

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47469

DST#: 1

Test Start: 2012.04.02 @ 14:45:08

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:16:23

Time Test Ended: 23:02:23

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Taylor

Unit No: 43

Interval: 4225.00 ft (KB) To 4260.00 ft (KB) (TVD)

Reference Elevations: 2391.00 ft (KB)

Total Depth: 4260.00 ft (KB) (TVD)

2381.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6773 Outside

Press@RunDepth: 398.90 psig @ 4225.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.02

End Date:

2012.04.02

Last Calib.:

2012.04.02

Start Time: 14:45:13

End Time:

23:02:22

Time On Btm:

2012.04.02 @ 17:15:53

Time Off Btm:

2012.04.02 @ 20:24:38

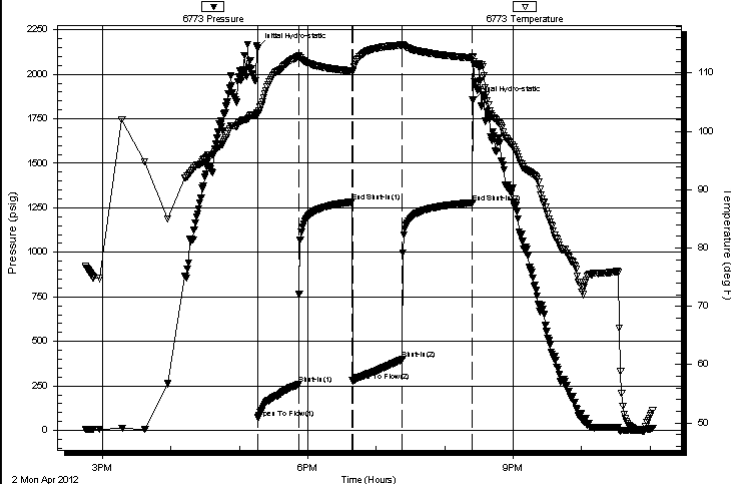
TEST COMMENT: I.F. Fair Blow B.O.B. 11 Min 15 Sec

I.S.I. Bled Off 4 Min No Blow

F.F. Fair Blow B.O.B. 19 Min

F.S.I. Bled Off 4 Min No Blow

Pressure vs. Time



PRESSURE SUMMARY

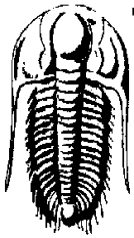
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.26	103.24	Initial Hydro-static
1	70.85	103.01	Open To Flow (1)
37	259.68	112.88	Shut-In (1)
83	1282.15	110.35	End Shut-In (1)
84	278.83	110.23	Open To Flow (2)
127	398.90	114.78	Shut-In (2)
189	1278.75	112.55	End Shut-In (2)
189	1853.80	112.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
333.00	Mud Cut WTR TR%G 80%W 20%M	3.16
375.00	CLN GSY WTR TR%G 99%W 1%M	5.48
61.00	Mud Cut WTR TR%G 45%W 55%M	0.89

Gas Rates

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

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47469

DST#: 1

ATTN: Mike Engelbrecht

Test Start: 2012.04.02 @ 14:45:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.98 in³

Resistivity: ohm.m

Salinity: 4400.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 130000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
333.00	Mud Cut WTR TR%G 80%W 20%M	3.160
375.00	CLN GSY WTR TR%G 99%W 1%M	5.484
61.00	Mud Cut WTR TR%G 45%W 55%M	0.892

Total Length: 769.00 ft

Total Volume: 9.536 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

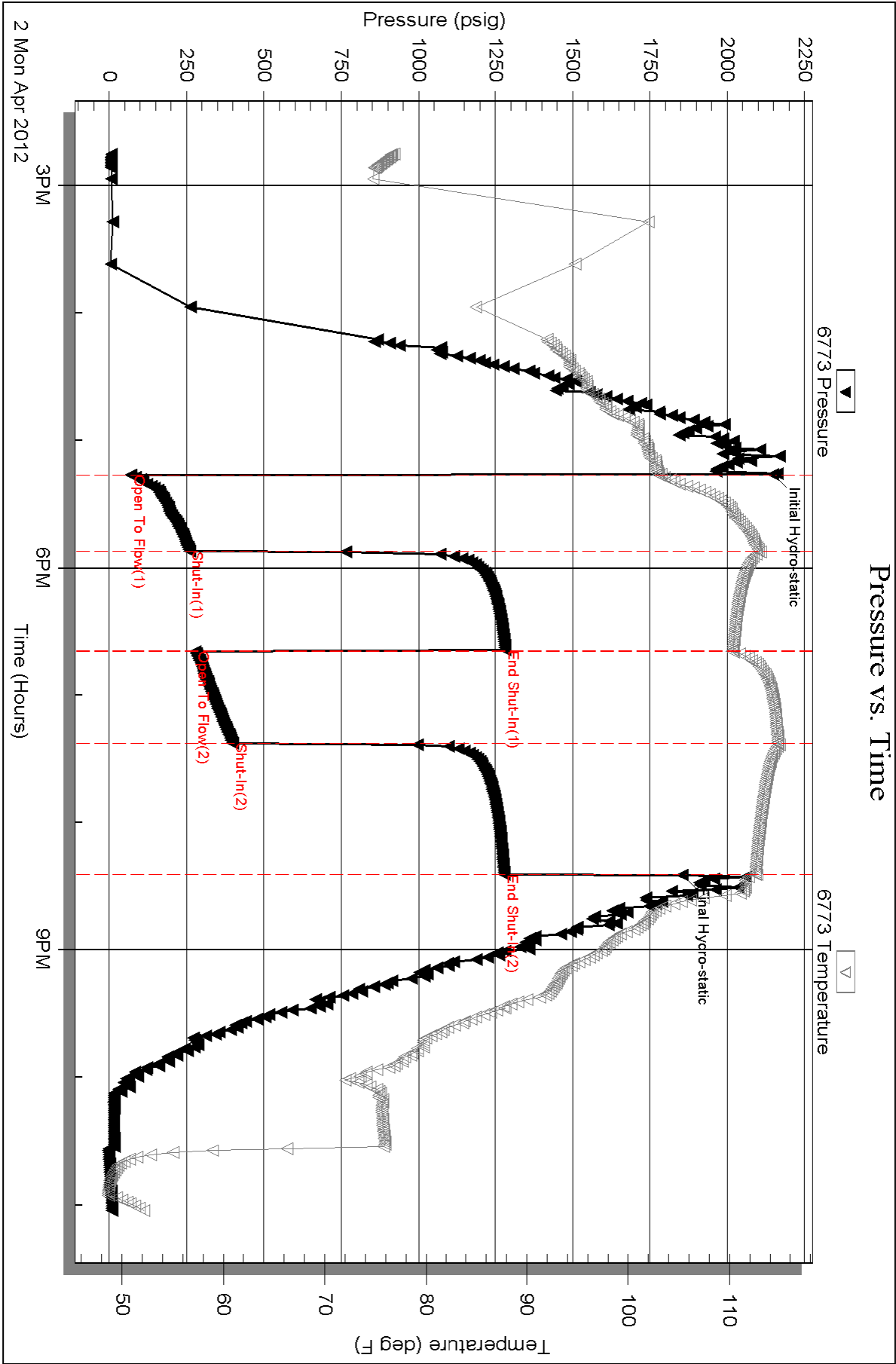
Serial #: 6773

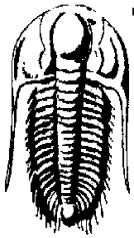
Outside

Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 1





TRILOBITE
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DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47470

DST#: 2

Test Start: 2012.04.03 @ 14:08:12

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:41:42

Time Test Ended: 21:43:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Taylor

Unit No: 43

Interval: 4368.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 2391.00 ft (KB)

Total Depth: 4400.00 ft (KB) (TVD)

2381.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6773 Outside

Press@RunDepth: 97.06 psig @ 4368.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.03

End Date:

2012.04.03

Last Calib.: 2012.04.03

Start Time: 14:08:17

End Time:

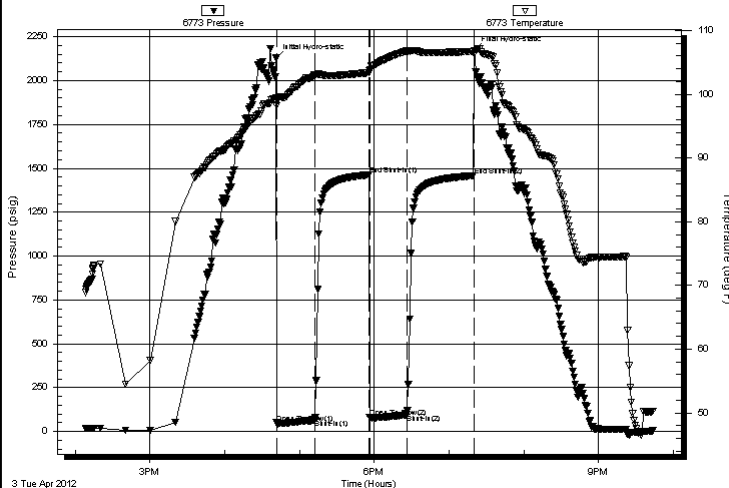
21:43:41

Time On Btm: 2012.04.03 @ 16:41:12

Time Off Btm: 2012.04.03 @ 19:20:27

TEST COMMENT: I.F. Weak Blow Building To 2 1/2" In 30 Min
I.S.I No Blow
F.F. Weak Blow Building To 1 1/2" In 30 Min
F.S.I. No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.59	99.39	Initial Hydro-static
1	48.52	99.10	Open To Flow (1)
31	67.79	103.01	Shut-In(1)
75	1462.76	103.39	End Shut-In(1)
75	80.27	103.61	Open To Flow (2)
105	97.06	106.79	Shut-In(2)
159	1457.49	106.74	End Shut-In(2)
160	2171.05	106.38	Final Hydro-static

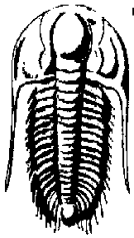
Recovery

Length (ft)	Description	Volume (bbl)
75.00	Oil Spotted Mudy WTR 60%W 40%M	0.55
60.00	Oil Spotted WTRY Mud 35%W 65%M	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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FLUID SUMMARY

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47470

DST#: 2

ATTN: Mike Engelbrecht

Test Start: 2012.04.03 @ 14:08:12

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 67.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 6200.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 23000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	Oil Spotted Mudy WTR 60%W 40%M	0.551
60.00	Oil Spotted WTRY Mud 35%W 65%M	0.441

Total Length: 135.00 ft

Total Volume: 0.992 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

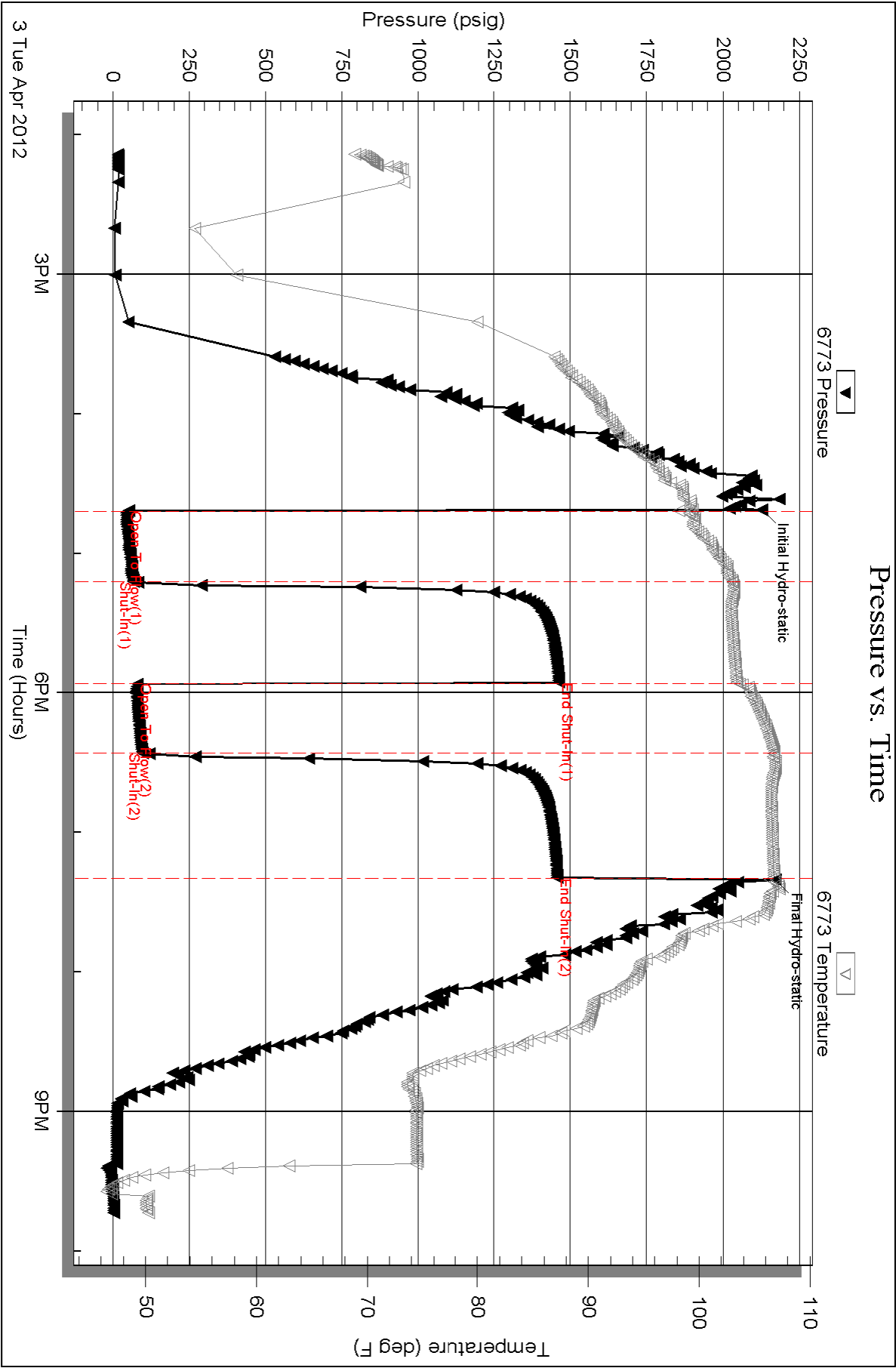
Recovery Comments:

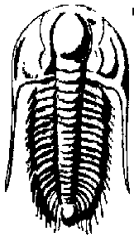
Serial #: 6773

Outside Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 2





TRILOBITE
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DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47471

DST#: 3

Test Start: 2012.04.04 @ 16:48:03

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:26:33

Time Test Ended: 02:37:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Taylor

Unit No: 43

Interval: 4577.00 ft (KB) To 4600.00 ft (KB) (TVD)

Reference Elevations: 2391.00 ft (KB)

Total Depth: 4600.00 ft (KB) (TVD)

2381.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6773 Outside

Press@RunDepth: 184.74 psig @ 4578.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.04

End Date:

2012.04.05

Last Calib.: 2012.04.05

Start Time: 16:48:08

End Time:

02:37:03

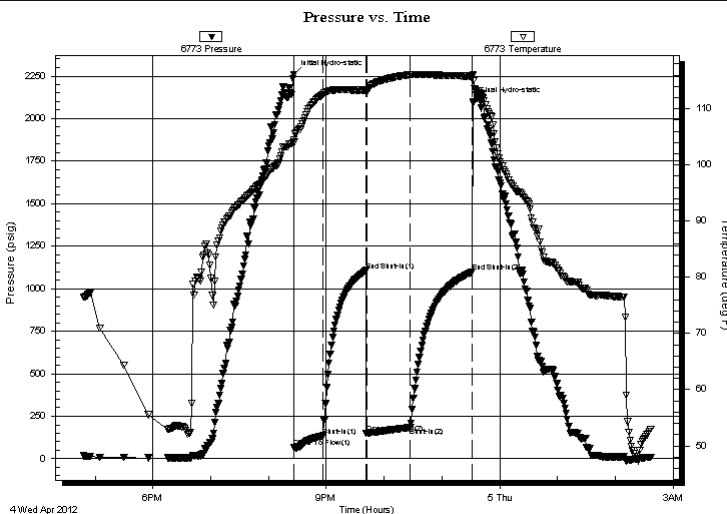
Time On Btm: 2012.04.04 @ 20:26:18

Time Off Btm: 2012.04.04 @ 23:32:03

TEST COMMENT: I.F. Fair Blow BOB 18 Min
I.S.I. Bleed Off 4 Min Very Weak Surface Blow Never Died
F.F. Fair Blow BOB 31 min
F.S.I. Bleed off 4 Min Very Weak Surface Blow Never Died

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.75	104.52	Initial Hydro-static
1	65.28	104.07	Open To Flow (1)
30	134.31	112.58	Shut-In(1)
75	1106.65	113.31	End Shut-In(1)
76	148.66	112.96	Open To Flow (2)
121	184.74	116.09	Shut-In(2)
186	1097.68	115.83	End Shut-In(2)
186	2098.04	116.01	Final Hydro-static



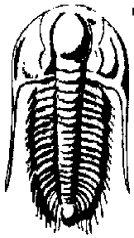
Recovery

Length (ft)	Description	Volume (bbl)
57.00	Oil WTR Cut Mud 1%G 38%O 11%W 50%M	0.42
63.00	Oil Mud Cut WTR 1%G 5%O 87%W 7%M	0.46
177.00	CLN Gasy WTR 1%G 98%W 1%M	1.75
59.00	Oil Mud Cut WTR 8%O 77%W 15%M	0.86
0.00	214 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47471

DST#: 3

ATTN: Mike Engelbrecht

Test Start: 2012.04.04 @ 16:48:03

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 9.94 in³

Resistivity: ohm.m

Salinity: 5700.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
57.00	Oil WTR Cut Mud 1%G 38%O 11%W 50%M	0.419
63.00	Oil Mud Cut WTR 1%G 5%O 87%W 7%M	0.463
177.00	CLN Gasy WTR 1%G 98%W 1%M	1.752
59.00	Oil Mud Cut WTR 8%O 77%W 15%M	0.863
0.00	214 GIP	0.000

Total Length: 356.00 ft

Total Volume: 3.497 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

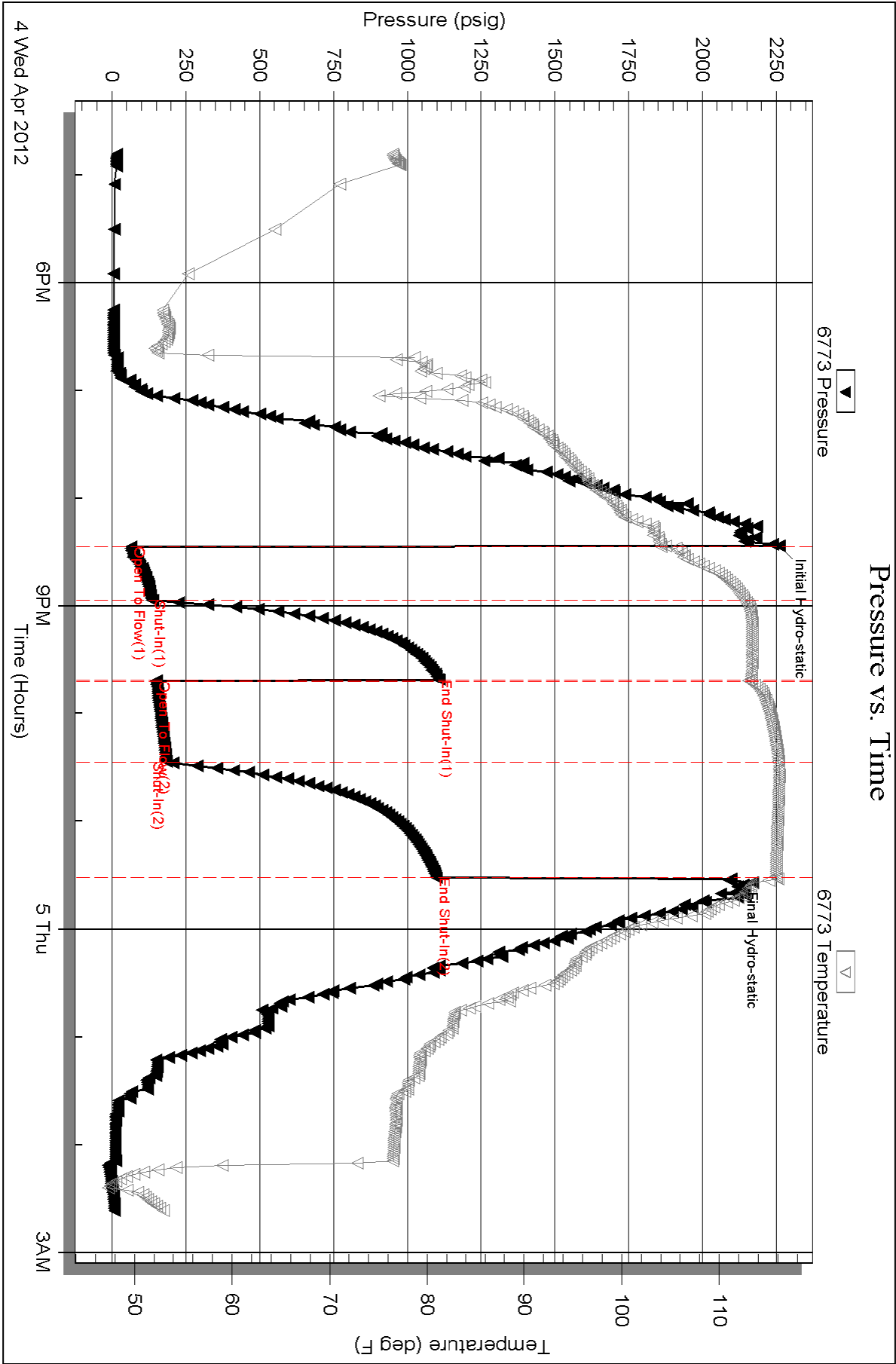
Serial #: 6773

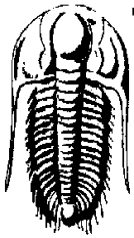
Outside

Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 3





TRILOBITE
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DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47357

DST#: 4

Test Start: 2012.04.05 @ 14:46:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:39:55

Time Test Ended: 22:33:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 4635.00 ft (KB) To 4675.00 ft (KB) (TVD)

Total Depth: 4675.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2391.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6625 Inside

Press@RunDepth: 358.76 psig @ 4640.00 ft (KB)

Start Date: 2012.04.05

End Date:

2012.04.05

Start Time: 14:46:00

End Time:

22:33:54

Capacity: 8000.00 psig

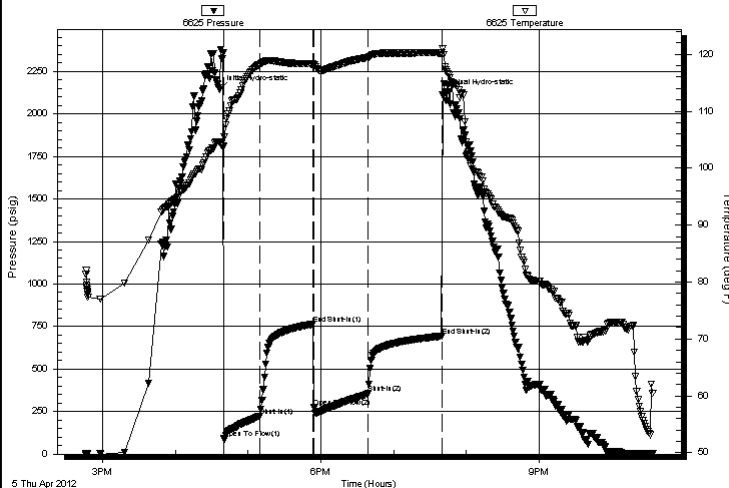
Last Calib.: 2012.04.05

Time On Btm: 2012.04.05 @ 16:36:25

Time Off Btm: 2012.04.05 @ 19:42:54

TEST COMMENT: 30-IFP-strg bl in 1min
45-ISIP-8 " bl bk
45-FFP-strg bl in 3 min
60-FSIP-5"bl bk

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.16	104.61	Initial Hydro-static
4	90.15	103.87	Open To Flow (1)
33	224.11	118.22	Shut-In(1)
77	764.19	118.30	End Shut-In(1)
78	273.02	118.15	Open To Flow (2)
123	358.76	119.45	Shut-In(2)
183	693.15	120.23	End Shut-In(2)
187	2119.65	117.26	Final Hydro-static

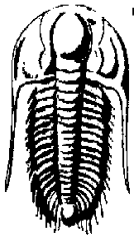
Recovery

Length (ft)	Description	Volume (bbl)
0.00	2315' GIP	0.00
80.00	GMO 30%G25%M45%O	0.59
930.00	CO	12.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47357

DST#: 4

ATTN: Mike Engelbrecht

Test Start: 2012.04.05 @ 14:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 10.35 in³

Resistivity: ohm.m

Salinity: 6300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

19 deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2315' GIP	0.000
80.00	GMO 30%G25%M45%O	0.588
930.00	CO	12.436

Total Length: 1010.00 ft

Total Volume: 13.024 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

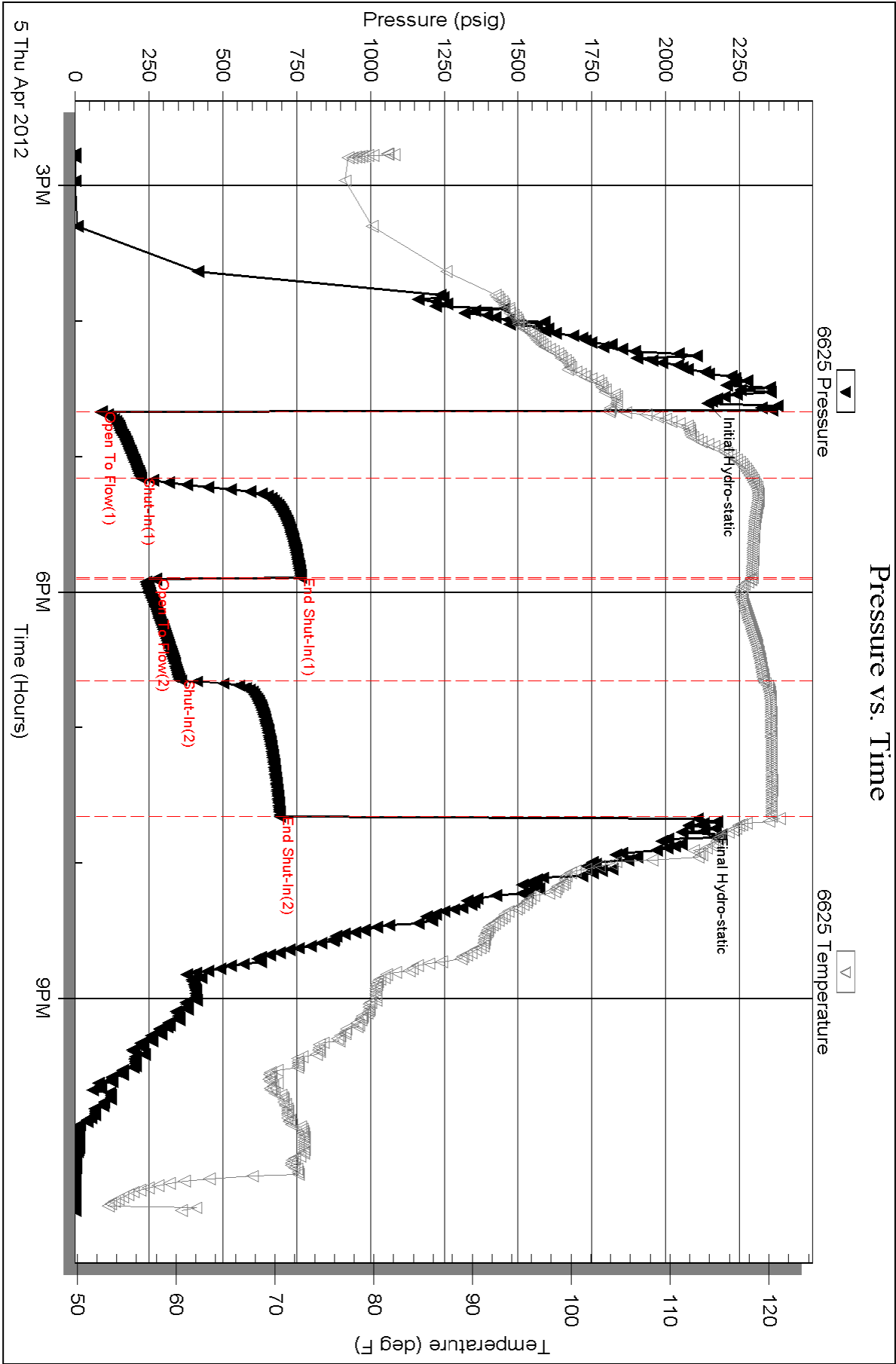
Serial #: 6625

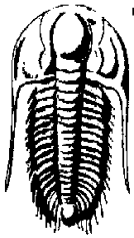
Inside

Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 4





TRILOBITE
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DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47358

DST#: 5

Test Start: 2012.04.06 @ 16:40:48

GENERAL INFORMATION:

Formation: **Cherokee Lms**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:43

Time Test Ended: 22:52:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 4777.00 ft (KB) To 4832.00 ft (KB) (TVD)

Total Depth: 4832.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2391.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6625 Outside

Press@RunDepth: 28.26 psig @ 4779.00 ft (KB)

Start Date: 2012.04.06

End Date:

2012.04.06

Start Time: 16:40:48

End Time:

22:52:12

Capacity: 8000.00 psig

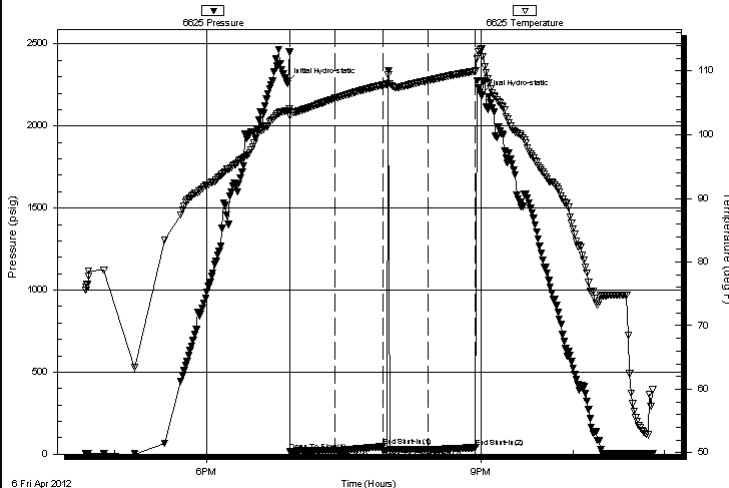
Last Calib.: 2012.04.06

Time On Btm: 2012.04.06 @ 18:52:43

Time Off Btm: 2012.04.06 @ 20:59:42

TEST COMMENT: 30-IFP-surface bl thru-out
30-ISIP-no bl
30-FFP-no bl, flushed tool
30-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.72	103.75	Initial Hydro-static
2	18.66	102.98	Open To Flow (1)
32	21.64	105.71	Shut-In(1)
63	46.20	107.80	End Shut-In(1)
63	22.59	107.82	Open To Flow (2)
93	28.26	108.54	Shut-In(2)
124	39.99	110.00	End Shut-In(2)
127	2193.54	113.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 3%O97%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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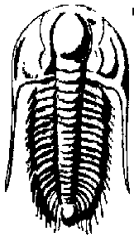
* Recovery from multiple tests



Test Start: 2012.04.06 @ 16:40:48

KB to GR/CF: 11.00 ft

Printed: 2012.04.07 @ 10:34:57



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DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47358

DST#: 5

ATTN: Mike Engelbrecht

Test Start: 2012.04.06 @ 16:40:48

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.88 in³

Resistivity: ohm.m

Salinity: 4400.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 3%O97%M	0.073

Total Length: 10.00 ft

Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

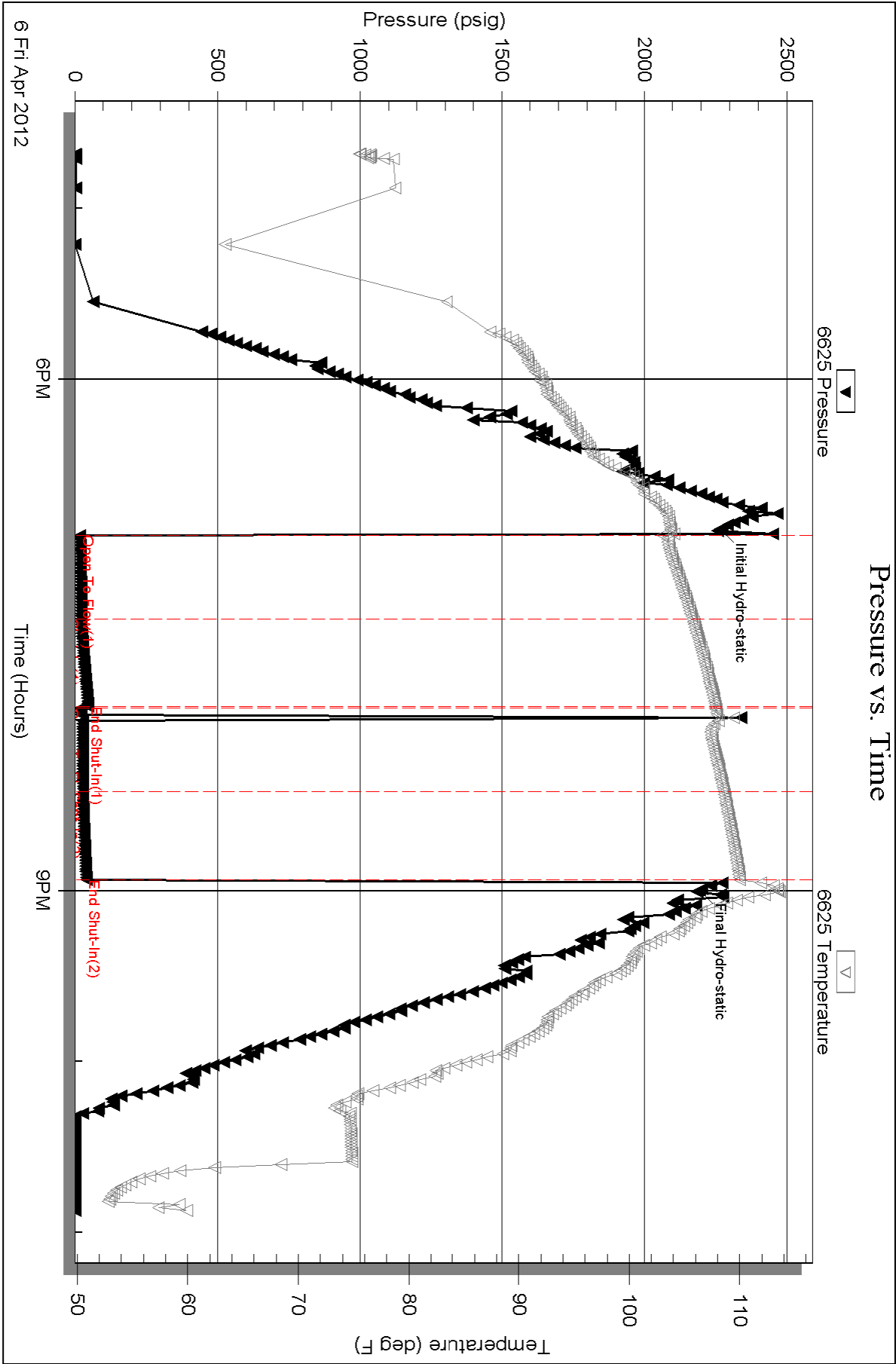
Recovery Comments:

Serial #: 6625

Outside Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 5

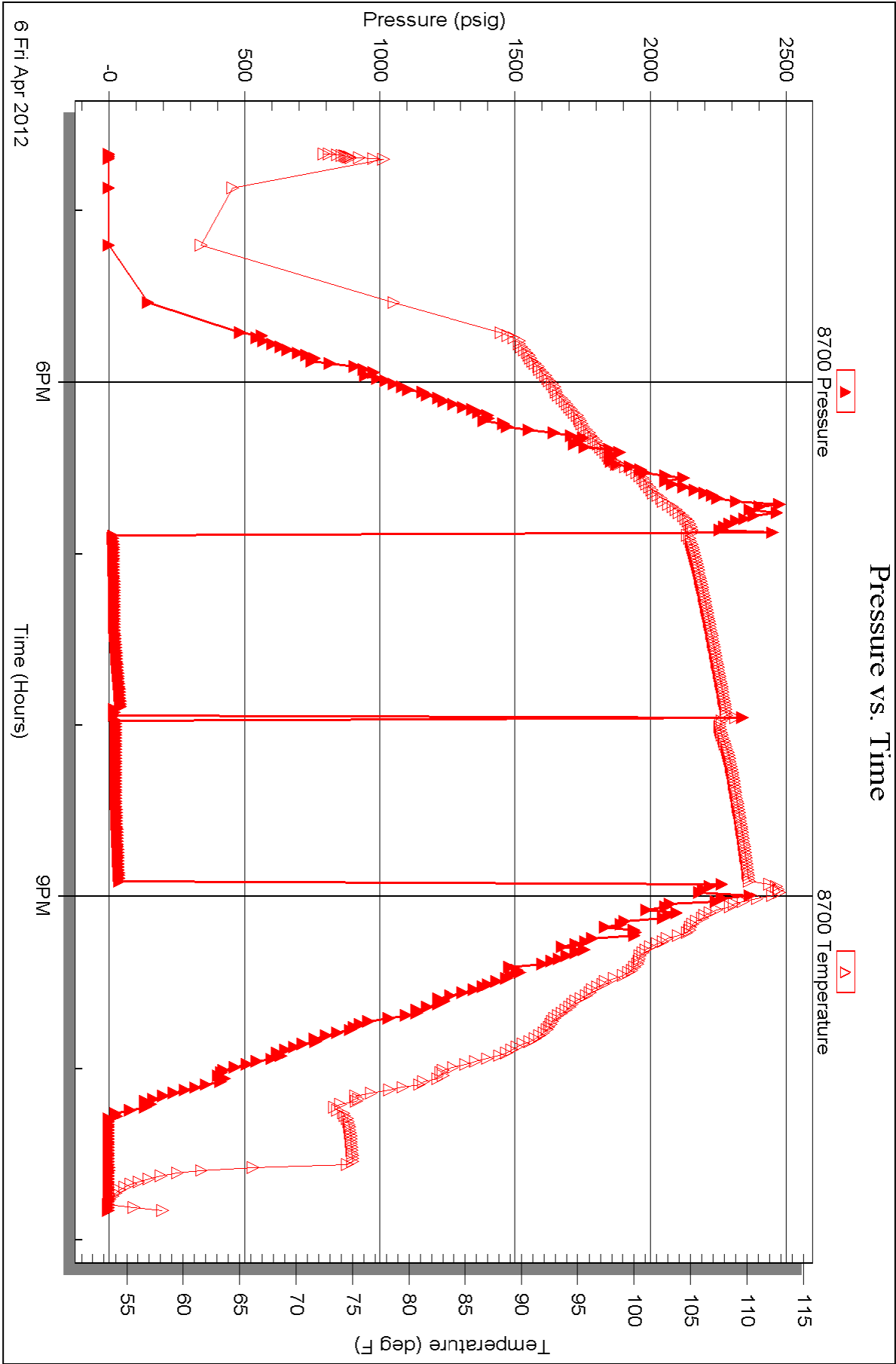


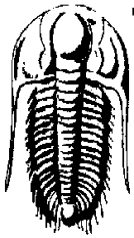
Serial #: 8700

Outside Ritchie Exploration Inc.

#1 Peirner 2c

DST Test Number: 5





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47359

DST#: 6

Test Start: 2012.04.07 @ 07:50:46

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:01:11

Time Test Ended: 15:14:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 4830.00 ft (KB) To 4885.00 ft (KB) (TVD)

Total Depth: 4885.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2391.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6625 Outside

Press@RunDepth: 352.90 psig @ 4832.00 ft (KB)

Start Date: 2012.04.07

End Date:

2012.04.07

Start Time: 07:50:46

End Time:

15:14:10

Capacity: 8000.00 psig

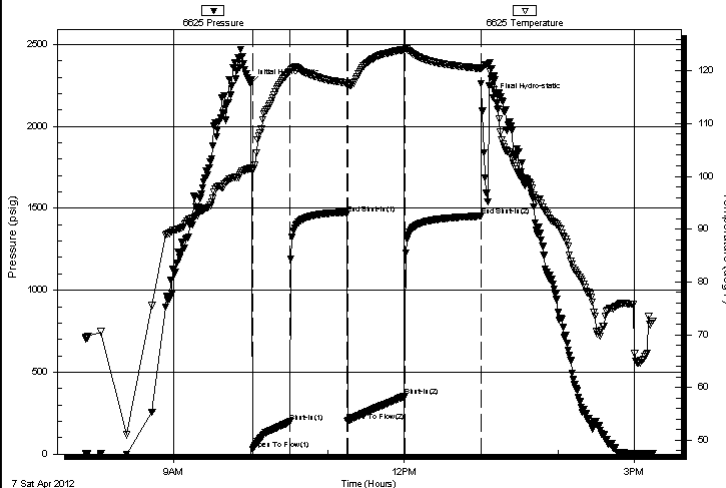
Last Calib.: 2012.04.07

Time On Btm: 2012.04.07 @ 09:59:41

Time Off Btm: 2012.04.07 @ 13:09:10

TEST COMMENT: 30-IFP-w k to strg in 25min
45-ISIP-no bl
45-FFP-w k to strg in 25min
60-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.37	101.56	Initial Hydro-static
2	28.65	101.19	Open To Flow (1)
31	197.18	119.80	Shut-In (1)
76	1464.45	117.66	End Shut-In (1)
76	201.52	117.28	Open To Flow (2)
121	352.90	124.01	Shut-In (2)
180	1452.77	120.41	End Shut-In (2)
190	2174.38	118.34	Final Hydro-static

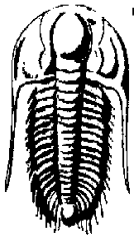
Recovery

Length (ft)	Description	Volume (bbl)
310.00	Water	2.79
310.00	MW w/scumof oil	4.53
124.00	SOCMW 1%O30%M60%W	1.81

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Ritchie Exploration Inc.

8100 22nd ST. N.#700
Wichita KS 67276

ATTN: Mike Engelbrecht

2/26s/22w Ford KS

#1 Peintner 2c

Job Ticket: 47359

DST#: 6

Test Start: 2012.04.07 @ 07:50:46

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:01:11

Time Test Ended: 15:14:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 4830.00 ft (KB) To 4885.00 ft (KB) (TVD)

Total Depth: 4885.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2391.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 4832.00 ft (KB)

Start Date: 2012.04.07

End Date:

2012.04.07

Start Time: 07:50:20

End Time:

15:12:14

Capacity: 8000.00 psig

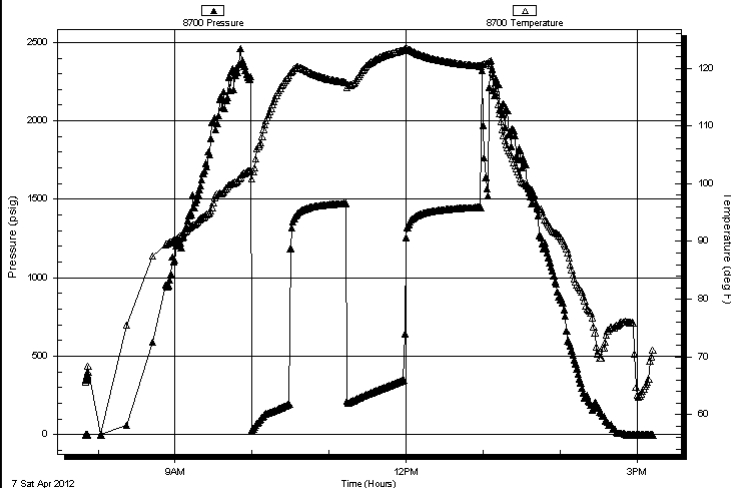
Last Calib.: 2012.04.07

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 25min
45-ISIP-no bl
45-FFP-w k to strg in 25min
60-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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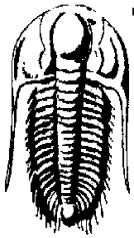
Recovery

Length (ft)	Description	Volume (bbl)
310.00	Water	2.79
310.00	MW w/scumof oil	4.53
124.00	SOCMW 1%O30%M60%W	1.81

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc.

2/26s/22w Ford KS

8100 22nd ST. N.#700
Wichita KS 67276

#1 Peintner 2c

Job Ticket: 47359

DST#: 6

ATTN: Mike Engelbrecht

Test Start: 2012.04.07 @ 07:50:46

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 7.96 in³

Resistivity: ohm.m

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity: 55000 ppm

deg API

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Water	2.787
310.00	MW w/scumof oil	4.534
124.00	SOCMW 1%O30%M60%W	1.813

Total Length: 744.00 ft Total Volume: 9.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

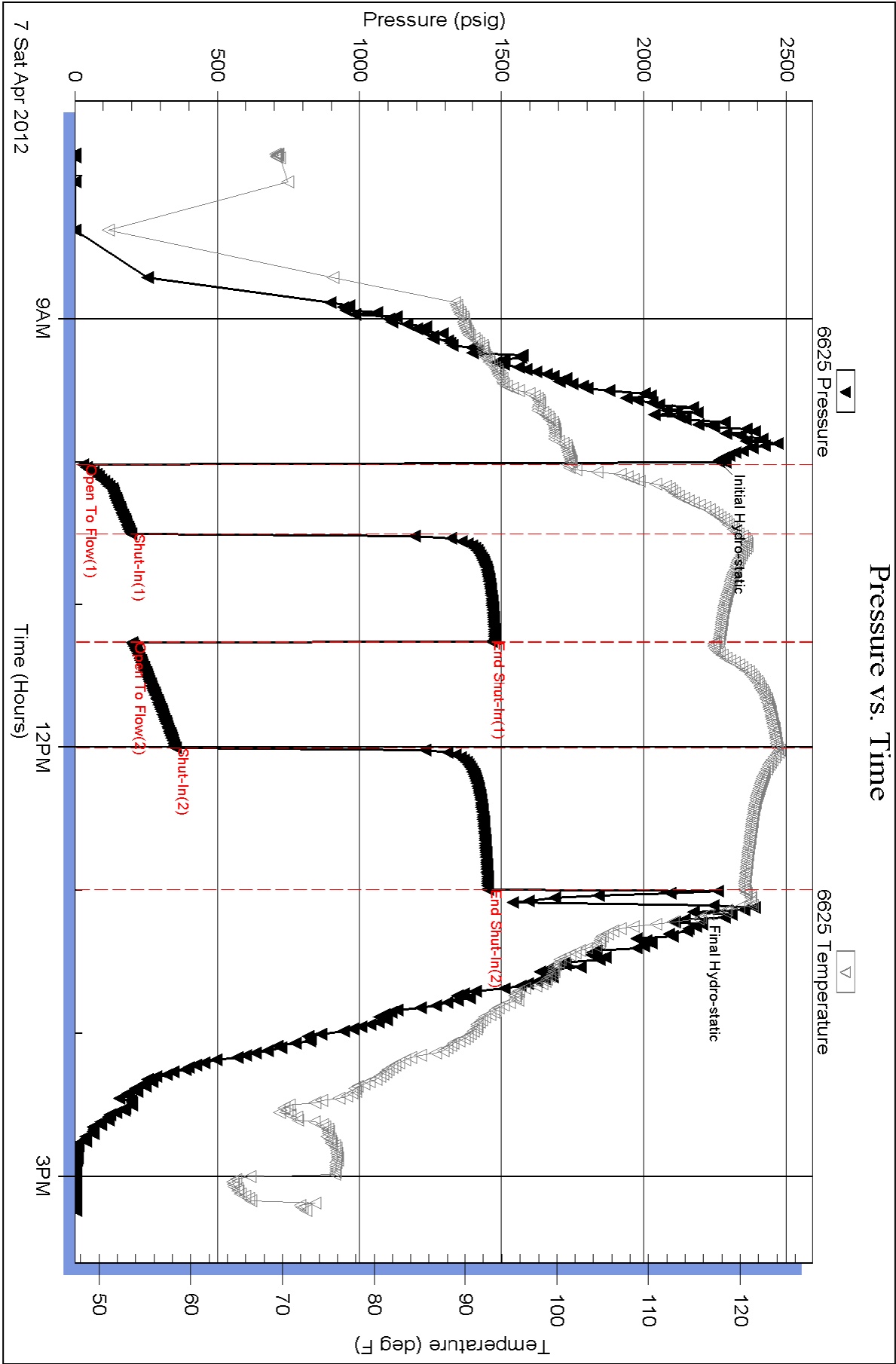
Recovery Comments: RW .12 @ 72F

Serial #: 6625

Outside Ritchie Exploration Inc.

#1 Peirnter 2c

DST Test Number: 6



Serial #: 8700

Outside Ritchie Exploration Inc.

#1 Peintrer 2c

DST Test Number: 6

