECORDER# 50014

Company Name	PATTERSON PETROLEUM L.P.
Well Name	PADDY "27" STATE #1
Type of Test	DST #1 (6082-6093 FT.; PADDOCK)
Date(s) of Test	3-10-06

RIG TESTERS, INC. RECORDER# 9628



PATTERSON PETROLEUM L.P.

RIG TESTERS, INC.

PADDY "27" STATE # 1
D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

RECORDER NO : 50014 RECORDER CAPACITY : 10000 psi RECORDER DEPTH : 6086 ft

ELAPSED TIME	TOTAL FLOW TIME, T	INCREMENTAL SHUT-IN TIME,DT	(T+DT)/DT (HORNER)	PRESSURE	DELTA P
---MIN----	---MIN----	---MIN----	----------	---PSIG---	---PSIG---
		FIRST FLOW			
.0	.0			36.60	.00
2.0	2.0			46.58	9.98
4.0	4.0			52.09	15.49
6.0	6.0			56.30	19.70
8.0	8.0			58.73	22.13
10.0	10.0			61.71	25.11
12.0	12.0			64.50	27.90
14.0	14.0			67.63	31.03
16.0	16.0			70.37	33.77
18.0	18.0			72.90	36.30
20.0	20.0			75.83	39.23
22.0	22.0			78.33	41.73
24.0	24.0			80.40	43.80
26.0	26.0			82.83	46.23
28.0	28.0			85.24	48.64
30.0	30.0			87.40	50.80
30.5	30.5			87.70	51.10
		FIRST SHUT-IN			
30.5	30.5	.00	.000	87.70	.00
31.0	30.5	.50	61.960	92.53	4.83
31.5	30.5	1.00	31.480	98.73	11.03
32.0	30.5	1.50	21.320	106.20	18.50
32.5	30.5	2.00	16.240	114.34	26.64
33.0	30.5	2.50	13.192	122.11	34.41
33.5	30.5	3.00	11.160	131.50	43.80
34.0	30.5	3.50	9.709	142.17	54.47
34.5	30.5	4.00	8.620	152.72	65.02
35.0	30.5	4.50	7.773	165.90	78.20
35.5	30.5	5.00	7.096	180.81	93.11
36.5	30.5	6.00	6.080	215.40	127.70
37.5	30.5	7.00	5.354	260.82	173.12
38.5	30.5	8.00	4.810	327.33	239.63
39.5	30.5	9.00	4.387	415.40	327.70
40.5	30.5	10.00	4.048	539.63	451.93
42.5	30.5	12.00	3.540	900.30	812.60
44.5	30.5	14.00	3.177	1165.61	1077.91
46.5	30.5	16.00	2.905	1289.46	1201.76
48.5	30.5	18.00	2.693	1371.20	1283.50
50.5	30.5	20.00	2.524	1431.03	1343.33
53.5	30.5	23.00	2.325	1496.78	1409.08
56.5	30.5	26.00	2.172	1545.69	1457.99
59.5	30.5	29.00	2.051	1583.73	1496.03
62.5	30.5	32.00	1.953	1614.29	1526.59
65.5	30.5	35.00	1.871	1639.36	1551.66

PATTERSON PETROLEUM L.P.

RIG TESTERS, INC.

PADDY "27" STATE # 1
D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

RECORDER NO : 50014 RECORDER CAPACITY : 10000 psi RECORDER DEPTH : 6086 ft

ELAPSED TIME	TOTAL FLOW TIME, T	INCREMENTAL SHUT-IN TIME,DT	(T+DT)/DT (HORNER)	PRESSURE	DELTA P
---MIN----	---MIN----	---MIN----	----------	---PSIG---	---PSIG---
		FIRST SHUT-IN			
68.5	30.5	38.00	1.802	1660.43	1572.73
71.5	30.5	41.00	1.743	1678.23	1590.53
74.5	30.5	44.00	1.693	1693.79	1606.09
77.5	30.5	47.00	1.649	1707.28	1619.58
80.5	30.5	50.00	1.610	1719.09	1631.39
83.5	30.5	53.00	1.575	1729.87	1642.17
86.5	30.5	56.00	1.544	1739.56	1651.86
89.5	30.5	59.00	1.517	1748.36	1660.66
92.2	30.5	61.74	1.494	1757.10	1669.40
		SECOND FLOW			
92.7	31.0			100.50	.00
95.7	34.0			105.10	4.60
98.7	37.0			109.12	8.62
101.7	40.0			112.70	12.20
104.7	43.0			116.20	15.70
107.7	46.0			119.80	19.30
110.7	49.0			122.70	22.20
113.7	52.0			126.00	25.50
116.7	55.0			128.90	28.40
119.7	58.0			131.50	31.00
122.7	61.0			134.70	34.20
125.7	64.0			137.40	36.90
128.7	67.0			140.10	39.60
131.7	70.0			142.40	41.90
134.7	73.0			145.50	45.00
137.7	76.0			148.00	47.50
140.7	79.0			150.80	50.30
143.7	82.0			153.10	52.60
146.7	85.0			155.70	55.20
149.7	88.0			158.10	57.60
151.7	90.0			159.60	59.10
		SECOND SHUT-IN			
151.7	90.0	.00	.000	159.60	.00
153.7	90.0	2.00	46.000	192.79	33.19
155.7	90.0	4.00	23.500	235.83	76.23
157.7	90.0	6.00	16.000	292.20	132.60
159.7	90.0	8.00	12.250	372.61	213.01
161.7	90.0	10.00	10.000	486.68	327.08

PATTERSON PETROLEUM L.P.

RIG TESTERS, INC.

PADDY "27" STATE # 1
D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

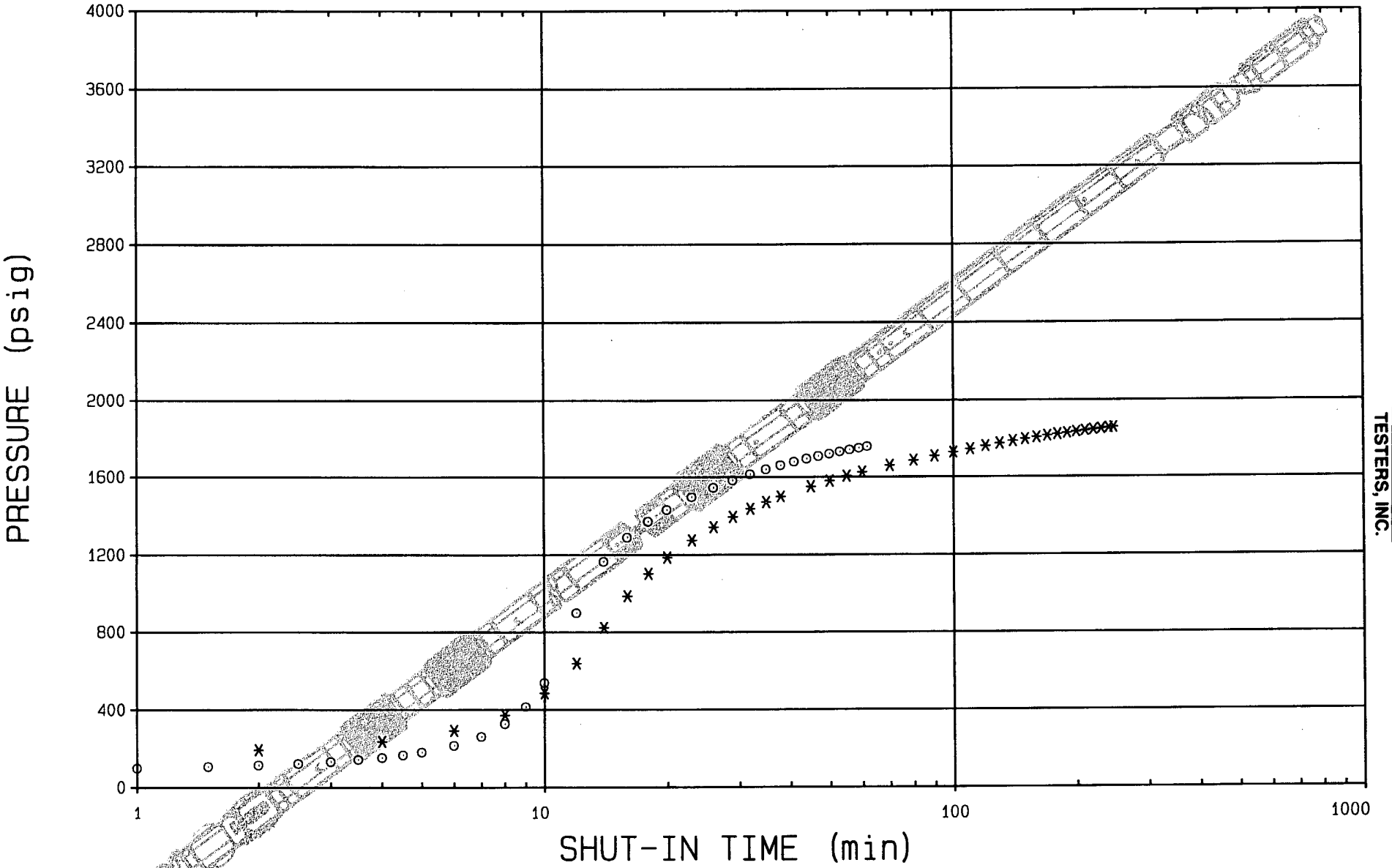
RECORDER NO : 50014 RECORDER CAPACITY : 10000 psi RECORDER DEPTH : 6086 ft

ELAPSED TIME	TOTAL FLOW TIME, T	INCREMENTAL SHUT-IN TIME,DT	(T+DT)/DT (HORNER)	PRESSURE	DELTA P
---MIN----	---MIN----	---MIN----	----------	---PSIG---	---PSIG---
		SECOND SHUT-IN			
163.7	90.0	12.00	8.500	639.00	479.40
165.7	90.0	14.00	7.429	823.38	663.78
167.7	90.0	16.00	6.625	988.31	828.71
169.7	90.0	18.00	6.000	1103.40	943.80
171.7	90.0	20.00	5.500	1186.02	1026.42
174.7	90.0	23.00	4.913	1274.72	1115.12
177.7	90.0	26.00	4.462	1341.91	1182.31
180.7	90.0	29.00	4.103	1394.52	1234.92
183.7	90.0	32.00	3.813	1436.77	1277.17
186.7	90.0	35.00	3.571	1471.22	1311.62
189.7	90.0	38.00	3.368	1499.98	1340.38
196.7	90.0	45.00	3.000	1552.00	1392.40
201.7	90.0	50.00	2.800	1580.81	1421.21
206.7	90.0	55.00	2.636	1604.83	1445.23
211.7	90.0	60.00	2.500	1625.10	1465.50
221.7	90.0	70.00	2.286	1658.69	1499.09
231.7	90.0	80.00	2.125	1685.26	1525.66
241.7	90.0	90.00	2.000	1707.20	1547.60
251.7	90.0	100.00	1.900	1726.07	1566.47
261.7	90.0	110.00	1.818	1742.83	1583.23
271.7	90.0	120.00	1.750	1758.60	1599.00
281.7	90.0	130.00	1.692	1772.04	1612.44
291.7	90.0	140.00	1.643	1783.43	1623.83
301.7	90.0	150.00	1.600	1794.00	1634.40
311.7	90.0	160.00	1.563	1803.33	1643.73
321.7	90.0	170.00	1.529	1811.52	1651.92
331.7	90.0	180.00	1.500	1819.10	1659.50
341.7	90.0	190.00	1.474	1826.03	1666.43
351.7	90.0	200.00	1.450	1832.42	1672.82
361.7	90.0	210.00	1.429	1838.30	1678.70
371.7	90.0	220.00	1.409	1843.81	1684.21
381.7	90.0	230.00	1.391	1848.82	1689.22
391.7	90.0	240.00	1.375	1853.50	1693.90
398.2	90.0	246.48	1.365	1856.30	1696.70

REMARKS

THE INCREMENTAL DATA, PLOTS AND ANALYSIS ARE FROM THE ELECTRONIC RECORDER
(PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION)
PRESSURE ASCII FILES ARE AVAILABLE ON DISKETTE UPON REQUEST.

PRESSURE TIME



RIG TESTERS, INC.

PATTERSON PETROLEUM L.P.

PADDY "27" STATE # 1

o FIRST SHUT-IN

* SECOND SHUT-IN

RIG TESTERS, INC.

Well Test Report

RigTesters, Inc.
ABILENE - MIDLAND - GRAHAM

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Well identification

Well ID	**PADDY "27" ST.#1**	**Well location**	**N. BUCKEYE**
County/District	**LEA**	**State, Country**	**NEW MEXICO**
Company	**PATTERSON PETR.**	**Division**	**SNYDER**

Fluid properties

Prod/Inj fluid	**WATER**	**GOR**	
Water cut	**100%**	**Condensate yield**	**UNKNOWN**
API gravity		**Gas spec. grav.**	**0.7**
Viscosity	**0.8122 cp**	**Pseudo-critical T**	**382.97 deg R**
Pseudo-critical P	**664.37 psia**	**H2S mole fraction**	**UNKNOWN**
CO2 mole fraction	**UNKNOWN**	**N2 mole fraction**	**UNKNOWN**
Compressibility(t)	**13.641 e-6/psi**	**Formation vol factor**	**1.0083 RB/STB**

Reservoir properties

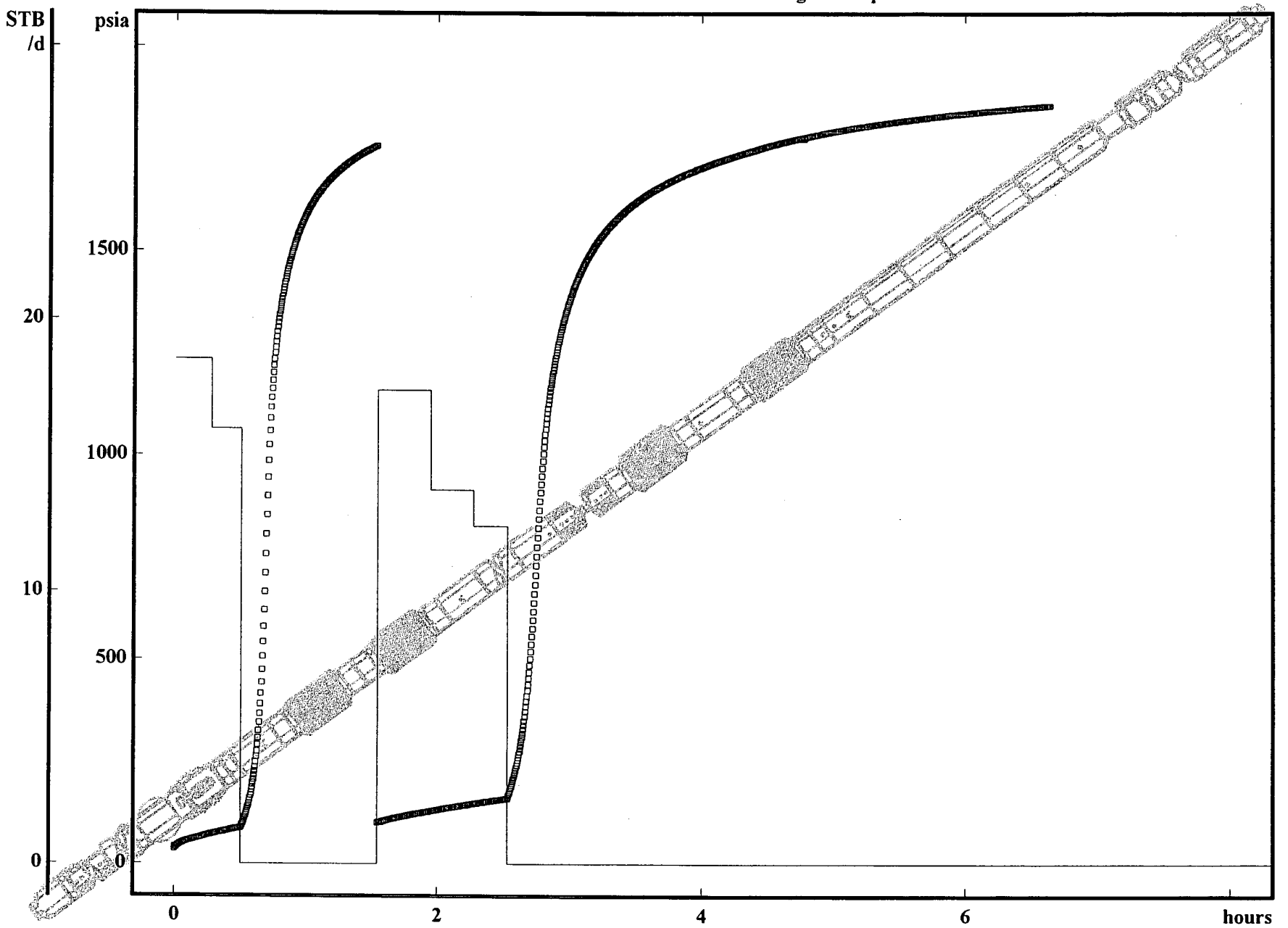
Porosity	**0.12 frac**	**Formation thickness**	**11 ft**
Wellbore radius	**0.32813 ft**	**Prod-observer distance**	**N/A**
Water-Oil Contact	**UNKNOWN**	**Gas-Oil Contact**	**N/A**
Gas-Water Contact	**N/A**	**Rock compressibility**	
Reservoir temperature	**107 deg F**	**Pressure for properties**	**1985 psia**

Comments

THE DERIVATIVES INDICATE A RESERVOIR WITH LOW PERMEABILITY AND NO (NEGATIVE) SKIN. BOTH SHUT-IN PERIODS HAD ACHIEVED RADIAL FLOW AS INDICATED BY THE FLATTENING ON DERIVATIVE CURVES. THE FIXED PARAMETERS USED WERE AN EST. 12% POROSITY, 11 FT. OF NET PAY REPORTED AND AN AVERAGE (TIME WEIGHTED) PRODUCTION OF 14 BBLS. OF WATER FOR THE FINAL FLOW PERIOD. THE RATES WERE BASED ON DENSITY OF FLUID RECOVERED VS. FLOWING PRESSURES. THE TOTAL RADIUS OF INVESTIGATION CALCULATED TO APPROX. 22 FT. FROM WELLBORE.

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Pressure and flow rate vs time during test sequence

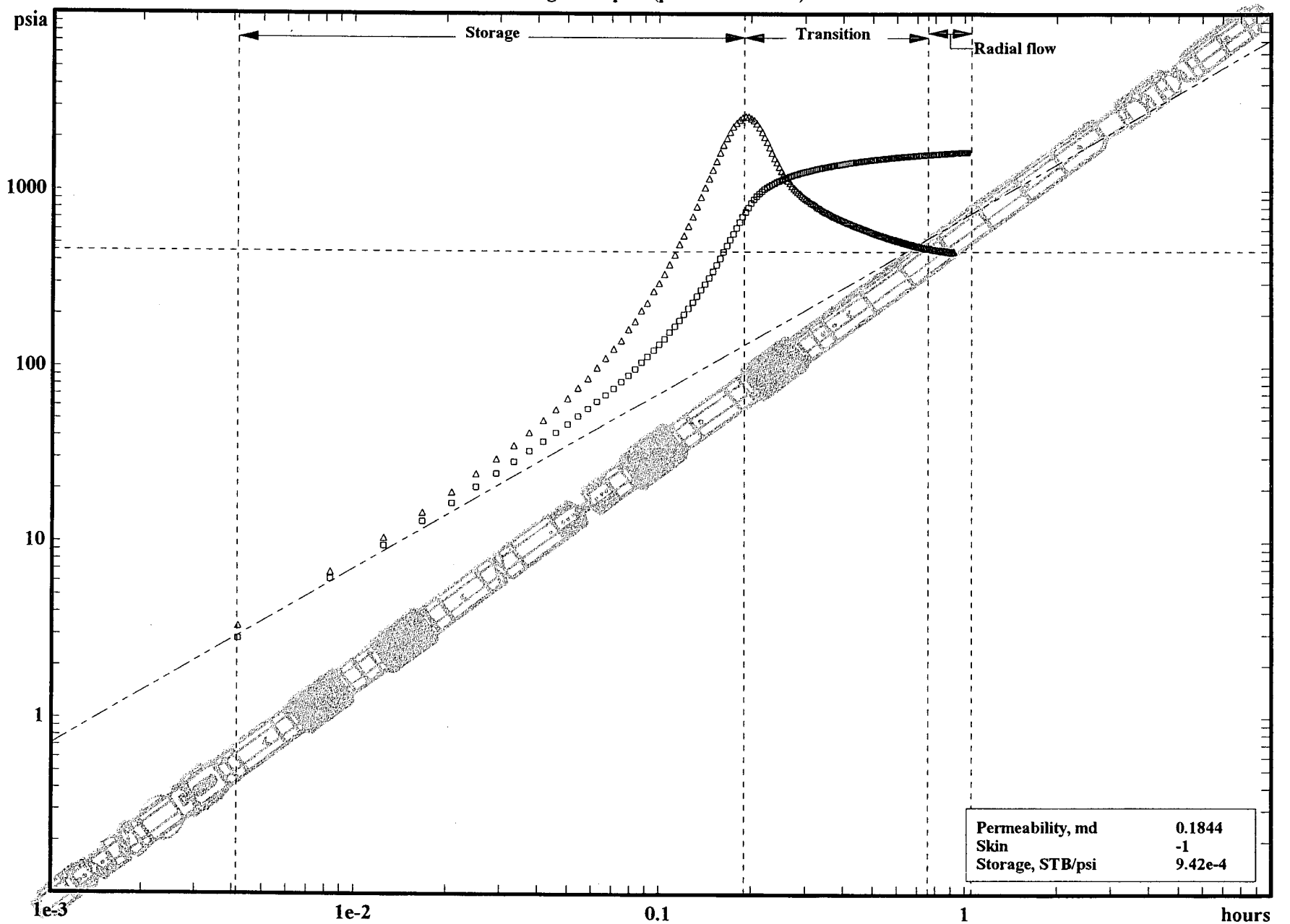


RIG TESTERS, INC.

DST #1 6082 - 6093 FT.; PADDOCK

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Diagnostic plot (pressure & time)

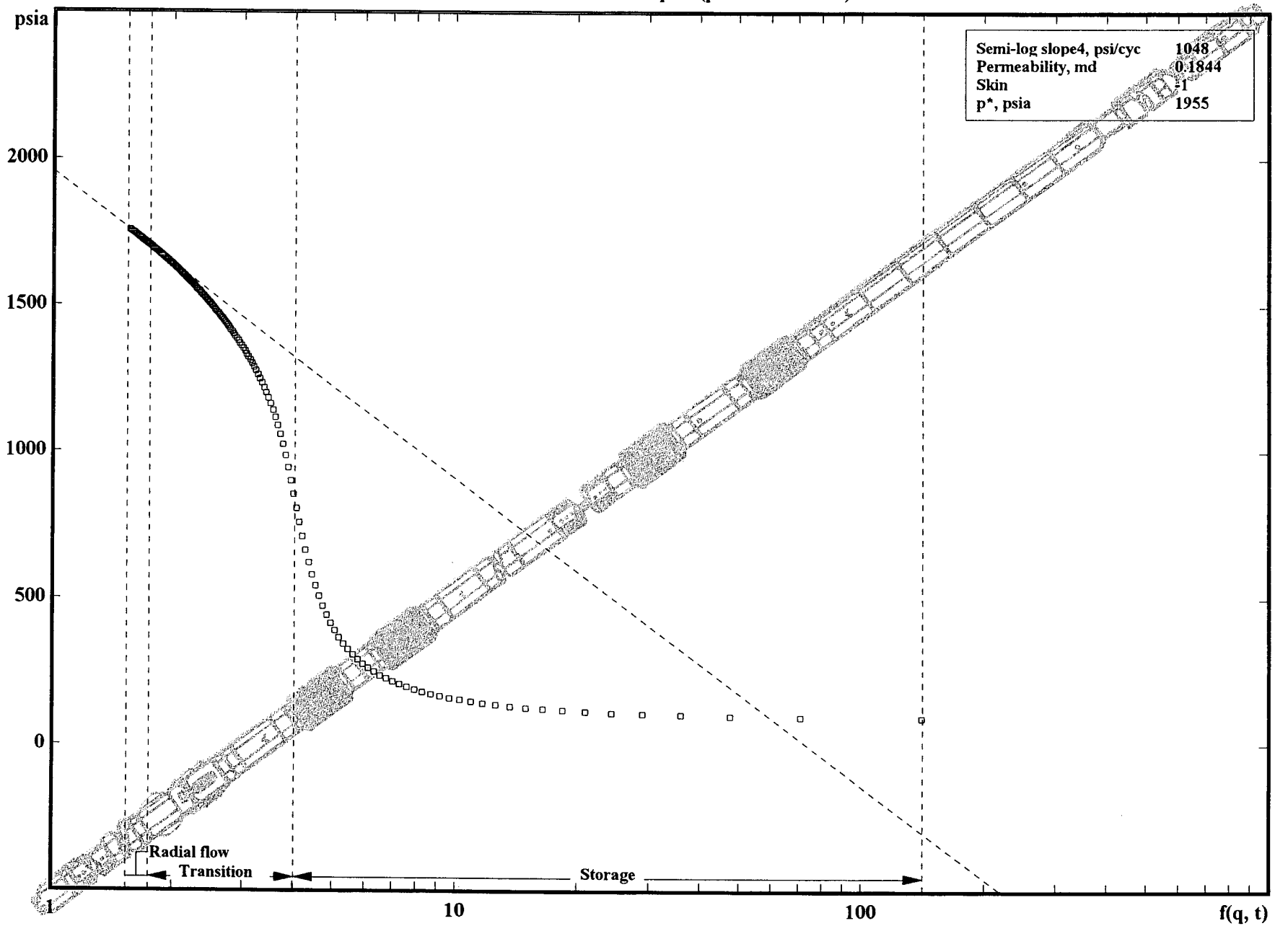


INITIAL SHUT-IN PERIOD DST#1

RIG TESTERS, INC.

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Variable rate Horner plot (pressure & time)

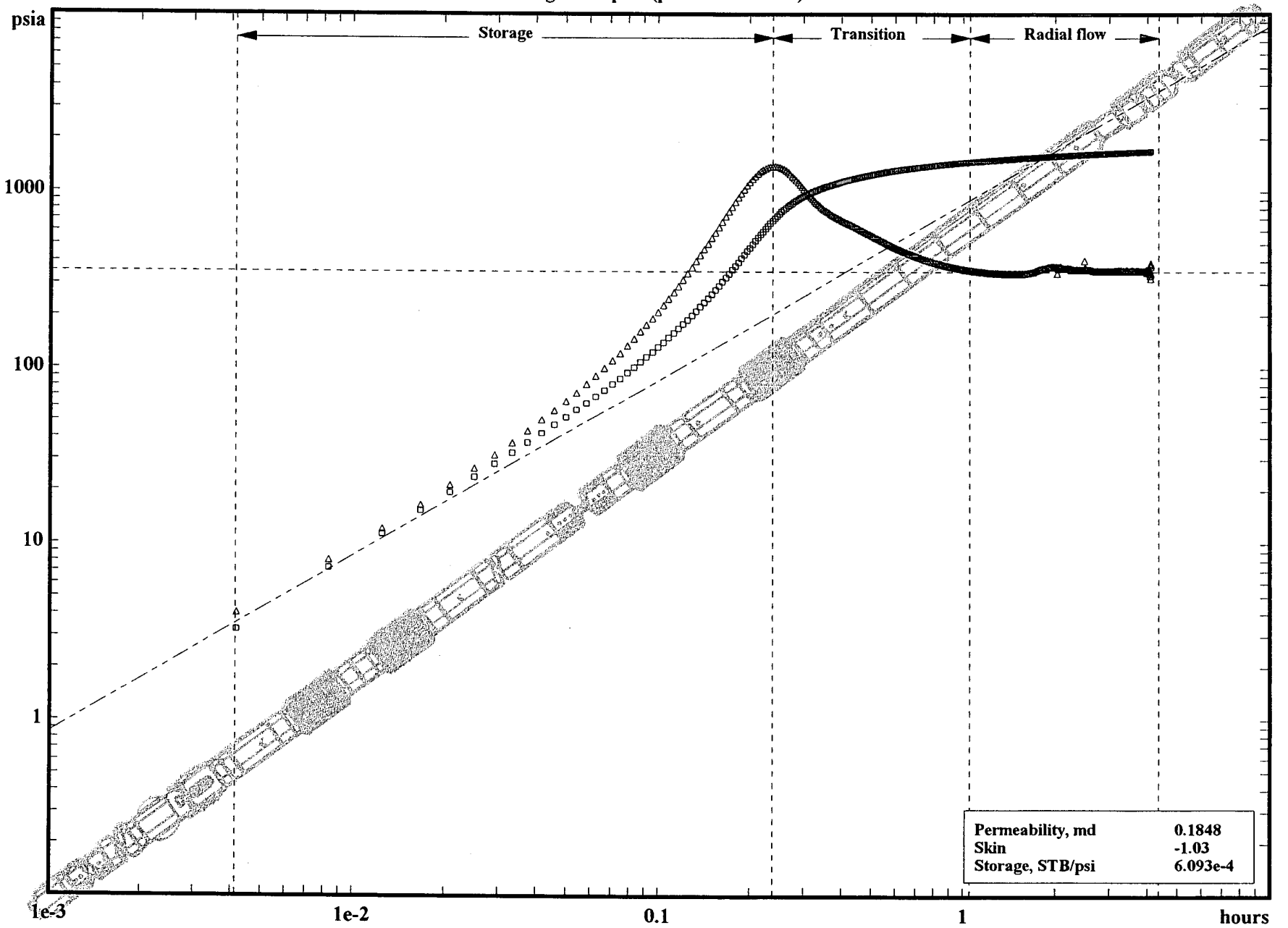


RIG TESTERS, INC.

INITIAL SHUT-IN PERIOD DST#1

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Diagnostic plot (pressure & time)

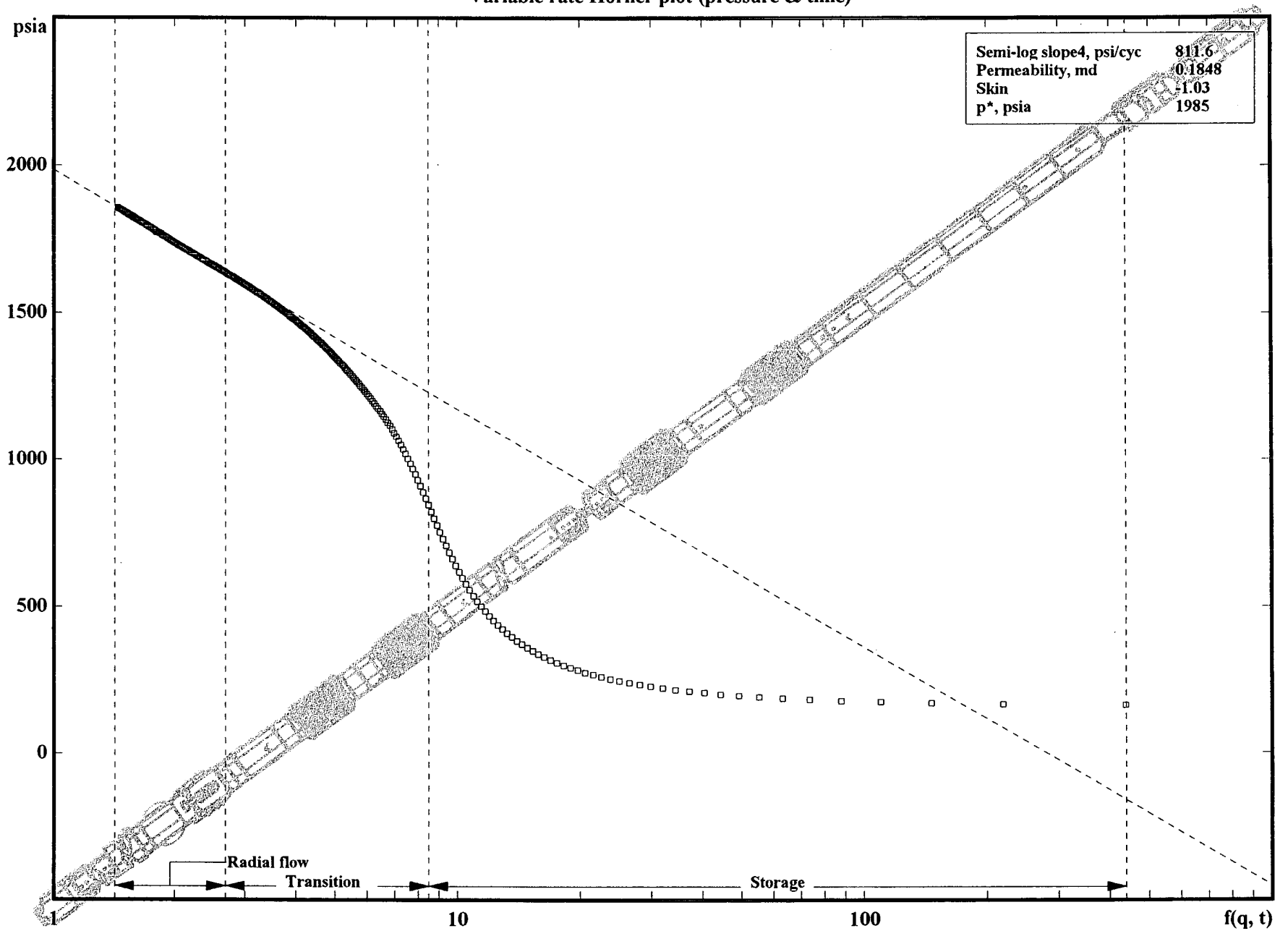


TESTERS, INC.

FINAL SHUT-IN PERIOD DST#1

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Variable rate Horner plot (pressure & time)

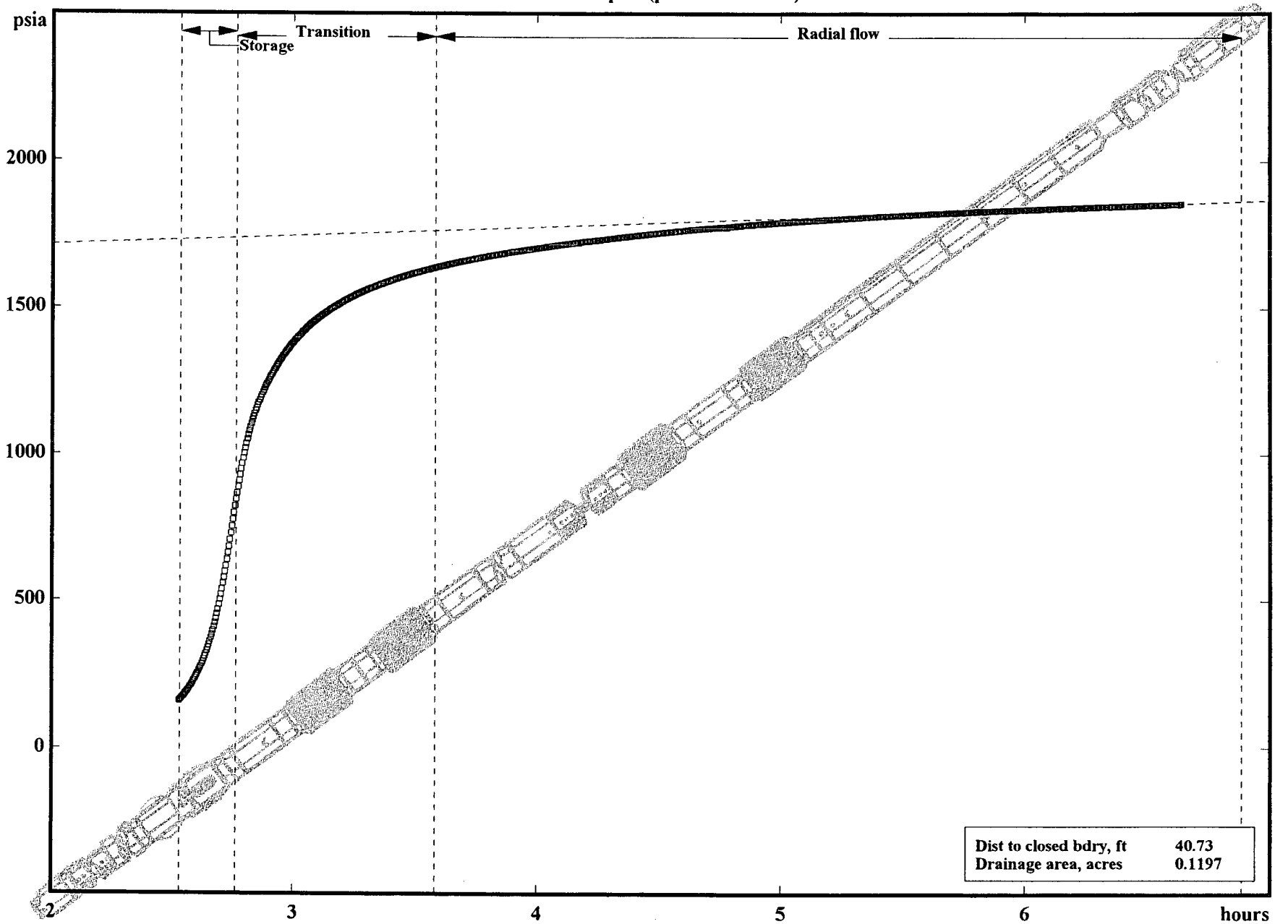


RIG TESTERS, INC.

FINAL SHUT-IN PERIOD DST#1

PATTERSON PETROLEUM L.P. PADDY "27" STATE #1

Cartesian plot (pressure & time)



TESTERS, INC.

FINAL SHUT-IN PERIOD DST#1