

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DaMar Res Inc
234 W 11th Ste A
Hays KS 67601
ATTN: Dan Schippers

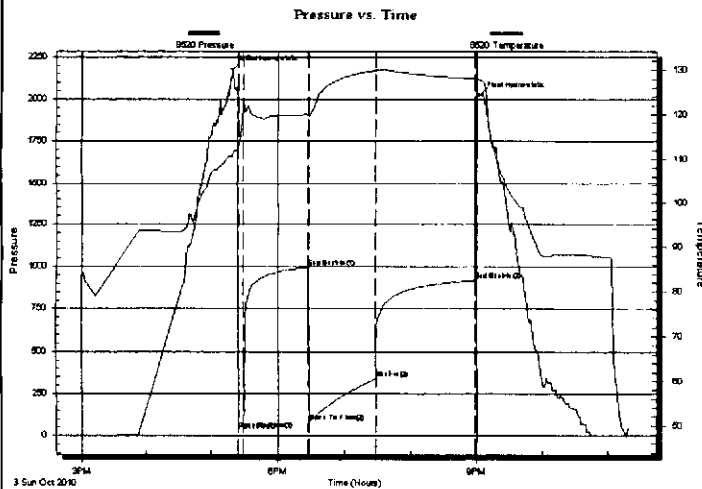
Petersille #1
14-20-24 Ness, KS
Job Ticket: 040356 DST#: 1
Test Start: 2010.10.03 @ 15:00:40

GENERAL INFORMATION:

Formation: Ft Scott	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Dan Bangle
Time Tool Opened: 17:23:55	Unit No: 38
Time Test Ended: 23:19:40	Reference Elevations: 2335.00 ft (KB)
Interval: 4271.00 ft (KB) To 4326.00 ft (KB) (TVD)	2330.00 ft (CF)
Total Depth: 4326.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good

Serial #: 8520 Outside	Capacity: 8000.00 psig
Press@RunDepth: 338.10 psig @ 4276.00 ft (KB)	Last Calib.: 2010.10.03
Start Date: 2010.10.03 End Date: 2010.10.03	Time On Btm: 2010.10.03 @ 17:18:40
Start Time: 15:00:41 End Time: 23:19:40	Time Off Btm: 2010.10.03 @ 21:02:40

TEST COMMENT: IF-Strong B-B in 4.5 min
IS- No blow back
FF-Strong B-B in 3
FSI-Strong B-B in 30 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.26	110.56	Initial Hydro-static
6	36.30	111.30	Open To Flow (1)
11	78.27	122.11	Shut-In(1)
69	992.86	119.91	End Shut-In(1)
70	82.23	119.52	Open To Flow (2)
130	338.10	129.84	Shut-In(2)
220	919.44	128.12	End Shut-In(2)
224	2025.89	127.73	Final Hydro-static

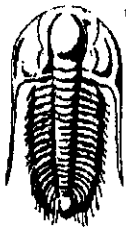
Recovery

Length (ft)	Description	Volume (bbl)
370.00	Mdy Wtr 90%w 10%m	4.66
62.00	Sltty OCGsyM 10%g 3%o 87%m	0.87
185.00	O&GCM 30%g 10%o 60%m	2.60
62.00	Gsy Mud 30%g 70%m	0.87
0.00	930 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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FLUID SUMMARY

DaMar Res Inc

Petersille #1

234 W 11th Ste A
Hays KS 67601

14-20-24 Ness,KS

Job Ticket: 040356

DST#: 1

ATTN: Dan Schippers

Test Start: 2010.10.03 @ 15:00:40

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in*

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
370.00	Mdy Wtr 90%w 10%m	4.662
62.00	Sltty OCGsyM 10%g 3%o 87%m	0.870
185.00	O&GCM 30%g 10%o 60%m	2.595
62.00	Gsy Mud 30%g 70%m	0.870
0.00	930 GIP	0.000

Total Length: 679.00 ft Total Volume: 8.997 bbf

Num Fluid Samples: 0

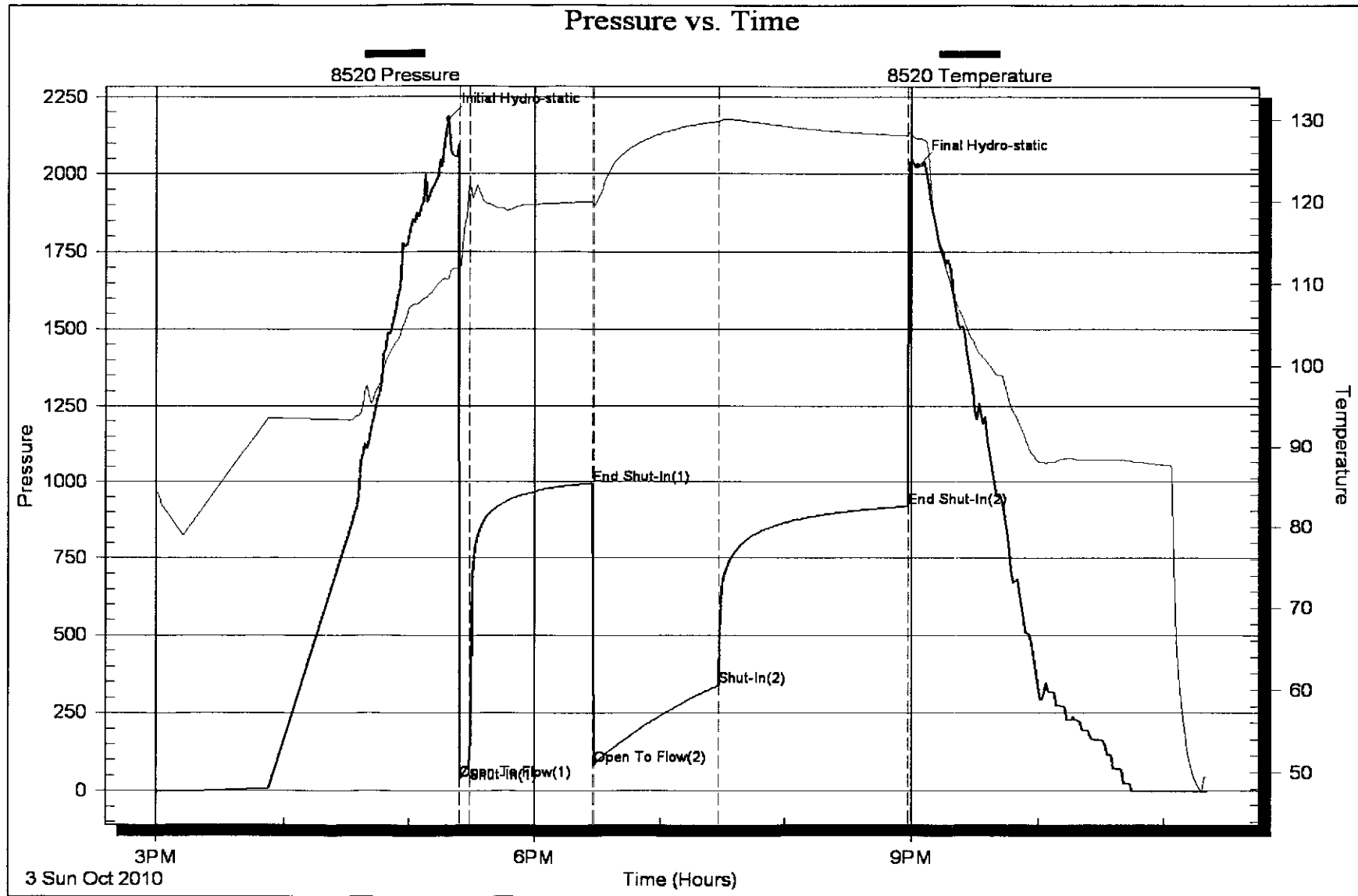
Num Gas Bombs: 0

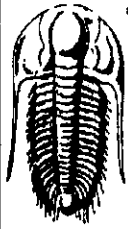
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .19 @ 75 = 38000





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DRILL STEM TEST REPORT

DaMar Res Inc
234 W 11th Ste A
Hays KS 67601
ATTN: Dan Schippers

Petersille #1
14-20-24 Ness,KS
Job Ticket: 040357 DST#: 2
Test Start: 2010.10.04 @ 12:11:41

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:06:56
Time Test Ended: 18:18:56

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: **4335.00 ft (KB) To 4427.00 ft (KB) (TVD)**
Total Depth: **4427.00 ft (KB) (TVD)**
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2335.00 ft (KB)
2330.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8354

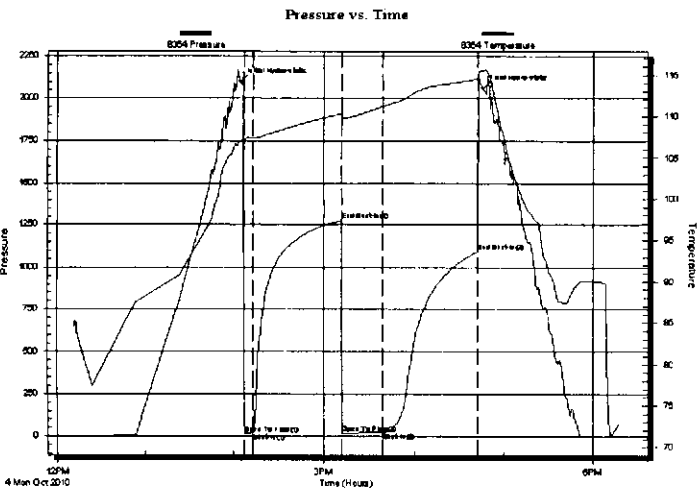
Inside

Press@RunDepth: 24.11 psig @ 4340.00 ft (KB)
Start Date: 2010.10.04 End Date: 2010.10.04
Start Time: 12:11:42 End Time: 18:18:56

Capacity: 8000.00 psig
Last Calib.: 2010.10.04
Time On Btm: 2010.10.04 @ 14:04:11
Time Off Btm: 2010.10.04 @ 16:45:26

TEST COMMENT: IF-Weak building to 1/2"

FF-Weak steady surface blow



PRESSURE SUMMARY

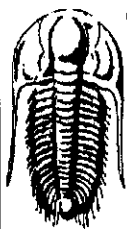
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.71	106.91	Initial Hydro-static
3	15.51	106.61	Open To Flow (1)
9	16.58	107.39	Shut-In(1)
68	1274.94	110.34	End Shut-In(1)
68	18.36	109.78	Open To Flow (2)
95	24.11	111.17	Shut-In(2)
159	1093.46	114.52	End Shut-In(2)
162	2060.74	115.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
19.00	Drig Mud	0.27
1.00	CO	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

DaMar Res Inc

Petersille #1

234 W 11th Ste A
Hays KS 67601

14-20-24 Ness,KS

Job Ticket: 040357

DST#: 2

ATTN: Dan Schippers

Test Start: 2010.10.04 @ 12:11:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in*

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
19.00	Drig Mud	0.267
1.00	CO	0.014

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

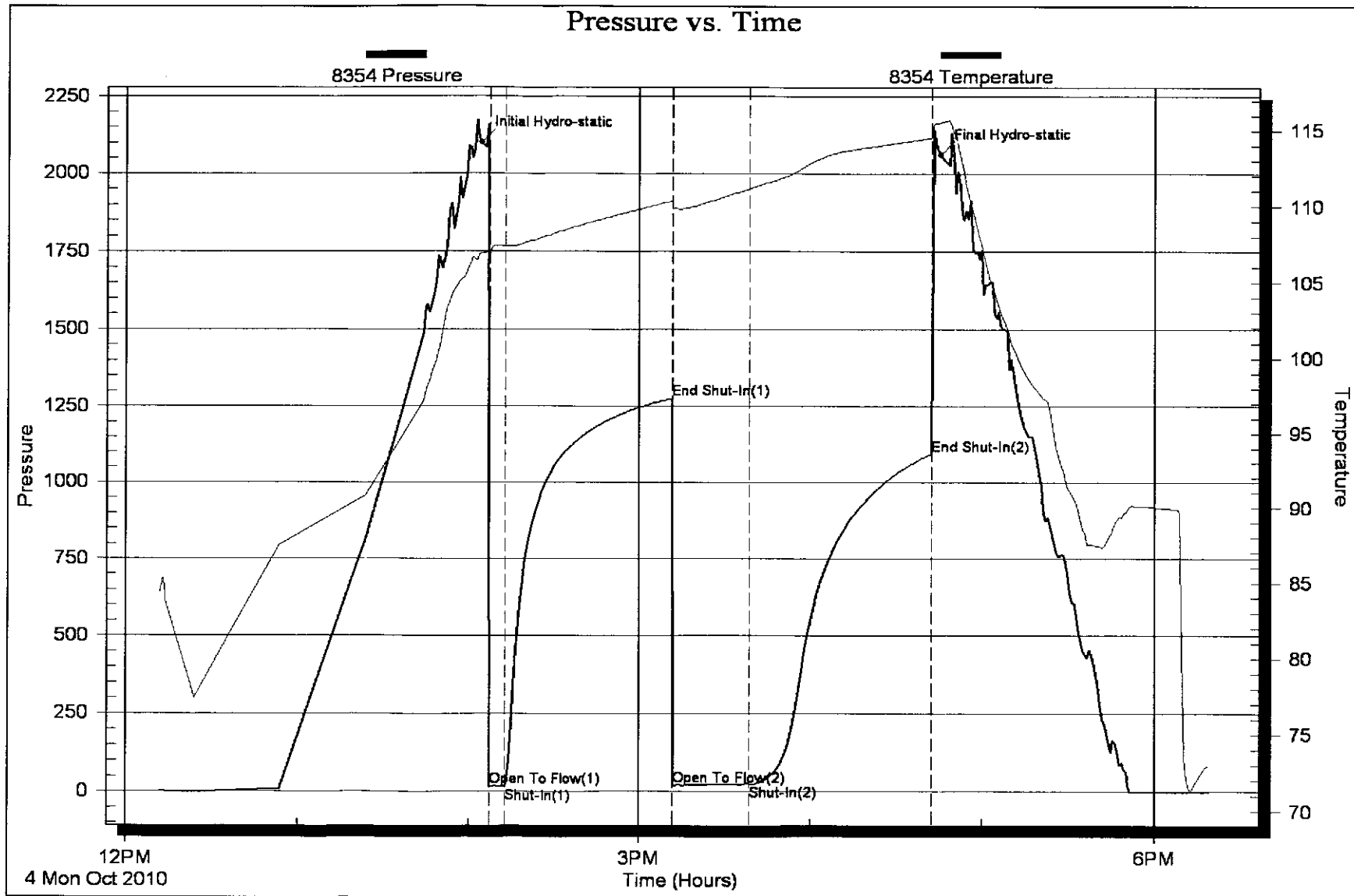
Num Gas Bombs: 0

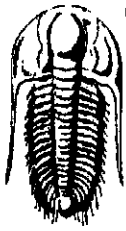
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Res Inc

Petersille #1

234 W 11th Ste A
Hays KS 67601

14-20-24 Ness,KS

Job Ticket: 040358

DST#: 3

ATTN: Dan Schippers

Test Start: 2010.10.05 @ 00:07:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
145.00	OCM 30%o 70%m	2.034
50.00	CO	0.701
0.00	155 GIP	0.000

Total Length: 195.00 ft

Total Volume: 2.735 bbf

Num Fluid Samples: 0

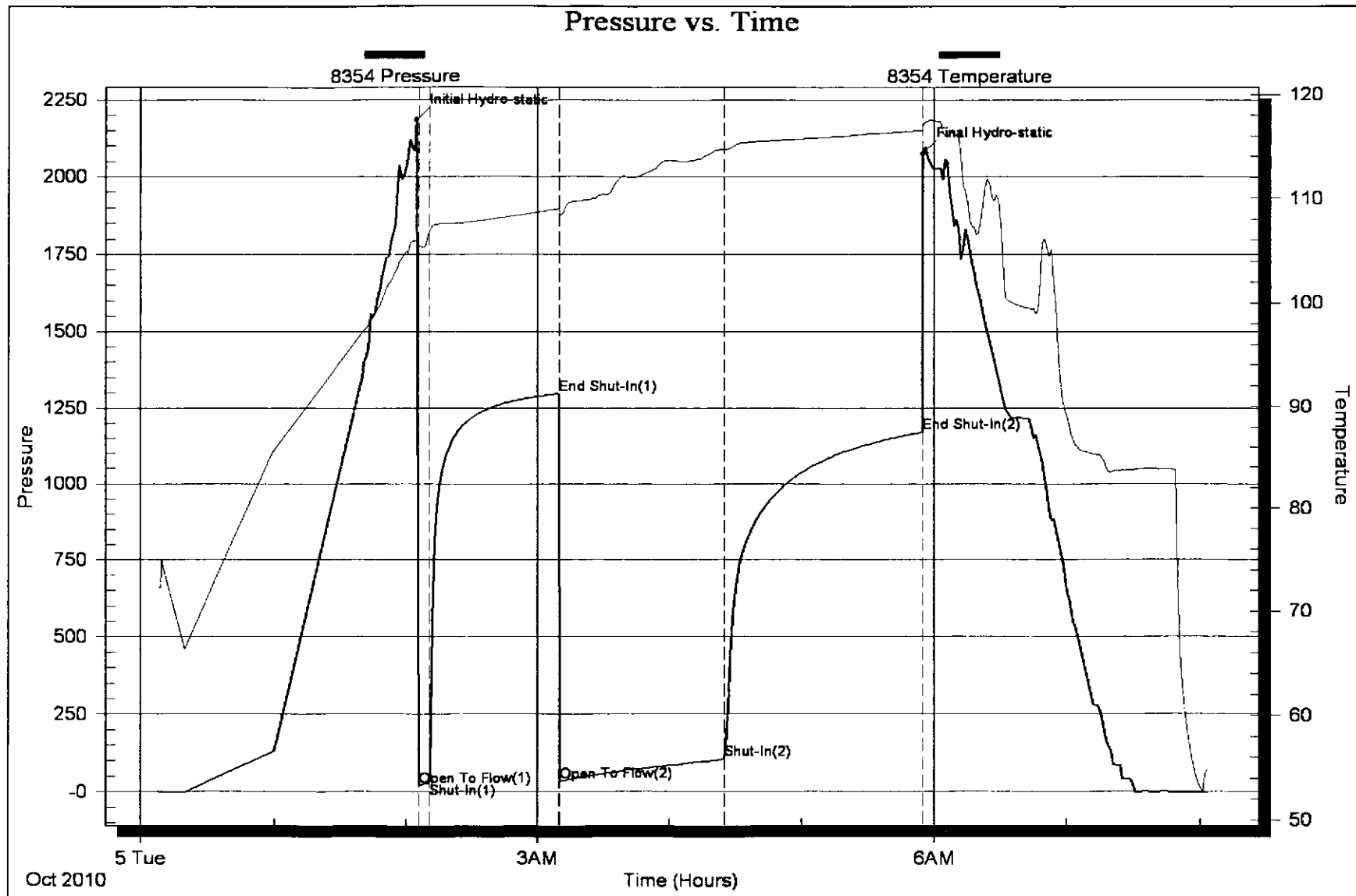
Num Gas Bombs: 0

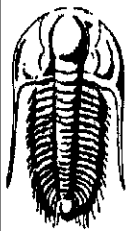
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Res Inc

Petersille #1

234 W 11th Ste A
Hays KS 67601

14-20-24 Ness, KS

Job Ticket: 040359

DST#: 4

ATTN: Dan Schippers

Test Start: 2010.10.05 @ 13:53:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	Sltly OCGsyM 5%g 3%o 92%m	2.525
0.00	60 GIP	0.000

Total Length: 180.00 ft

Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

