

TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Suite 6 Oviedo FL 32763

ATTN: Brad Rine

Don Thorp 2-23

23/33/31

Job Ticket: 40294

DST#: 1

Test Start: 2010.10.31 @ 02:45:00

GENERAL INFORMATION:

Formation: **Council Grove**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:42:35

Time Test Ended: 10:16:35

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 3020.00 ft (KB) To 3092.00 ft (KB) (TVD)

Total Depth: 3092.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2756.00 ft (KB)

2746.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press@RunDepth: 184.22 psig @ 3023.00 ft (KB)

Start Date: 2010.10.31

End Date:

2010.10.31

Capacity: 8000.00 psig

Last Calib.: 2010.10.31

Start Time: 02:45:05

End Time:

10:16:35

Time On Btm: 2010.10.31 @ 04:38:45

Time Off Btm: 2010.10.31 @ 08:21:30

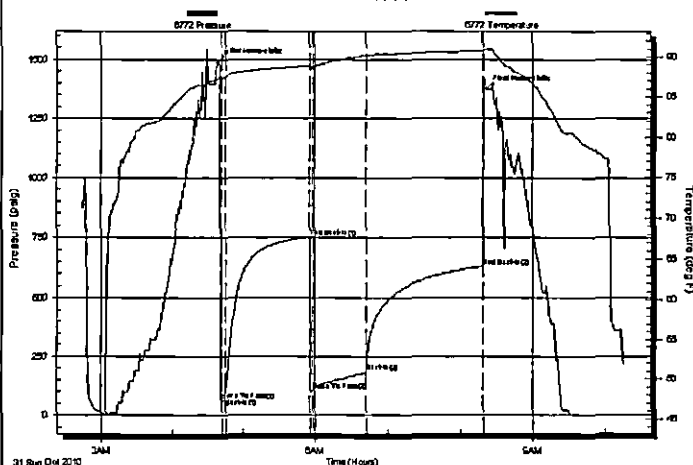
TEST COMMENT: IF- Strong blow BOB ASAO.

IS- No blow back.

FF- Strong blow BOB, ASAO, GTS 50min. To small to measure.

FSI- Weak blow back.

Pressure vs. Time



PRESSURE SUMMARY

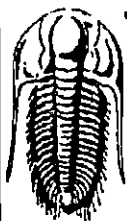
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1485.23	87.21	Initial Hydro-static
4	60.42	87.22	Open To Flow (1)
7	68.83	87.51	Shut-In(1)
78	750.74	88.90	End Shut-In(1)
80	104.87	88.78	Open To Flow (2)
124	184.22	90.15	Shut-In(2)
221	631.68	90.76	End Shut-In(2)
223	1375.63	90.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	10%gas 90%mud	1.48

Gas Rates

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

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40294

DST#: 1

ATTN: Brad Rine

Test Start: 2010.10.31 @ 02:45:00

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	10%gas 90%mud	1.475

Total Length: 300.00 ft

Total Volume: 1.475 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

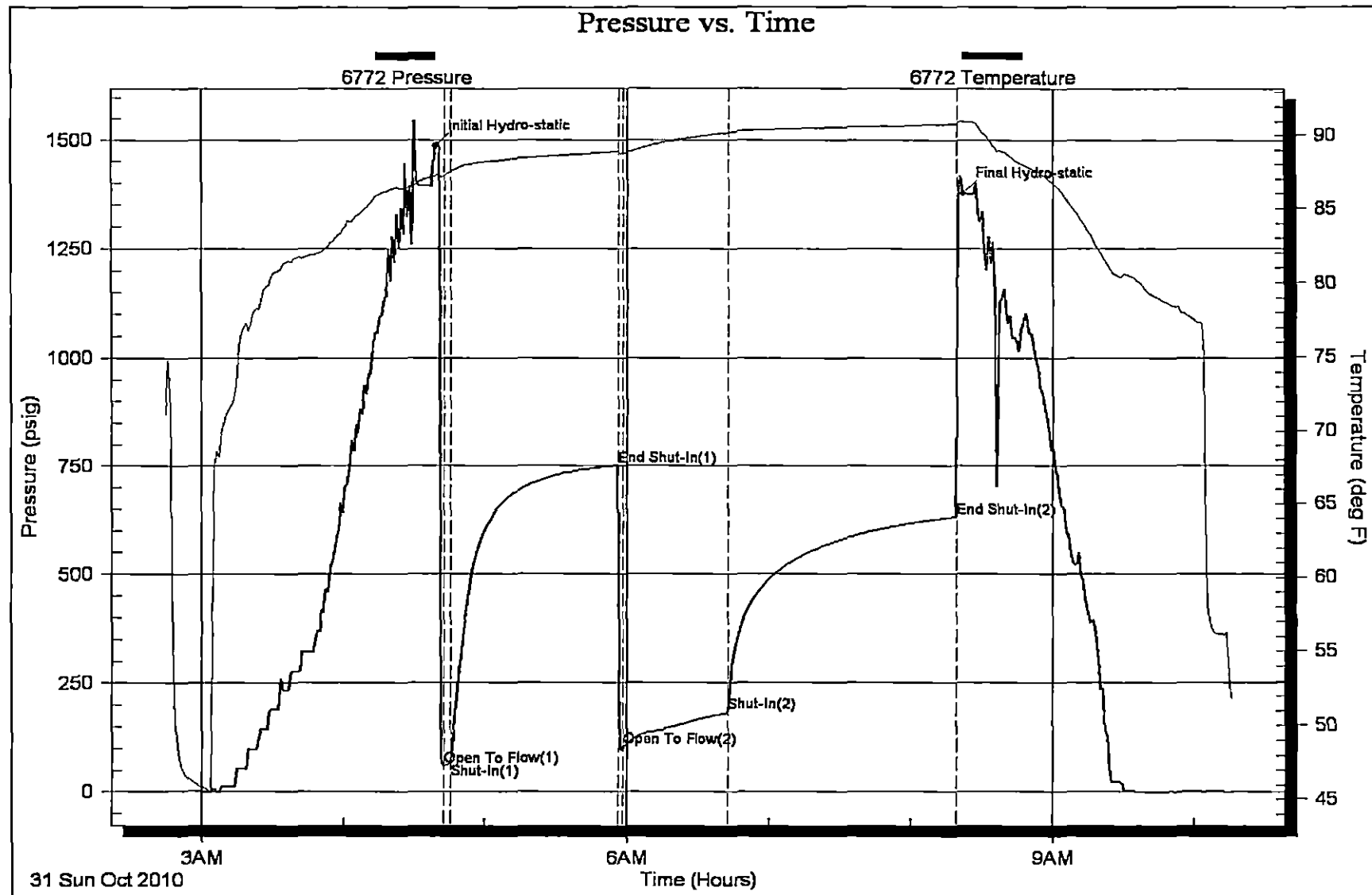
Laboratory Name:

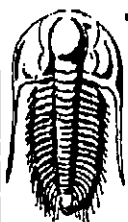
Laboratory Location:

Recovery Comments:

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DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

ATTN: Brad Rine

Don Thorp 2-23

23/33/31

Job Ticket: 40295

DST#: 2

Test Start: 2010.11.03 @ 07:00:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 09:06:25

Time Test Ended: 14:18:50

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **4304.00 ft (KB) To 4330.00 ft (KB) (TVD)**

Total Depth: **4330.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2756.00 ft (KB)**

2746.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 **Outside**

Press@RunDepth: **1119.64 psig @ 4306.00 ft (KB)**

Start Date: **2010.11.03**

End Date:

2010.11.03

Start Time: **07:00:05**

End Time:

14:18:50

Capacity: **8000.00 psig**

Last Calib.: **2010.11.03**

Time On Btm: **2010.11.03 @ 09:00:10**

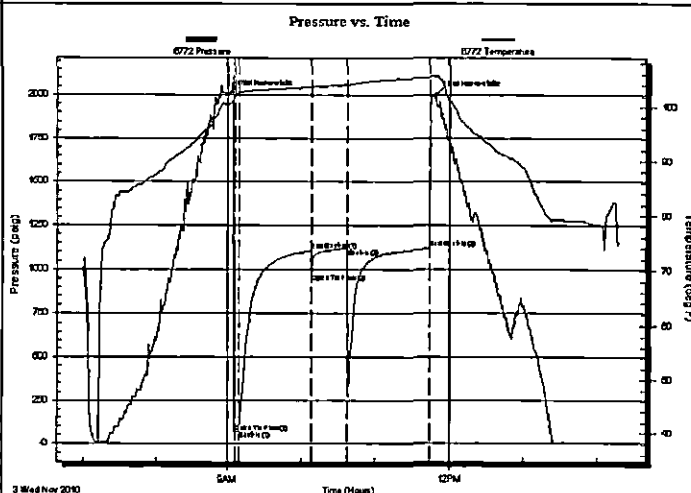
Time Off Btm: **2010.11.03 @ 11:48:50**

TEST COMMENT: IF- Good blow BOB 30sec.

IS- No blow back.

FF- Weak blow that died after 14min.

FS- No blow back.



PRESSURE SUMMARY

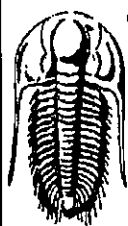
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.46	100.57	Initial Hydro-static
7	62.53	102.22	Open To Flow (1)
10	70.97	102.66	Shut-In(1)
69	1107.01	103.72	End Shut-In(1)
69	930.50	103.70	Open To Flow (2)
98	1119.64	104.16	Shut-In(2)
165	1118.34	105.53	End Shut-In(2)
169	2001.17	105.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% mud	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40295

DST#: 2

ATTN: Brad Rine

Test Start: 2010.11.03 @ 07:00:00

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100% mud	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

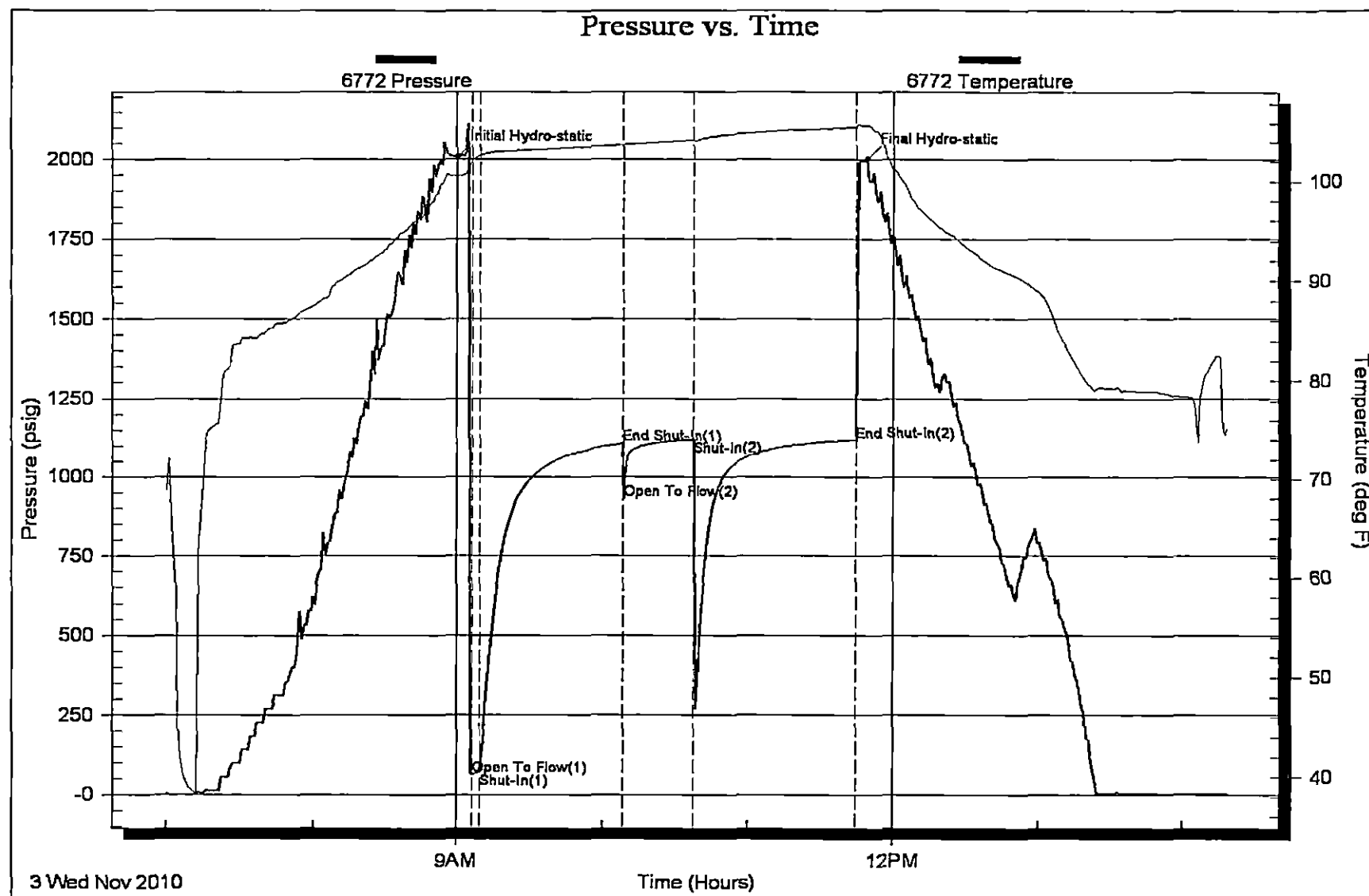
Laboratory Location:

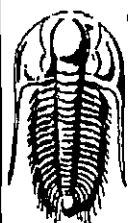
Recovery Comments: Tool plugged on 2nd opening.

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DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

ATTN: Brad Rine

Don Thorp 2-23

23/33/31

Job Ticket: 40296

DST#: 3

Test Start: 2010.11.04 @ 12:45:00

GENERAL INFORMATION:

Formation: **KC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:55:05

Time Test Ended: 21:41:19

Interval: **4474.00 ft (KB) To 4505.00 ft (KB) (TVD)**

Total Depth: **4505.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Reference Elevations: **2756.00 ft (KB)**

2746.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6772

Inside

Press@RunDepth: **559.83 psig @ 4476.00 ft (KB)**

Start Date: **2010.11.04**

End Date:

2010.11.04

Capacity: **8000.00 psig**

Last Calib.: **2010.11.04**

Start Time: **12:45:05**

End Time:

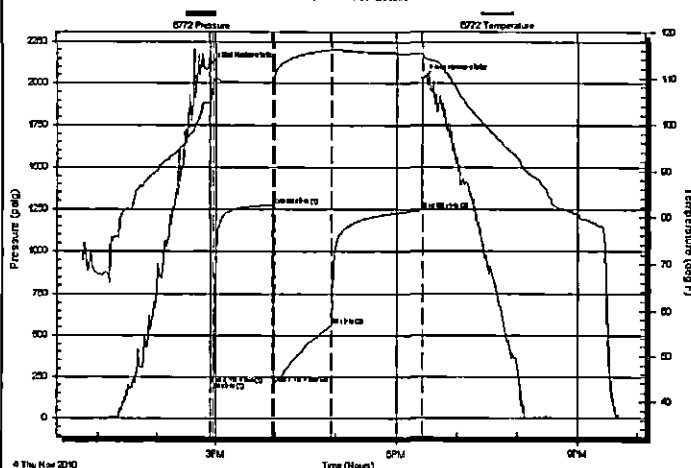
21:41:20

Time On Btm: **2010.11.04 @ 14:52:55**

Time Off Btm: **2010.11.04 @ 18:26:20**

TEST COMMENT: IF- Strong blow BOB 1min.
IS- No blow back.
FF- Strong blow BOB ASAO.
FS- GTS after shut in 10" blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.15	104.74	Initial Hydro-static
3	201.54	105.13	Open To Flow (1)
6	216.65	109.13	Shut-In(1)
65	1271.02	109.21	End Shut-In(1)
67	209.54	110.47	Open To Flow (2)
124	559.83	116.11	Shut-In(2)
213	1239.41	115.29	End Shut-In(2)
214	2029.22	115.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
650.00	Trace of oil,gas,mud. 100% w water	3.27
500.00	10%oil 15%gas75%water trace of mud	7.01

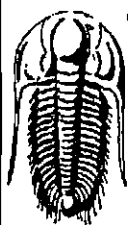
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40296

DST#: 3

ATTN: Brad Rine

Test Start: 2010.11.04 @ 12:45:00

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
650.00	Trace of oil,gas,mud, 100% w ater	3.269
500.00	10%oil 15%gas75%w ater trace of mud	7.014

Total Length: 1150.00 ft Total Volume: 10.283 bbl

Num Fluid Samples: 0

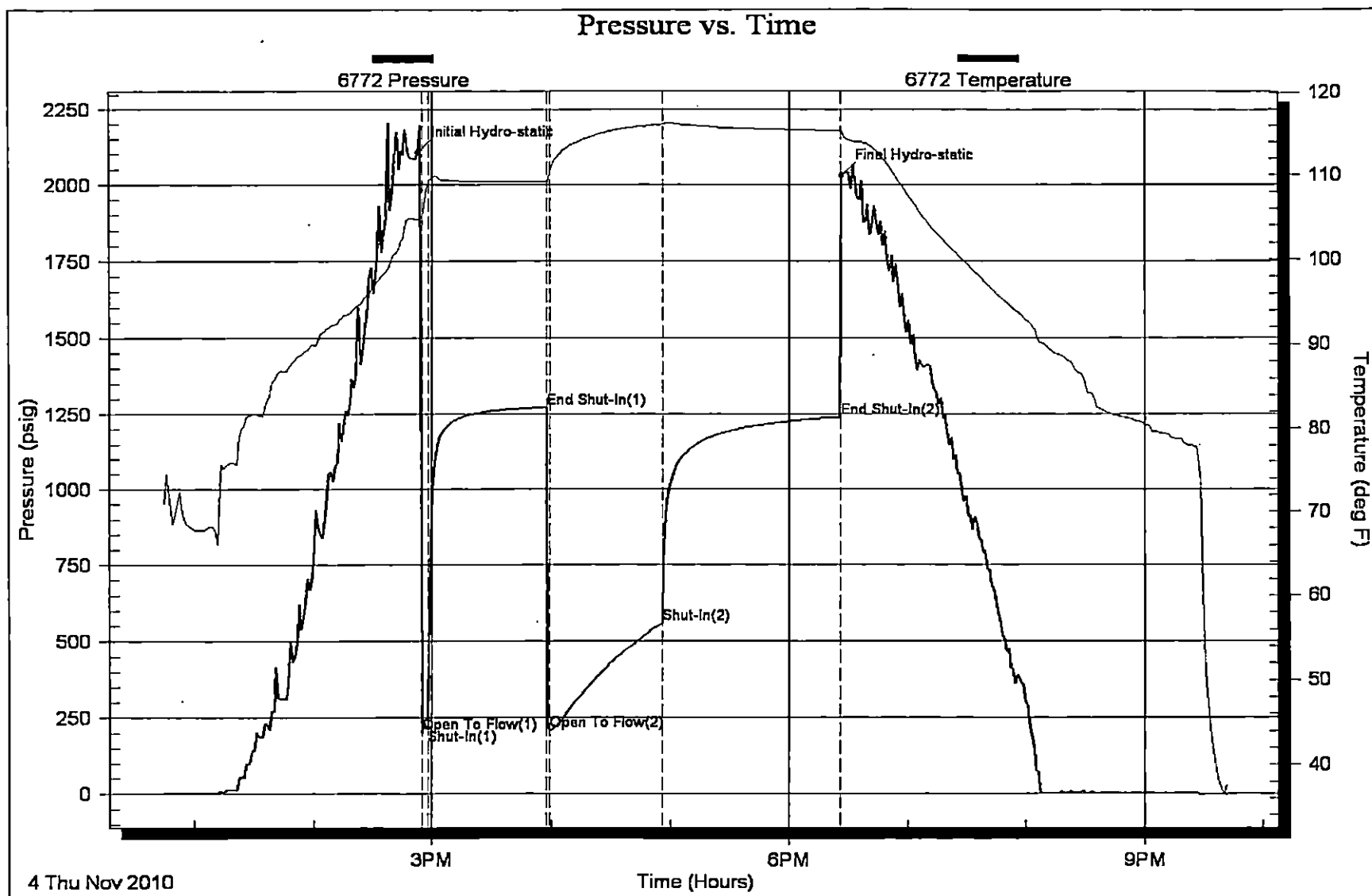
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1.3 RW @ 45= 11000 Water Salinity



4 Thu Nov 2010

Time (Hours)

6PM

9PM

Temperature (deg F)

120

110

100

90

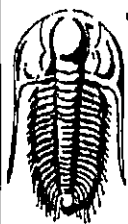
80

70

60

50

40



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DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Suite 6 Oviedo FL 32763

ATTN: Brad Rine

Don Thorp 2-23

23/33/31

Job Ticket: 40297

DST#: 4

Test Start: 2010.11.05 @ 20:45:00

GENERAL INFORMATION:

Formation: **Drum 2**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:51:45

Time Test Ended: 05:05:50

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4679.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2756.00 ft (KB)

2746.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press@RunDepth: 914.14 psig @ 4682.00 ft (KB)

Start Date: 2010.11.05

End Date:

2010.11.06

Start Time: 20:45:05

End Time:

05:05:50

Capacity: 8000.00 psig

Last Calib.: 2010.11.06

Time On Btm: 2010.11.05 @ 22:49:40

Time Off Btm: 2010.11.06 @ 02:15:30

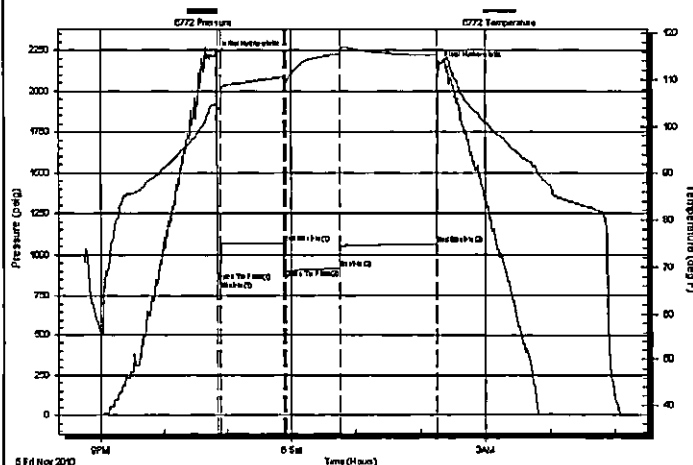
TEST COMMENT: IF- Strong blow BOB ASAO, GTS 3min.

IS- No blow back.

FF- Strong blow BOB GTS, ASAO.

FS- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.17	104.90	Initial Hydro-static
3	836.51	103.66	Open To Flow (1)
5	839.97	104.25	Shut-In (1)
64	1070.13	110.56	End Shut-In (1)
66	856.39	109.39	Open To Flow (2)
116	914.14	115.46	Shut-In (2)
206	1062.39	115.26	End Shut-In (2)
206	2160.99	113.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	Gassy Mud	0.47

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	125.00	4007.59
Last Gas Rate	1.00	125.00	4007.59
Max. Gas Rate	1.00	125.00	4007.59



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40297

DST#: 4

ATTN: Brad Rine

Test Start: 2010.11.05 @ 20:45:00

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	Gassy Mud	0.467

Total Length: 95.00 ft

Total Volume: 0.467 bbl

Num Fluid Samples: 0

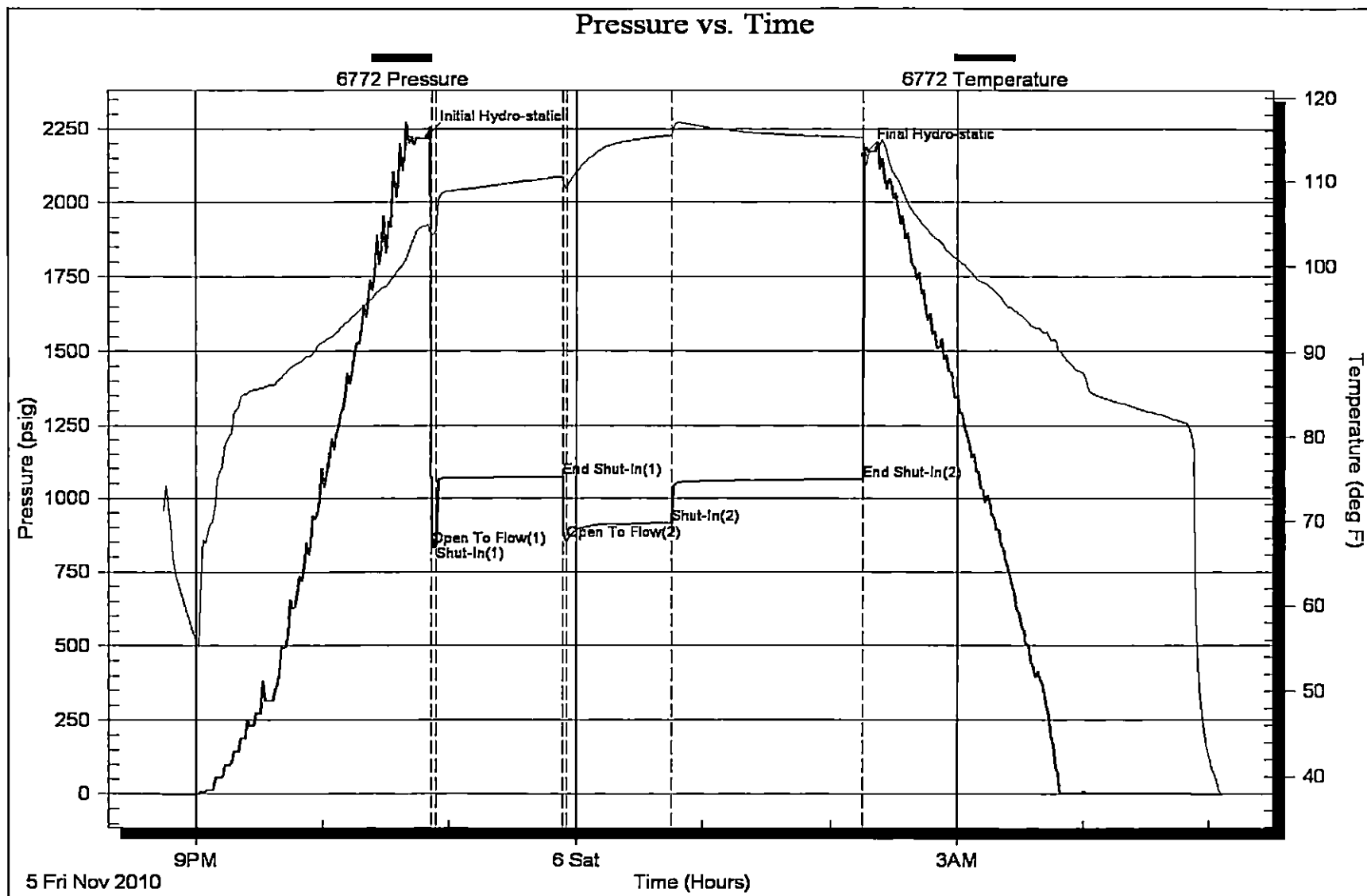
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40298

DST#: 5

ATTN: Brad Rine

Test Start: 2010.11.07 @ 02:30:00

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	5%water10%oil40%gas45%mud	0.885

Total Length: 180.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name:

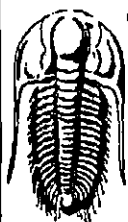
Laboratory Location:

Recovery Comments:

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DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

ATTN: Brad Rine

Don Thorp 2-23

23/33/31

Job Ticket: 40298

DST#: 5

Test Start: 2010.11.07 @ 02:30:00

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:48:40

Time Test Ended: 11:45:00

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4884.00 ft (KB) To 4894.00 ft (KB) (TVD)

Total Depth: 4894.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2756.00 ft (KB)

2746.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press@RunDepth: 68.39 psig @ 4886.00 ft (KB)

Start Date: 2010.11.07

End Date:

2010.11.07

Start Time: 02:30:05

End Time:

11:45:00

Capacity: 8000.00 psig

Last Calib.: 2010.11.07

Time On Btm: 2010.11.07 @ 04:43:05

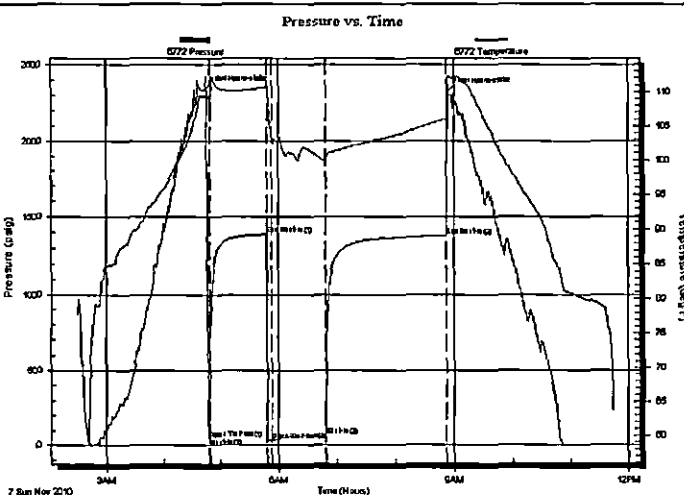
Time Off Btm: 2010.11.07 @ 08:53:54

TEST COMMENT: IF- Strong blow BOB ASAO, GTS 3min.

IS- No blow back.

FF- Strong blow BOB, GTS, ASAO.

FS- No blow back.



PRESSURE SUMMARY

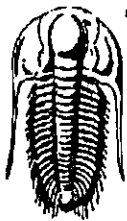
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2336.49	109.23	Initial Hydro-static
6	46.41	107.75	Open To Flow (1)
7	47.12	107.26	Shut-In(1)
66	1385.37	110.66	End Shut-In(1)
71	33.30	103.60	Open To Flow (2)
127	68.39	99.66	Shut-In(2)
251	1375.13	106.05	End Shut-In(2)
251	2322.62	111.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	5%water10%oil40%gas45%mud	0.89

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	6.00	137.61
Last Gas Rate	0.50	5.00	130.87
Max. Gas Rate	0.50	6.00	137.61



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40298

DST#: 5

ATTN: Brad Rine

Test Start: 2010.11.07 @ 02:30:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

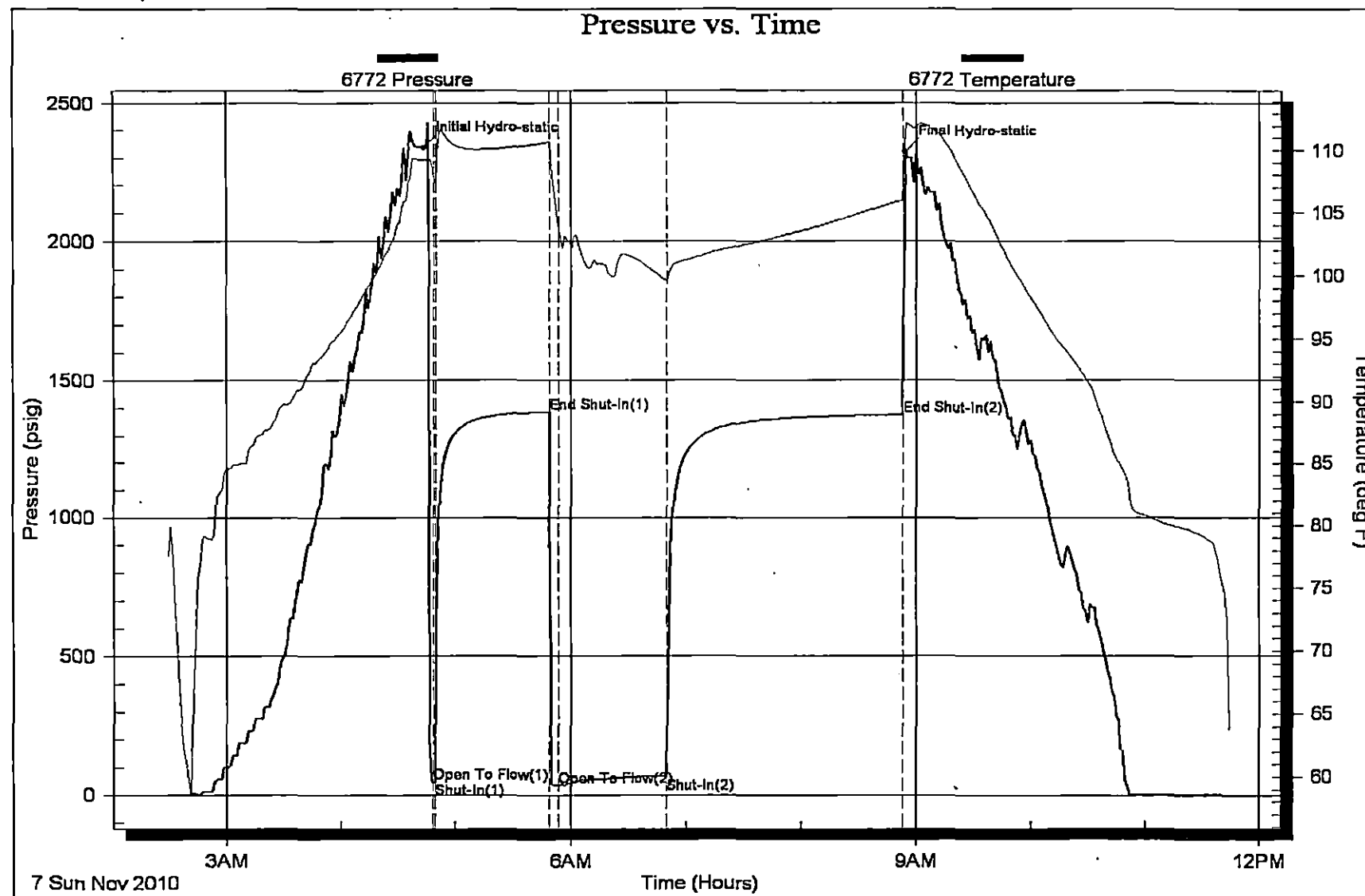
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	10	0.50	6.00	137.61
2	20	0.50	5.00	130.87
2	30	0.50	5.00	130.87
2	40	0.50	5.00	130.87
2	50	0.50	5.00	130.87
2	60	0.50	5.00	130.87

Serial #: 6772

Outside Agricultural Energy Services

23/33/31

DST Test Number: 5

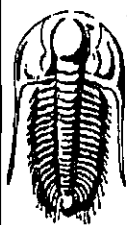


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Ref. No: 40298

Printed: 2010.11.08 @ 08:29:47 Page 4



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DRILL STEM TEST REPORT

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40299

DST#: 6

ATTN: Brad Rine

Test Start: 2010.11.09 @ 02:45:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:03:40

Time Test Ended: 11:41:40

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5157.00 ft (KB) To 5174.00 ft (KB) (TVD)**

Reference Elevations: 2756.00 ft (KB)

Total Depth: 5174.00 ft (KB) (TVD)

2746.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press@RunDepth: 112.45 psig @ 5159.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.09

End Date:

2010.11.09

Last Calib.: 2010.11.09

Start Time: 02:45:05

End Time:

11:41:40

Time On Btm: 2010.11.09 @ 04:58:20

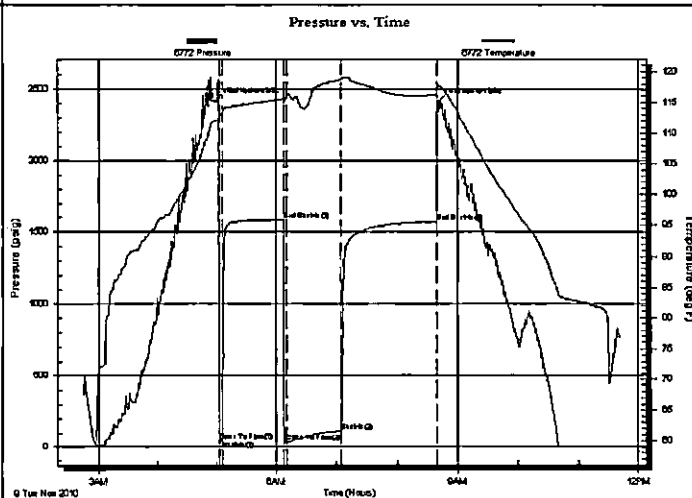
Time Off Btm: 2010.11.09 @ 08:40:24

TEST COMMENT: IF- Strong blow BOB ASAO.

IS- No blow back.

FF- Strong blow BOB, ASAO, BOB 3min.

FS- No blow back.



PRESSURE SUMMARY

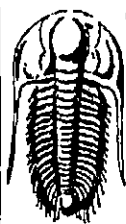
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2415.00	112.01	Initial Hydro-static
6	41.29	112.68	Open To Flow (1)
8	41.91	113.34	Shut-In(1)
70	1585.20	115.59	End Shut-In(1)
72	37.34	115.80	Open To Flow (2)
127	112.45	118.73	Shut-In(2)
221	1571.68	116.30	End Shut-In(2)
223	2407.68	117.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	15%gas15%water40%oil30%mud	1.06

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	11.00	40.30
Last Gas Rate	0.25	29.00	68.85
Max. Gas Rate	0.25	29.00	68.85



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo FL 32763

23/33/31

Job Ticket: 40299

DST#: 6

ATTN: Brad Rine

Test Start: 2010.11.09 @ 02:45:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
215.00	15%gas15%water40%oil30%mud	1.057

Total Length: 215.00 ft

Total Volume: 1.057 bbl

Num Fluid Samples: 1

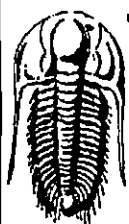
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40299

DST#: 6

ATTN: Brad Rine

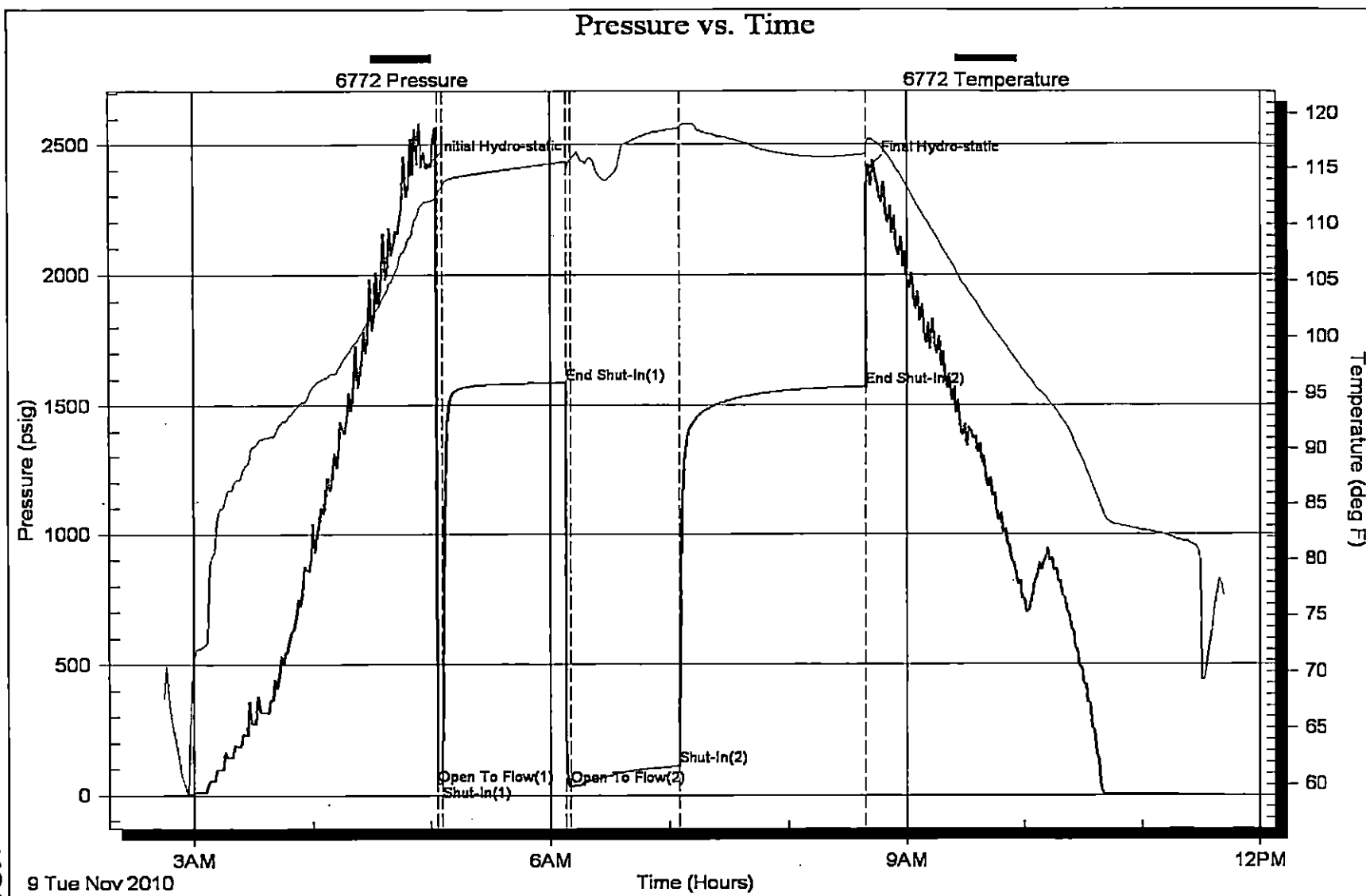
Test Start: 2010.11.09 @ 02:45:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	10	0.25	11.00	40.30
2	20	0.25	20.00	54.57
2	30	0.25	27.00	65.68
2	40	0.25	29.00	68.85
2	50	0.25	29.00	68.85
2	60	0.25	29.00	68.85



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DRILL STEM TEST REPORT

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40300

DST#: 7

ATTN: Brad Rine

Test Start: 2010.11.10 @ 17:45:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:24:40

Time Test Ended: 03:45:00

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5332.00 ft (KB) To 5390.00 ft (KB) (TVD)**

Reference Elevations: 2756.00 ft (KB)

Total Depth: 5390.00 ft (KB) (TVD)

2746.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: **6772** Outside

Press@RunDepth: 218.04 psig @ 5335.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.10

End Date:

2010.11.11

Last Calib.: 2010.11.11

Start Time: 17:45:05

End Time:

03:45:00

Time On Btm: 2010.11.10 @ 20:16:20

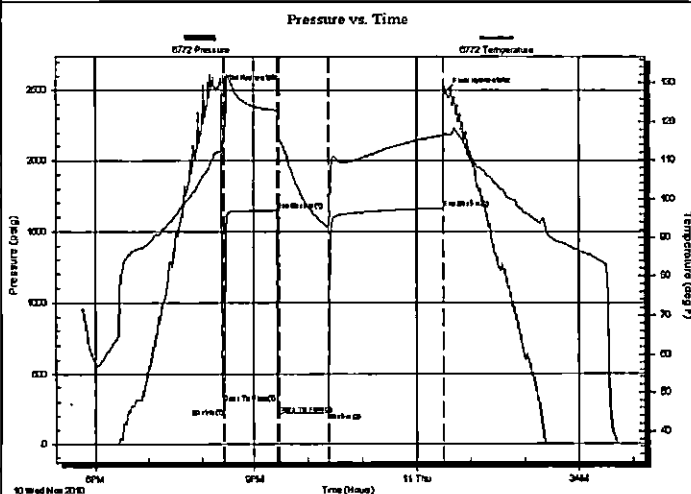
Time Off Btm: 2010.11.11 @ 00:32:35

TEST COMMENT: IF- Strong blow BOB ASAO, GTS 3min.

IS- No blow back.

FF- Strong blow BOB, GTS, ASAO.

FS- No blow back.



PRESSURE SUMMARY

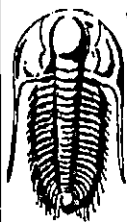
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2506.30	111.68	Initial Hydro-static
9	296.70	114.17	Open To Flow (1)
10	253.01	114.46	Shut-In(1)
70	1647.09	122.71	End Shut-In(1)
72	209.72	114.99	Open To Flow (2)
127	218.04	92.33	Shut-In(2)
254	1665.24	116.47	End Shut-In(2)
257	2486.56	116.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
280.00	100% mud with scum of oil	1.38

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	20.00	988.96
Last Gas Rate	1.00	24.00	1103.95
Max. Gas Rate	1.00	24.00	1103.95



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Don Thorp 2-23

1755 W Broadway St. Suite 6 Oviedo Fl. 32763

23/33/31

Job Ticket: 40300

DST#:7

ATTN: Brad Rine

Test Start: 2010.11.10 @ 17:45:00

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	100% mud with scum of oil	1.377

Total Length: 280.00 ft

Total Volume: 1.377 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

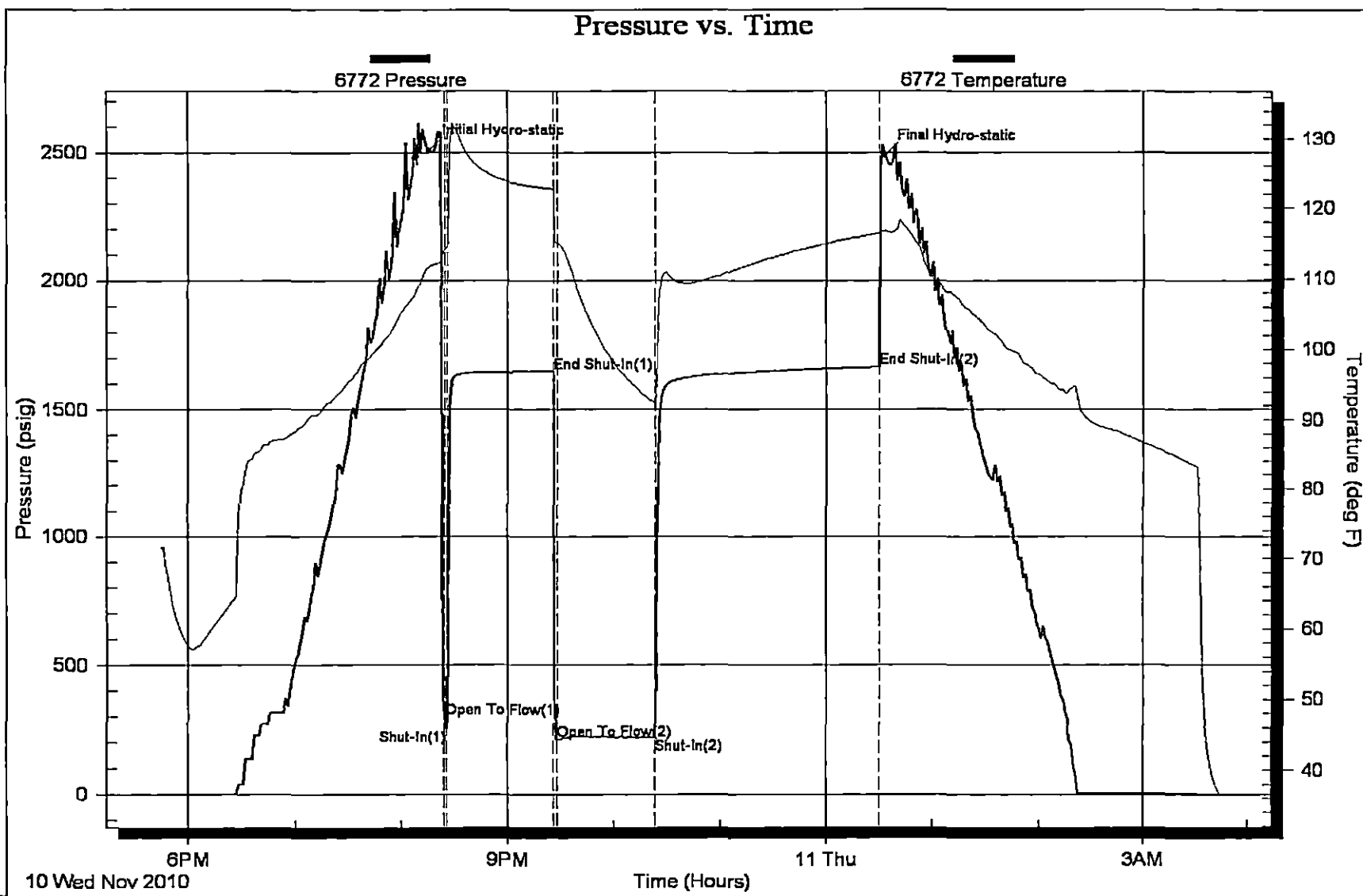
Recovery Comments:

Serial #: 6772

Outside Agricultural Energy Services

23/33/31

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 40300

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