



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN:

Saturin Unit #1

9-14s-17w

Job Ticket: 040919

DST#: 1

Test Start: 2010.10.16 @ 08:41:08

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:28:38

Time Test Ended: 15:42:08

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3324.00 ft (KB) To 3348.00 ft (KB) (TVD)

Total Depth: 3348.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2034.00 ft (KB)

2023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 28.80 psig @ 3325.00 ft (KB)

Start Date: 2010.10.16

End Date:

2010.10.16

Start Time: 08:41:09

End Time:

15:42:08

Capacity: 8000.00 psig

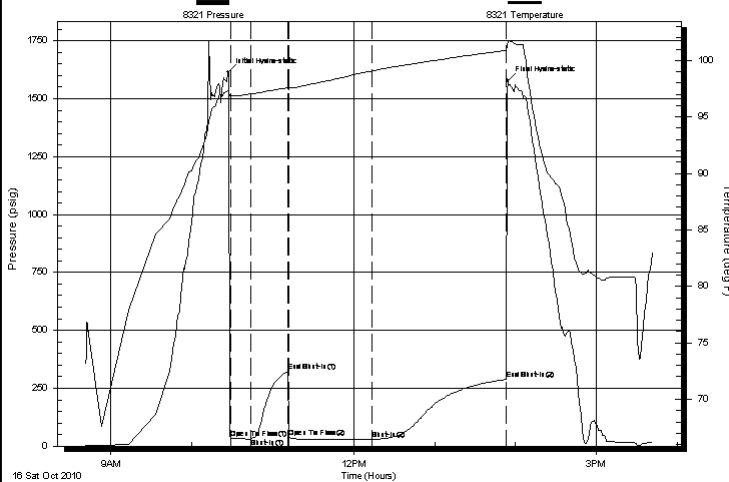
Last Calib.: 2003.01.01

Time On Btm: 2010.10.16 @ 10:27:08

Time Off Btm: 2010.10.16 @ 13:54:08

TEST COMMENT: IFP-Weak blow built to 1/4 in
ISI-Dead no blow back
FFP-Dead no blow back
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1614.69	97.27	Initial Hydro-static
2	35.05	96.97	Open To Flow (1)
17	31.53	97.04	Shut-In(1)
44	322.23	97.60	End Shut-In(1)
45	40.02	97.56	Open To Flow (2)
107	28.80	99.07	Shut-In(2)
206	288.64	100.89	End Shut-In(2)
207	1578.23	101.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud with a scum of oil	0.04

Gas Rates

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

Berexco LLC

Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040919

DST#: 1

ATTN:

Test Start: 2010.10.16 @ 08:41:08

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: 84.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Mud with a scum of oil	0.039

Total Length: 8.00 ft Total Volume: 0.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

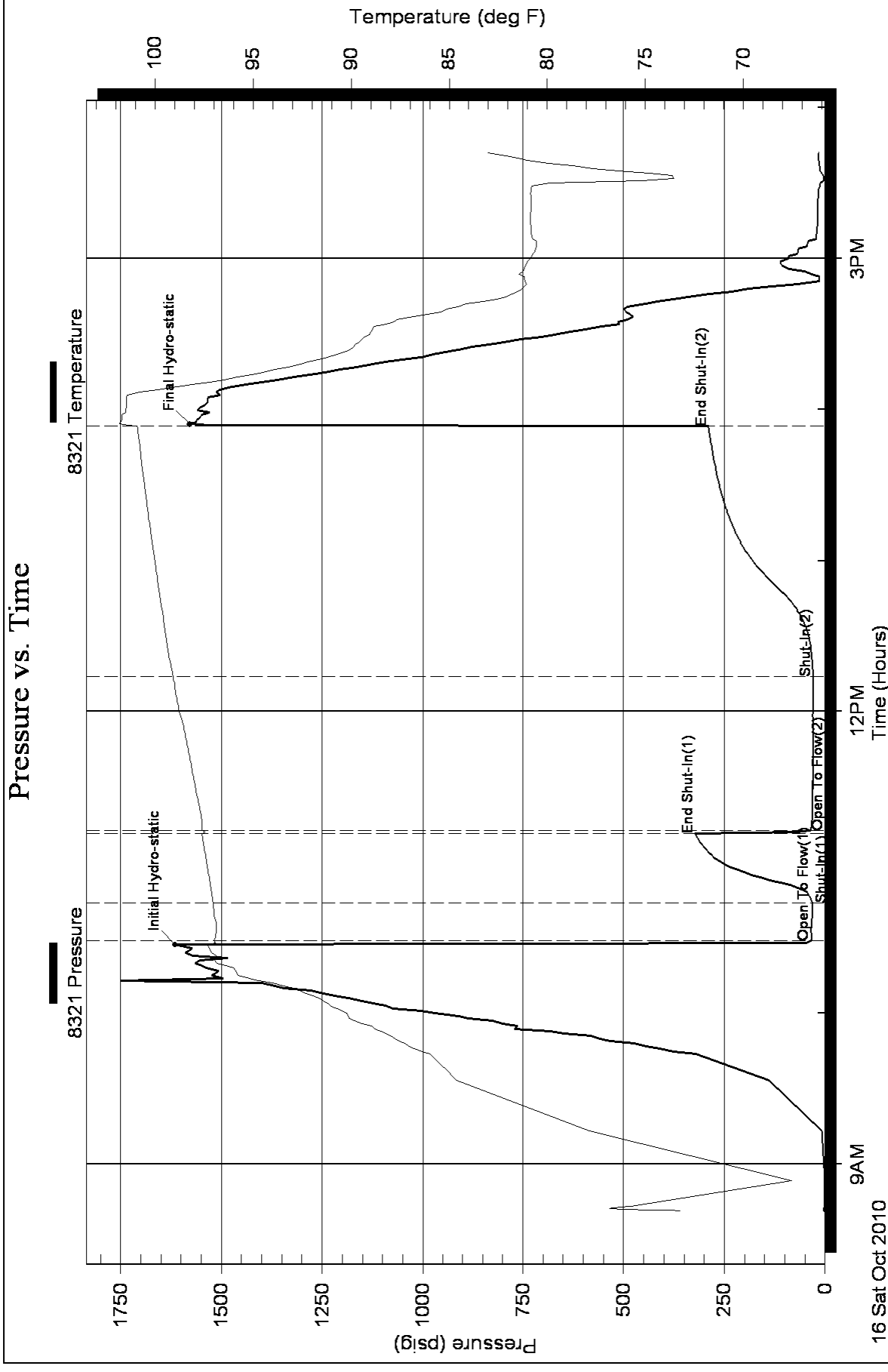
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN: Bruce Meyer

Saturin Unit #1

9-14s-17w

Job Ticket: 040921

DST#: 2

Test Start: 2010.10.17 @ 10:07:22

GENERAL INFORMATION:

Formation: **LKC-H-I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:34:52

Time Test Ended: 17:54:22

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3416.00 ft (KB) To 3500.00 ft (KB) (TVD)

Total Depth: 3500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2034.00 ft (KB)

2023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 57.68 psig @ 3482.00 ft (KB)

Start Date: 2010.10.17

End Date:

2010.10.17

Start Time: 10:07:23

End Time:

17:54:22

Capacity: 8000.00 psig

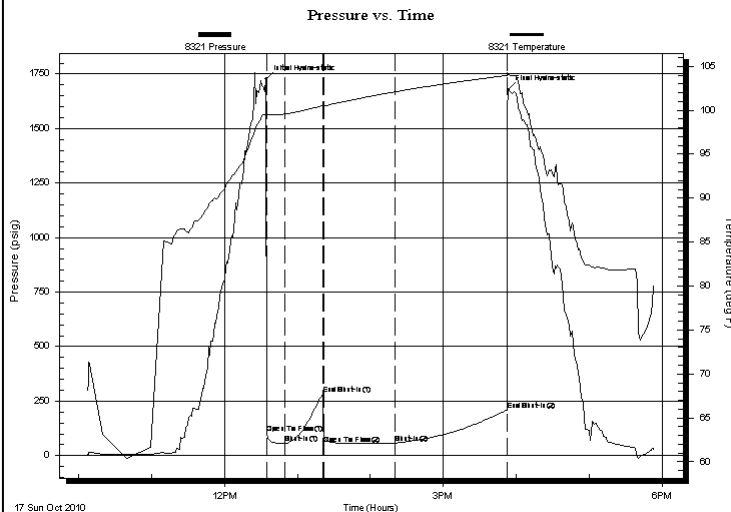
Last Calib.: 2003.01.02

Time On Btm: 2010.10.17 @ 12:34:22

Time Off Btm: 2010.10.17 @ 15:53:22

TEST COMMENT: IFP-Weak blow built to 1 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1725.84	99.68	Initial Hydro-static
1	100.49	99.47	Open To Flow (1)
16	55.53	99.58	Shut-In(1)
47	283.73	100.52	End Shut-In(1)
47	94.43	100.48	Open To Flow (2)
106	57.68	102.08	Shut-In(2)
198	209.58	103.96	End Shut-In(2)
199	1678.46	104.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
12.00	Mud with oil spots	0.06

Gas Rates

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

Berexco LLC

Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040921

DST#: 2

ATTN: Bruce Meyer

Test Start: 2010.10.17 @ 10:07:22

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: 9.99 in³

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 bbl
12.00	Mud w ith oil spots	0.059

Total Length: 12.00 ft

Total Volume: 0.059 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

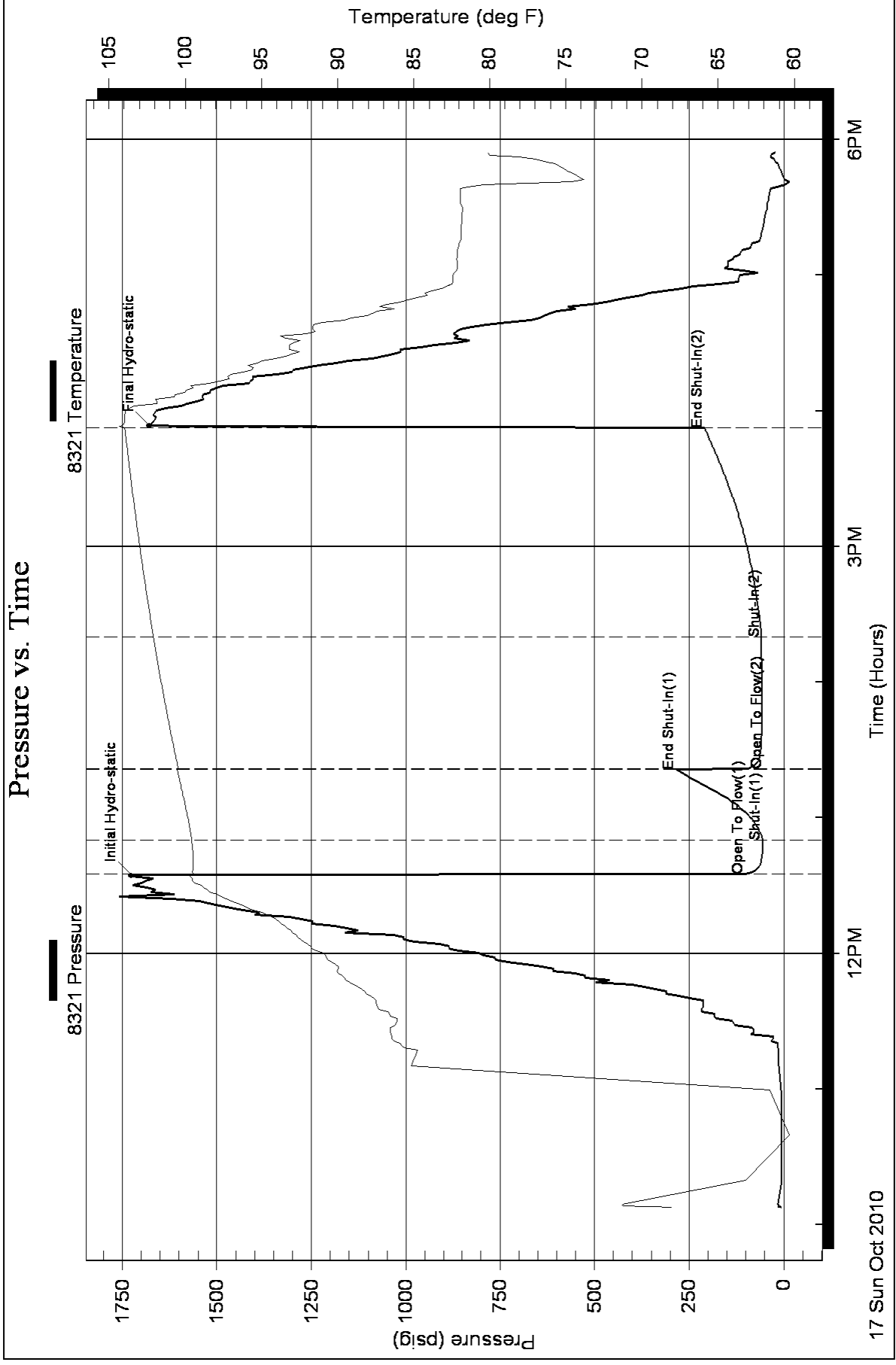
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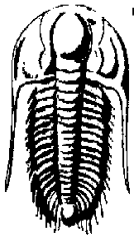
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN: Bruce Meyer

Saturin Unit #1

9-14s-17w

Job Ticket: 040922

DST#: 3

Test Start: 2010.10.18 @ 04:13:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:36:05

Time Test Ended: 11:45:35

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3515.00 ft (KB) To 3560.00 ft (KB) (TVD)

Total Depth: 3560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2034.00 ft (KB)

2023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 46.13 psig @ 3550.00 ft (KB)

Start Date: 2010.10.18

End Date:

2010.10.18

Start Time: 04:13:06

End Time:

11:45:35

Capacity: 8000.00 psig

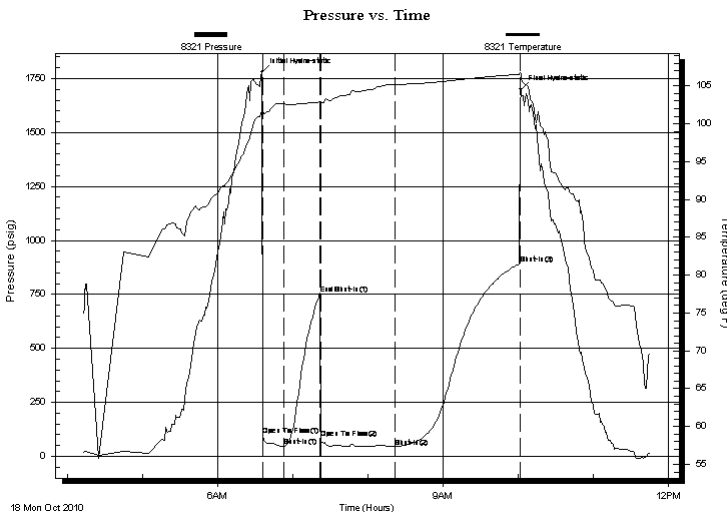
Last Calib.: 2003.01.03

Time On Btm: 2010.10.18 @ 06:35:35

Time Off Btm: 2010.10.18 @ 10:02:05

TEST COMMENT: IFP-Weak blow built to 3/4 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back

PRESSURE SUMMARY



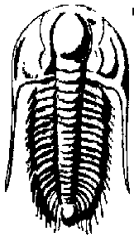
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1778.38	101.70	Initial Hydro-static
1	99.04	100.99	Open To Flow (1)
18	46.13	102.60	Shut-In(1)
46	754.00	102.89	End Shut-In(1)
47	83.04	102.73	Open To Flow (2)
106	44.24	105.19	Shut-In(2)
206	892.55	106.55	Shut-In(3)
207	1699.46	106.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	V SOCM5%O95%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040922

DST#: 3

ATTN: Bruce Meyer

Test Start: 2010.10.18 @ 04:13:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	VSOCM5%O95%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

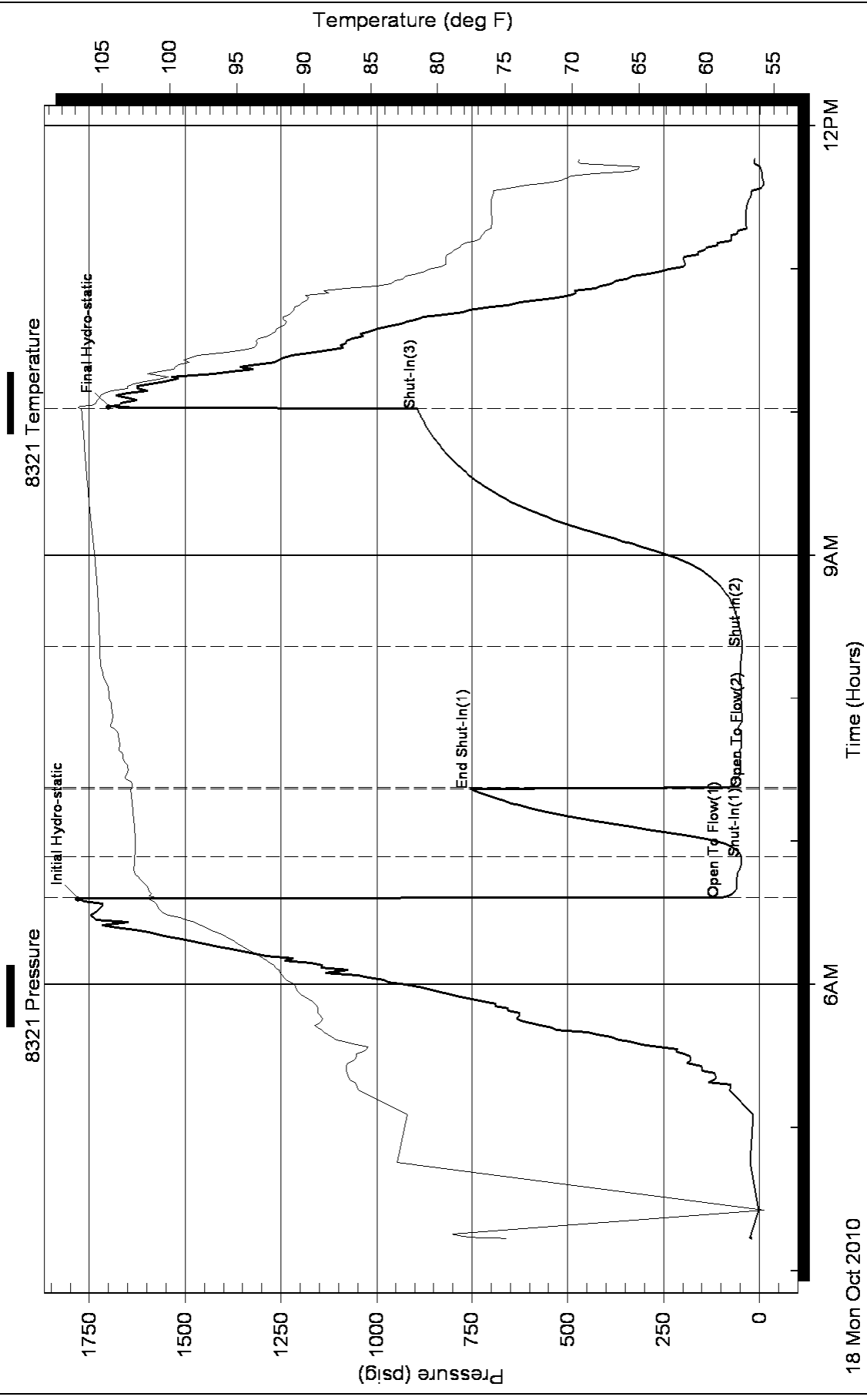
Serial #:

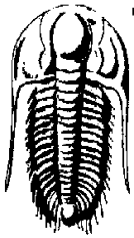
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN: Bruce Meyer

Saturin Unit #1

9-14s-17w

Job Ticket: 040923

DST#: 4

Test Start: 2010.10.18 @ 20:06:23

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:09:23

Time Test Ended: 05:04:23

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3560.00 ft (KB) To 3575.00 ft (KB) (TVD)

Total Depth: 3575.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2034.00 ft (KB)

2023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 122.83 psig @ 3562.00 ft (KB)

Start Date: 2010.10.18

End Date:

2010.10.19

Start Time: 20:06:24

End Time:

05:04:23

Capacity: 8000.00 psig

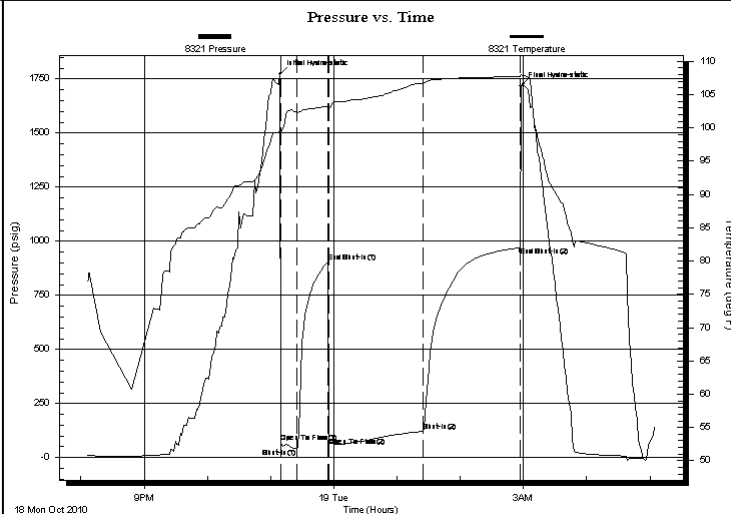
Last Calib.: 2003.01.03

Time On Btm: 2010.10.18 @ 23:08:53

Time Off Btm: 2010.10.19 @ 02:57:23

TEST COMMENT: IFP-Fairblow built to 7 1/2 in
ISI-Dead no blow back
FFP-Good blow BOB in 22 1/2 min
FSI-Weak surface blow back built to 1/8 in died 48min

PRESSURE SUMMARY



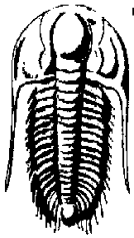
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1771.19	99.55	Initial Hydro-static
1	71.85	99.31	Open To Flow (1)
16	41.58	102.38	Shut-In(1)
46	906.05	103.25	End Shut-In(1)
46	92.79	102.97	Open To Flow (2)
136	122.83	106.76	Shut-In(2)
228	930.12	107.74	End Shut-In(2)
229	1717.12	108.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	Free oil	1.03
50.00	MCGO50%O40%M10%G	0.25
0.00	240 GIP	0.00

Gas Rates

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

Berexco LLC

Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040923

DST#: 4

ATTN: Bruce Meyer

Test Start: 2010.10.18 @ 20:06:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

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 bbl
210.00	Free oil	1.033
50.00	MCGO50%O40%M10%G	0.246
0.00	240 GIP	0.000

Total Length: 260.00 ft

Total Volume: 1.279 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

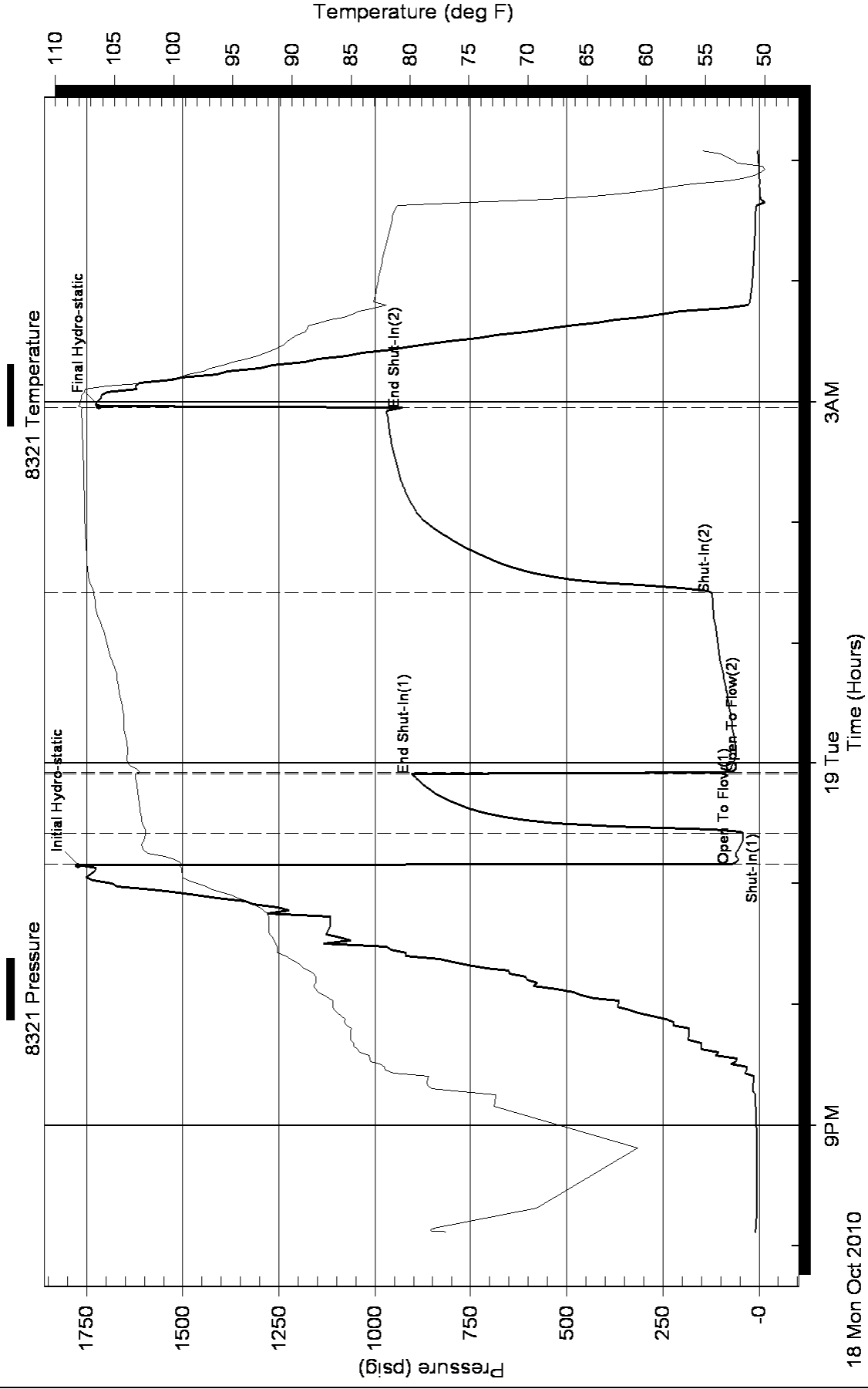
Serial #:

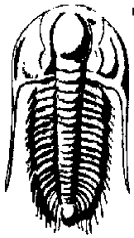
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN: Bruce Meyer

Saturin Unit #1

9-14s-17w

Job Ticket: 040924

DST#: 5

Test Start: 2010.10.19 @ 12:58:40

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:38:10

Time Test Ended: 20:56:40

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3575.00 ft (KB) To 3591.00 ft (KB) (TVD)

Total Depth: 3591.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2034.00 ft (KB)

2023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 66.33 psig @ 3578.00 ft (KB)

Start Date: 2010.10.19

End Date:

2010.10.19

Start Time: 12:58:43

End Time:

20:56:42

Capacity: 8000.00 psig

Last Calib.: 2003.01.04

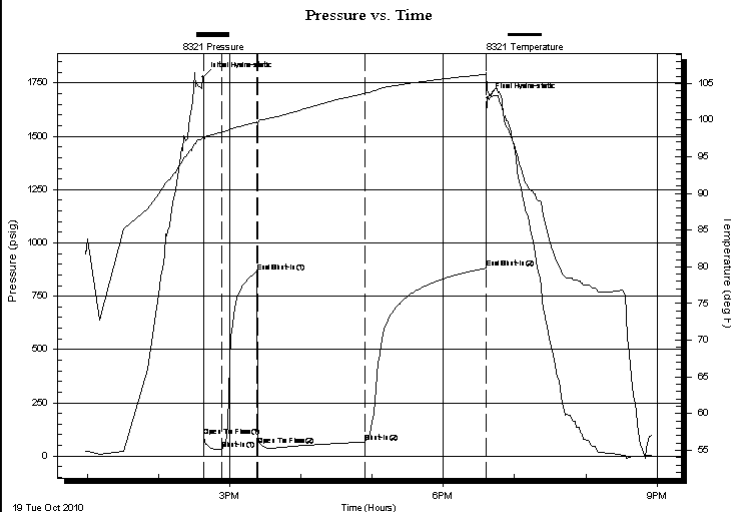
Time On Btm: 2010.10.19 @ 14:37:42

Time Off Btm: 2010.10.19 @ 18:37:12

TEST COMMENT: IFP-Weak blow built to 2 1/2 in
ISI-Dead no blow back
FFP-Good low BOB in 83 min
FSIDead no blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1778.45	97.71	Initial Hydro-static
1	93.15	96.97	Open To Flow (1)
16	31.09	98.33	Shut-In(1)
46	865.85	99.75	End Shut-In(1)
46	94.24	99.42	Open To Flow (2)
136	66.33	103.64	Shut-In(2)
238	880.62	106.23	End Shut-In(2)
240	1681.63	104.14	Final Hydro-static

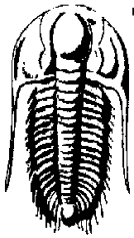


Recovery

Length (ft)	Description	Volume (bbl)
115.00	Free Oil	0.57
15.00	HOCM 30%O70%M	0.07
200.00	GIP	0.98

Gas Rates

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

Berexco LLC

Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040924

DST#: 5

ATTN: Bruce Meyer

Test Start: 2010.10.19 @ 12:58:40

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 72.00 sec/qt

Water Loss: 8.19 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

32 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	Free Oil	0.566
15.00	HOCM 30%O70%M	0.074
200.00	GIP	0.984

Total Length: 330.00 ft Total Volume: 1.624 bbl

Num Fluid Samples: 0

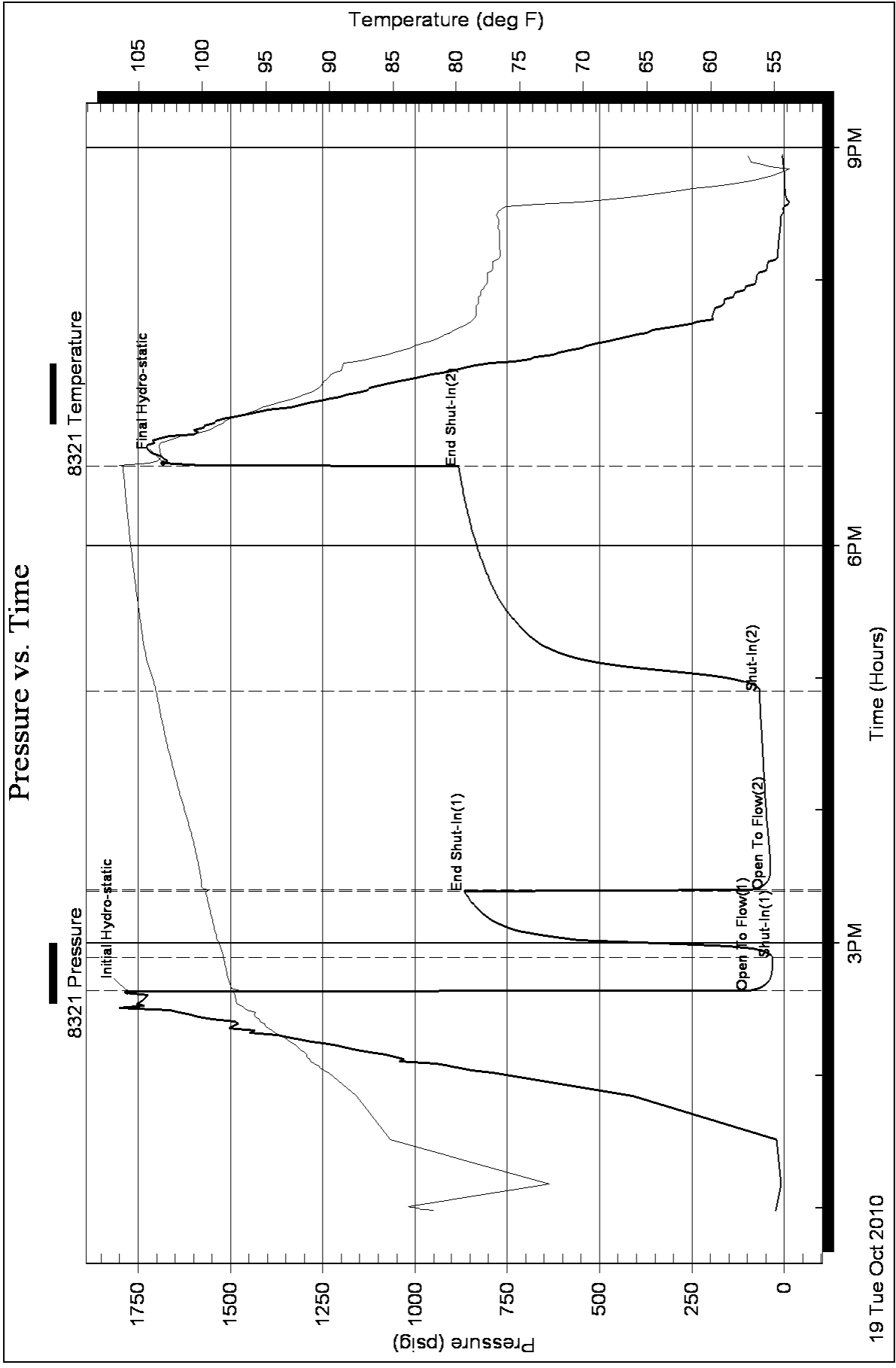
Num Gas Bombs: 0

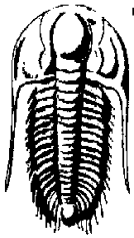
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380
Wichita Ks 67208

ATTN: Bruce Meyer

Saturin Unit #1

9-14s-17w

Job Ticket: 040925

DST#: 6

Test Start: 2010.10.20 @ 03:58:01

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:02:01

Time Test Ended: 11:04:31

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3591.00 ft (KB) To 3606.00 ft (KB) (TVD)

Reference Elevations: 2034.00 ft (KB)

Total Depth: 3606.00 ft (KB) (TVD)

2023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8321 Inside

Press@RunDepth: 27.51 psig @ 3593.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.20

End Date:

2010.10.20

Last Calib.: 2010.10.20

Start Time: 03:58:02

End Time:

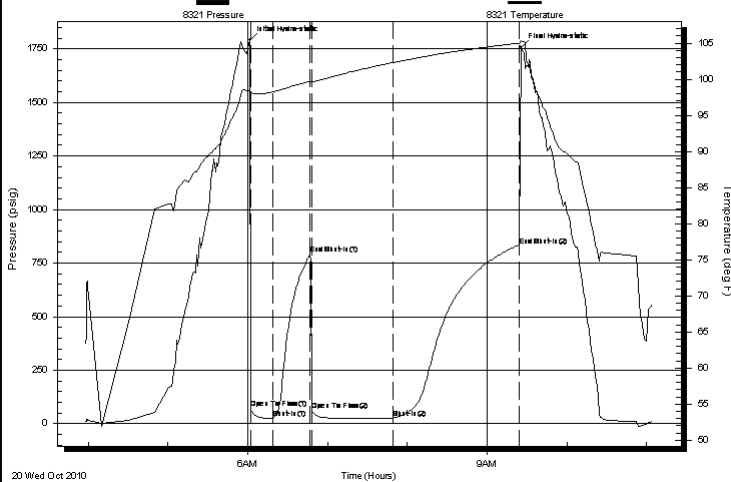
11:04:31

Time On Btm: 2010.10.20 @ 06:01:31

Time Off Btm: 2010.10.20 @ 09:25:31

TEST COMMENT: IFP-Weak blow built to 1/2 In
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

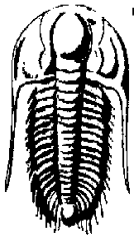
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1789.27	98.54	Initial Hydro-static
1	74.66	98.15	Open To Flow (1)
18	27.21	98.24	Shut-In(1)
46	790.90	99.72	End Shut-In(1)
47	64.99	99.60	Open To Flow (2)
108	27.51	102.31	Shut-In(2)
203	830.16	105.02	End Shut-In(2)
204	1756.37	105.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	V SOCM2%O98%M	0.04

Gas Rates

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

FLUID SUMMARY

Berexco LLC

Saturin Unit #1

Po Box 20380
Wichita Ks 67208

9-14s-17w

Job Ticket: 040925

DST#: 6

ATTN: Bruce Meyer

Test Start: 2010.10.20 @ 03:58:01

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: 72.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.19 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 bbl
8.00	VSOCM2%O98%M	0.039

Total Length: 8.00 ft Total Volume: 0.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

