

PRESSURE LOG

FIELD REPORT NO. 19632D

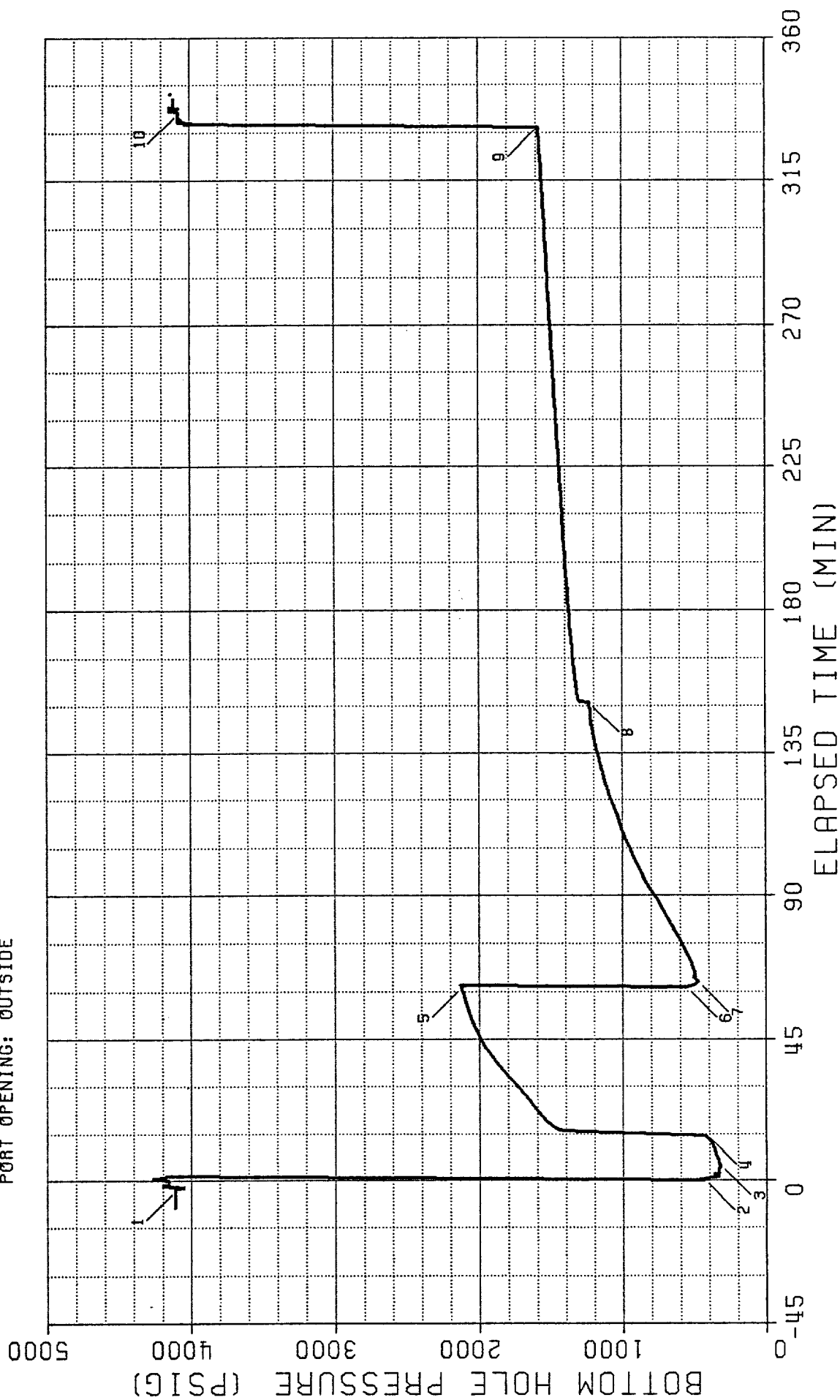
INSTRUMENT:

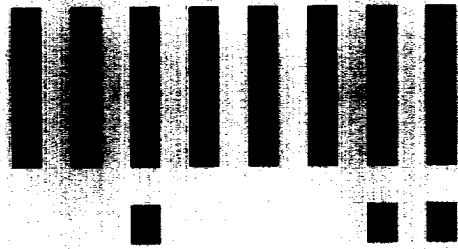
NUMBER: J-015

CAPACITY: 4700 PSI

DEPTH: 7824 FT

PORT OPENING: OUTSIDE





LTR



Job separation sheet

BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-Ø15
PORT OPENING: OUTSIDE

CAPACITY (PSI): 47ØØ
BOTTOM HOLE TEMP (F): 151

DEPTH (FT): 7824
PAGE 1

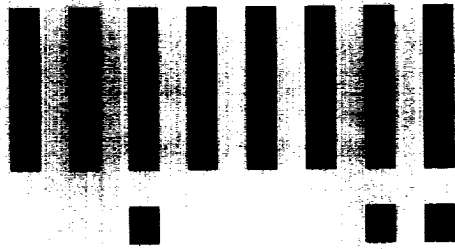
EXPLANATION	LABELLED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	411Ø	-3.3
START FLOW	2	437	Ø.Ø
FLOW POINT	3	323	4.7
END FLOW & START SHUT-IN	4	423	14.4
END SHUT-IN	5	2122	61.2
START FLOW	6	555	61.2
FLOW POINT	7	473	63.Ø
END FLOW & START SHUT-IN	8	1232	151.Ø
END SHUT-IN	9	1583	331.6
HYDROSTATIC MUD	1Ø	4Ø81	336.1

* 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	Ø.Ø	14.4	14.4	437	423
2	61.2	151.Ø	89.7	555	1232

* 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 END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	14.4	61.2	46.8	2122	423	14.4
2	151.Ø	331.6	18Ø.7	1583	1232	1Ø4.2



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Job separation sheet

FIELD REPORT NO. 19632D
INSTRUMENT NO. J-Ø15

TEST PHASE : FLOW PERIOD # 1

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
0.0	0.0	437
5.0	5.0	333
10.0	10.0	368
14.4	14.4	423

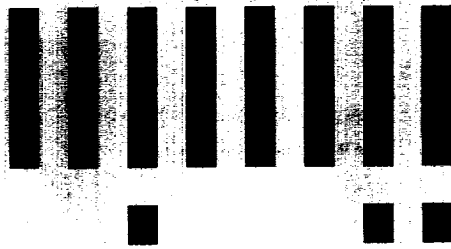
0.0
5.0
10.0
14.4

TEST PHASE : SHUT-IN PERIOD # 1

1. FINAL FLOW PRESSURE ["P"] = 423 PSIG
WF
2. PRODUCING TIME ["T"] = 14.4 MIN
P

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P"] (PSIG)	LOG [(T+DT)/DT] P	DELTA PRESSURE [P - P] WS
14.4	0.0	423	1.188	0
15.4	1.0	1039	0.914	616
16.4	2.0	1455	0.764	1032
17.4	3.0	1495	0.663	1072
18.4	4.0	1522	0.589	1099
19.4	5.0	1544	0.532	1121
20.4	6.0	1564	0.486	1141
21.4	7.0	1582	0.448	1160
22.4	8.0	1600	0.415	1177
23.4	9.0	1617	0.388	1194
24.4	10.0	1633	0.363	1210
26.4	12.0	1668	0.343	1245
28.4	14.0	1704	0.307	1281
30.4	16.0	1744	0.279	1322
32.4	18.0	1785	0.256	1362
34.4	20.0	1825	0.236	1403
36.4	22.0	1863	0.219	1440
38.4	24.0	1897	0.204	1474
40.4	26.0	1928	0.192	1505
42.4	28.0	1956	0.180	1534
44.4	30.0	1981	0.170	1558
49.4	35.0	2034	0.150	1611
54.4	40.0	2077	0.134	1654
59.4	45.0	2111	0.121	1688
61.2	46.8	2122	0.117	1699

0
616
1032
1072
1099
1121
1141
1160
1177
1194
1210
1245
1281
1322
1362
1403
1440
1474
1505
1534
1558
1611
1654
1688
1699



LTR



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INSTRUMENT NO. J-Ø15

TEST PHASE : FLOW PERIOD # 2

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
61.2	Ø.Ø	555
66.2	5.Ø	5Ø1
71.2	1Ø.Ø	542
76.2	15.Ø	6Ø4
81.2	2Ø.Ø	667
86.2	25.Ø	73Ø
91.2	3Ø.Ø	8ØØ
96.2	35.Ø	86Ø
1Ø1.2	4Ø.Ø	913
1Ø6.2	45.Ø	962
111.2	5Ø.Ø	1ØØ7
116.2	55.Ø	1Ø47
121.2	6Ø.Ø	1Ø88
126.2	65.Ø	1124
131.2	7Ø.Ø	1153
136.2	75.Ø	118Ø
141.2	8Ø.Ø	12Ø4
146.2	85.Ø	1223
151.Ø	89.7	1232

TEST PHASE : SHUT-IN PERIOD # 2

1. FINAL FLOW PRESSURE ["P "] = 1232 PSIG
WF
2. PRODUCING TIME ["T "] = 1Ø4.2 MIN
P

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P "] (PSIG)	WS
151.Ø	Ø.Ø	1232	
152.Ø	1.Ø	13Ø7	
153.Ø	2.Ø	1312	
154.Ø	3.Ø	1316	
155.Ø	4.Ø	132Ø	
156.Ø	5.Ø	1323	
157.Ø	6.Ø	1326	
158.Ø	7.Ø	1328	
159.Ø	8.Ø	1331	
16Ø.Ø	9.Ø	1333	
161.Ø	1Ø.Ø	1336	
163.Ø	12.Ø	1341	
165.Ø	14.Ø	1345	
167.Ø	16.Ø	1349	
169.Ø	18.Ø	1353	

LOG [(T +DT)/DT]	DELTA PRESSURE ["P - P "]
2.Ø22	WS
1.725	WF
1.553	
1.432	
1.339	
1.264	
1.2Ø1	
1.147	
1.Ø99	
1.Ø58	
Ø.986	
Ø.926	
Ø.876	
Ø.832	

WS	WS
Ø	Ø
75	75
81	81
84	84
88	88
91	91
94	94
96	96
99	99
1Ø2	1Ø2
1Ø4	1Ø4
1Ø9	1Ø9
113	113
117	117
122	122