

PATTERSON PETROLEUM, INC.

TOMAHAWK STATE "19" # 1
D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

RECORDER NO : 11026

RECORDER CAPACITY : 5025 psi

RECORDER DEPTH : 6190 ft

ELAPSED TIME ---MIN----	TOTAL FLOW TIME, T ---MIN----	INCREMENTAL SHUT-IN TIME, DT ---MIN----	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
FIRST SHUT-IN					
80.4	29.4	51.00	1.576	1030.00	859.60
83.4	29.4	54.00	1.544	1063.73	893.33
86.4	29.4	57.00	1.516	1094.88	924.48
89.4	29.4	60.00	1.490	1122.60	952.20
92.4	29.4	63.00	1.467	1148.30	977.90
93.1	29.4	63.72	1.461	1153.50	983.10
SECOND FLOW					
93.4	29.6			175.90	.00
95.4	31.6			177.92	2.02
97.4	33.6			178.72	2.82
99.4	35.6			179.28	3.38
101.4	37.6			179.80	3.90
103.4	39.6			180.10	4.20
105.4	41.6			180.60	4.70
107.4	43.6			181.10	5.20
109.4	45.6			181.47	5.57
111.4	47.6			182.03	6.13
113.4	49.6			182.20	6.30
115.4	51.6			182.90	7.00
117.4	53.6			183.30	7.40
119.4	55.6			183.64	7.74
121.4	57.6			183.89	7.99
123.4	59.6			184.10	8.20
125.4	61.6			184.12	8.22
127.4	63.6			184.60	8.70
129.4	65.6			184.65	8.75
131.4	67.6			184.92	9.02
133.4	69.6			185.16	9.26
135.4	71.6			185.30	9.40
137.4	73.6			185.44	9.54
139.4	75.6			185.73	9.83
141.4	77.6			185.73	9.83
143.4	79.6			186.33	10.43
145.4	81.6			186.19	10.29
147.4	83.6			186.85	10.95
149.4	85.6			186.60	10.70
151.4	87.6			187.10	11.20
153.4	89.6			187.55	11.65
153.8	90.1			188.00	12.10