

# BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-1237  
PORT OPENING: INSIDE

CAPACITY (PSI): 4700  
BOTTOM HOLE TEMP (F): 142

DEPTH (FT): 7046  
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EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	3073	-1.1
START FLOW	2	33	0.0
END FLOW & START SHUT-IN	3	32	59.6
END SHUT-IN	4	1134	119.9
HYDROSTATIC MUD	5	3064	128.9

## \*\*\*\*\* \* SUMMARY OF FLOW PERIODS \* \*\*\*\*\*

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	59.6	59.6	33	32

## \*\*\*\*\* \* SUMMARY OF SHUT-IN PERIODS \* \*\*\*\*\*

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	59.6	119.9	60.4	32	1134	32	59.6



FIELD REPORT NO. 15494D  
INSTRUMENT NO. J-1237TEST PHASE: FLOW PERIOD # 1  
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ELAPSED TIME (MIN) *****	DELTA TIME (MIN) *****	FLOWING PRESSURE (PSIG) *****
0.0	0.0	33
5.0	5.0	32
10.0	10.0	32
15.0	15.0	32
20.0	20.0	31
25.0	25.0	31
30.0	30.0	31
35.0	35.0	32
40.0	40.0	32
45.0	45.0	32
50.0	50.0	32
55.0	55.0	32
59.6	59.6	32

TEST PHASE: SHUT-IN PERIOD # 1  
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1. FINAL FLOW PRESSURE ["P " ] = 32 PSIG  
 2. PRODUCING TIME ["T " ] = 59.6 MIN  
 P<sup>WF</sup>

ELAPSED TIME (MIN) *****	DELTA TIME ["DT"] (MIN) *****	SHUT-IN PRESSURE ["P " ] (PSIG) *****	LOG [(T +DT)/DT] P *****	DELTA PRESSURE [P - P ] WS WF *****
59.6	0.0	32		0
60.6	1.0	63	1.782	31
61.6	2.0	93	1.488	61
62.6	3.0	122	1.319	91
63.6	4.0	149	1.201	118
64.6	5.0	176	1.111	145
65.6	6.0	202	1.038	171
66.6	7.0	228	0.978	197
67.6	8.0	252	0.927	220
68.6	9.0	275	0.882	244
69.6	10.0	298	0.842	266
71.6	12.0	342	0.775	310
73.6	14.0	384	0.721	352
75.6	16.0	424	0.674	392
77.6	18.0	462	0.634	431
79.6	20.0	499	0.600	468
81.6	22.0	536	0.569	505
83.6	24.0	572	0.542	540
85.6	26.0	607	0.517	576
87.6	28.0	641	0.495	610
89.6	30.0	675	0.475	643

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TEST PHASE: SHUT-IN PERIOD # 1

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1. FINAL FLOW PRESSURE ["P ""] = 32 PSIG

2. PRODUCING TIME ["T ""] = 59.6 MIN  
P

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P ""] (PSIG)	LOG [(T +DT)/DT] P	DELTA PRESSURE [P - P ] WS WF
*****	*****	*****	*****	*****
94.6	35.0	755	0.432	724
99.6	40.0	834	0.396	802
104.6	45.0	909	0.366	878
109.6	50.0	984	0.341	952
114.6	55.0	1056	0.319	1025
119.6	60.0	1129	0.299	1098
119.9	60.4	1134	0.298	1103