



DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operations Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Mike Bair

Buss Farms #26-2

26-8s-22w Graham,KS

Start Date: 2012.08.05 @ 16:30:00

End Date: 2012.08.05 @ 22:44:30

Job Ticket #: 49384 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.13 @ 12:00:04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49384

DST#: 1

ATTN: Mike Bair

Test Start: 2012.08.05 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A & B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:59:00

Time Test Ended: 22:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Troy Leiker

Unit No: #42

Interval: 3406.00 ft (KB) To 3456.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press @ Run Depth: 37.71 psig @ 3439.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.05

End Date:

2012.08.05

Last Calib.:

2012.08.05

Start Time:

16:30:05

End Time:

22:44:29

Time On Btm:

2012.08.05 @ 18:58:30

Time Off Btm:

2012.08.05 @ 21:04:00

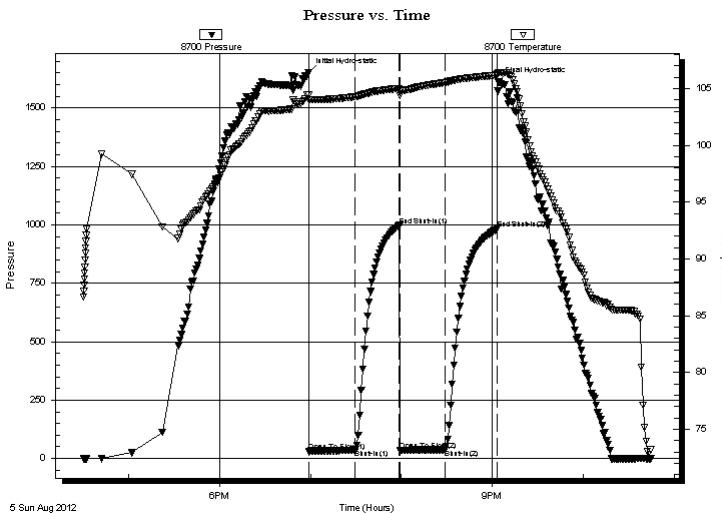
TEST COMMENT: IF 30 Weak blow on top of bkt. Died in 17 min.

IS 30 No blow back

FF 30 No blow

FS 30 No blow back

PRESSURE SUMMARY



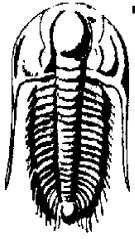
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1652.04	104.40	Initial Hydro-static
1	31.89	104.02	Open To Flow (1)
31	37.48	104.29	Shut-In(1)
60	997.85	105.02	End Shut-In(1)
61	35.20	104.36	Open To Flow (2)
90	37.71	105.53	Shut-In(2)
125	981.32	106.18	End Shut-In(2)
126	1612.95	106.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.14

Gas Rates

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



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H & C Oil Operations Inc.

26-8s-22w Graham, KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49384

DST#: 1

ATTN: Mike Bair

Test Start: 2012.08.05 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A & B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:59:00

Time Test Ended: 22:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Troy Leiker

Unit No: #42

Interval: 3406.00 ft (KB) To 3456.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press @ RunDepth: psig @ 3439.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.05 End Date: 2012.08.05

Last Calib.: 1899.12.30

Start Time: 16:29:35 End Time: 22:45:29

Time On Btm:

Time Off Btm:

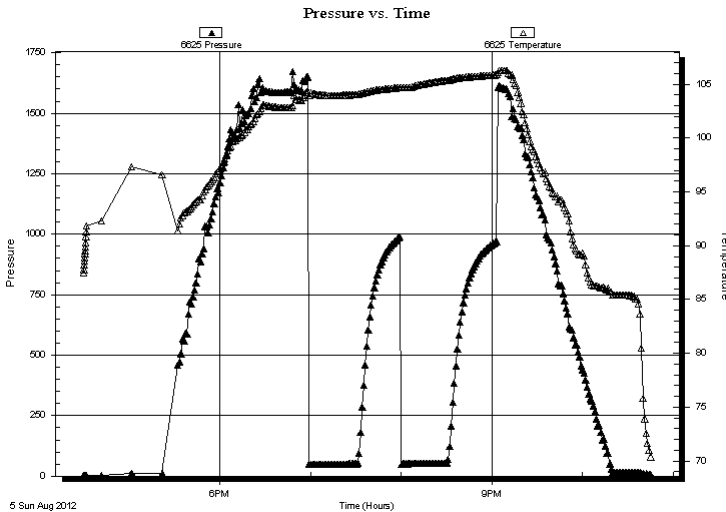
TEST COMMENT: IF 30 Weak blow on top of bkt. Died in 17 min.

IS 30 No blow back

FF 30 No blow

FS 30 No blow back

PRESSURE SUMMARY



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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.14

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49384

DST#: 1

ATTN: Mike Bair

Test Start: 2012.08.05 @ 16:30:00

Tool Information

Drill Pipe:	Length: 3397.00 ft	Diameter: 3.80 inches	Volume: 47.65 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 47.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3406.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3379.00	
Shut In Tool	5.00			3384.00	
Hydraulic tool	5.00			3389.00	
Jars	5.00			3394.00	
Safety Joint	2.00			3396.00	
Packer	5.00			3401.00	28.00 Bottom Of Top Packer
Packer	5.00			3406.00	
Stubb	1.00			3407.00	
Change Over Sub	1.00			3408.00	
Perforations	1.00			3409.00	
Drill Pipe	30.00			3439.00	
Recorder	0.00	6625	Inside	3439.00	
Recorder	0.00	8700	Outside	3439.00	
Change Over Sub	1.00			3440.00	
Perforations	13.00			3453.00	
Bullnose	3.00			3456.00	50.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49384

DST#: 1

ATTN: Mike Bair

Test Start: 2012.08.05 @ 16:30:00

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

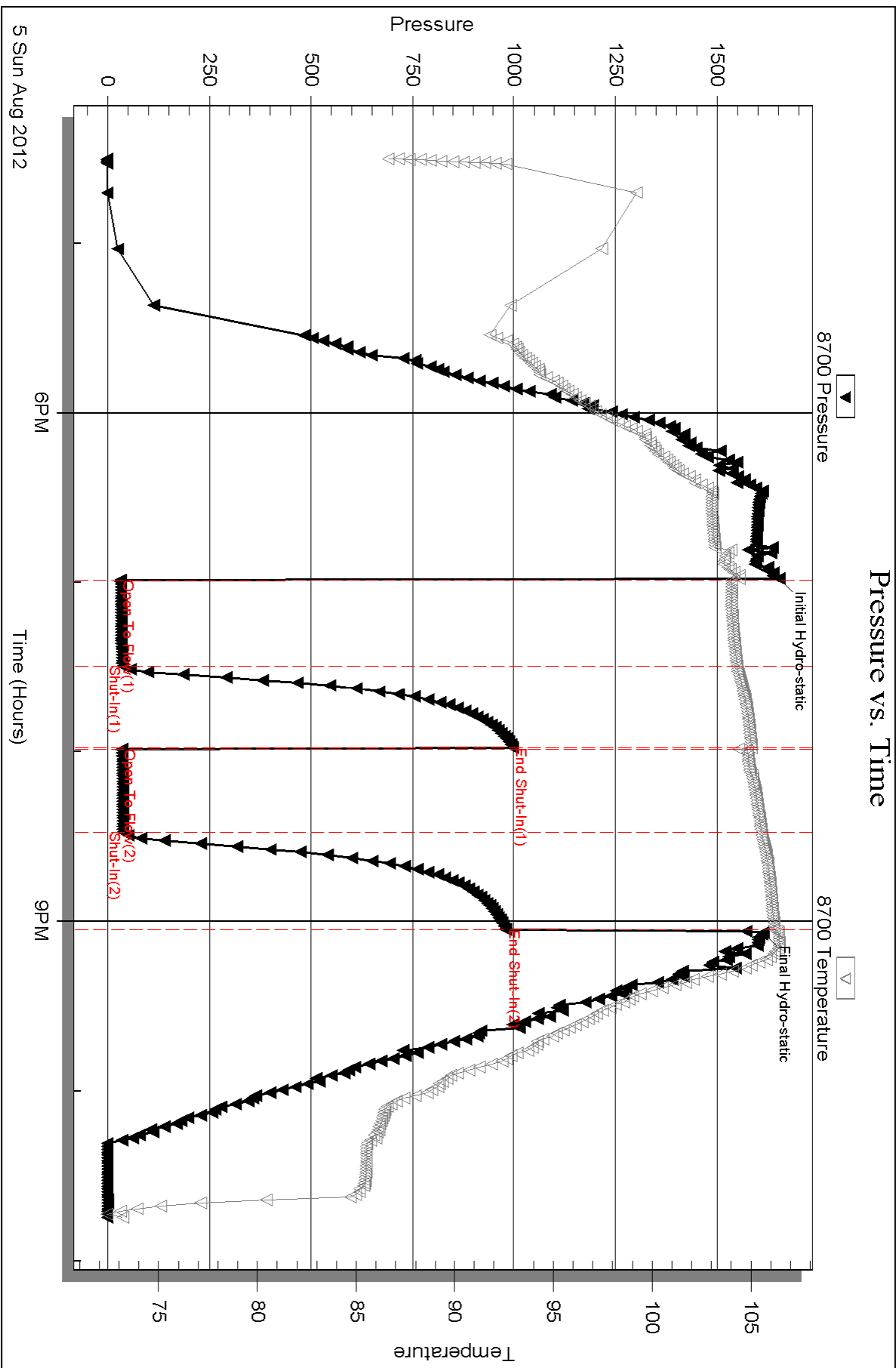
Recovery Comments:

Serial #: 8700

Outside H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 1



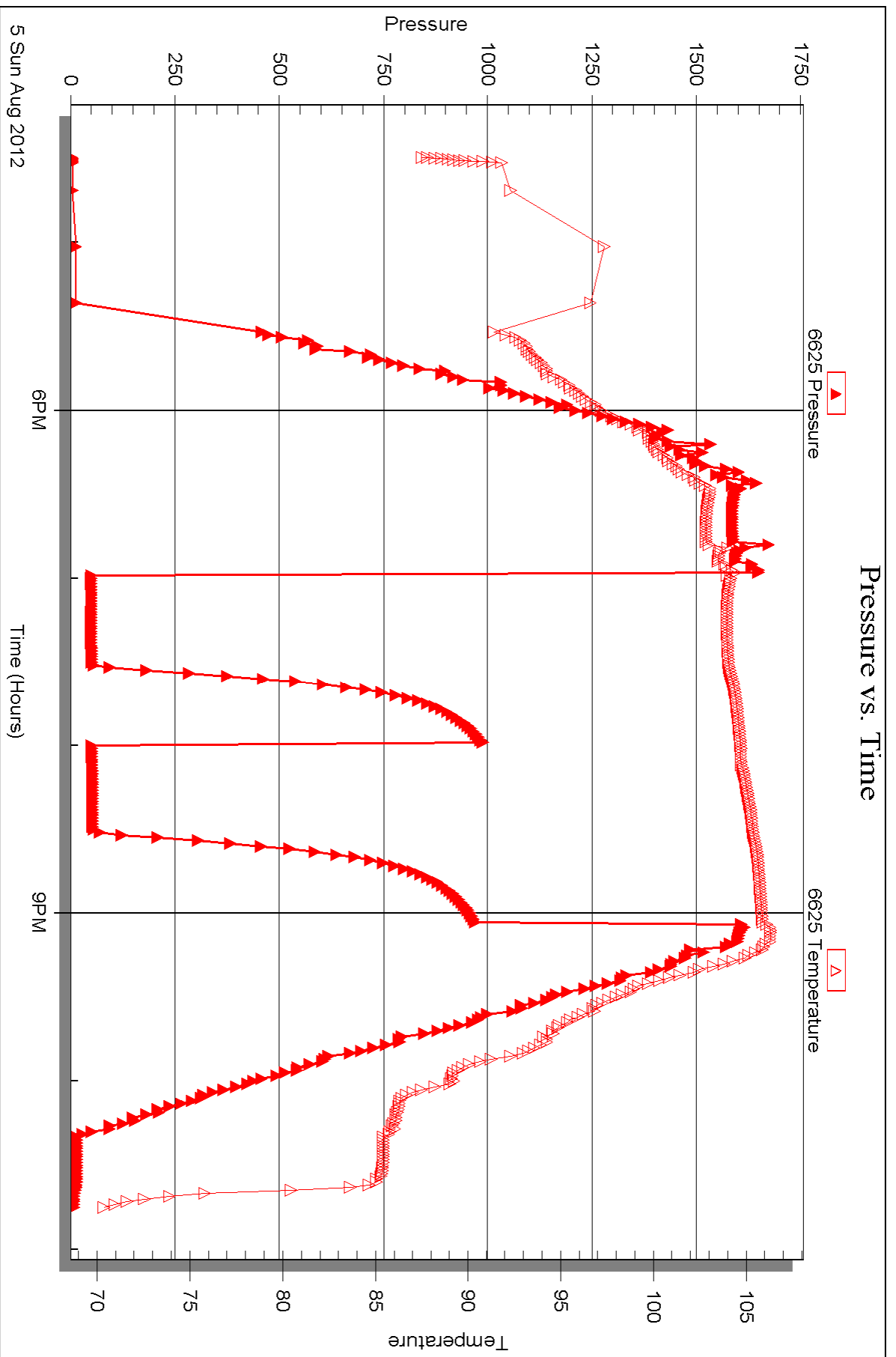
Serial #: 6625

Inside

H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 49384

Printed: 2012.08.13 @ 12:00:08



DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operations Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Mike Bair

Buss Farms #26-2

26-8s-22w Graham,KS

Start Date: 2012.08.06 @ 11:20:30

End Date: 2012.08.06 @ 16:46:00

Job Ticket #: 49385 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.13 @ 11:59:13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49385

DST#: 2

ATTN: Mike Bair

Test Start: 2012.08.06 @ 11:20:30

GENERAL INFORMATION:

Formation: **LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:20:30

Time Test Ended: 16:46:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Troy Leiker

Unit No: #42

Interval: 3475.00 ft (KB) To 3514.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3514.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press @ Run Depth: 22.84 psig @ 3476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.06

End Date:

2012.08.06

Last Calib.:

2012.08.06

Start Time: 11:20:35

End Time:

16:45:59

Time On Btm:

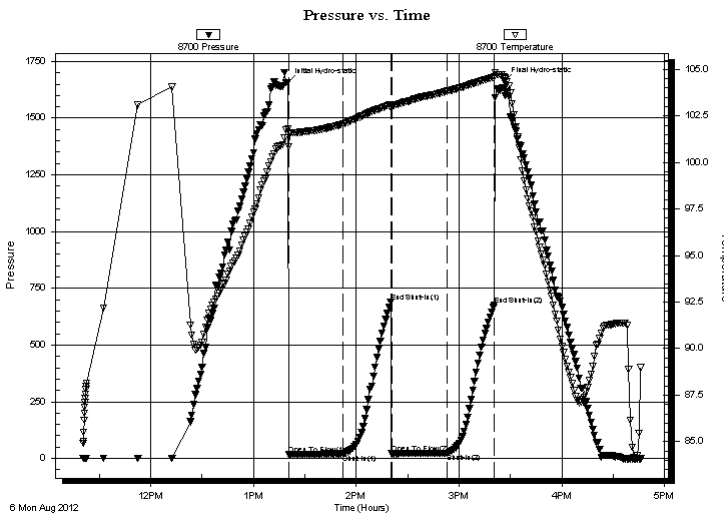
2012.08.06 @ 13:20:00

Time Off Btm:

2012.08.06 @ 15:26:30

TEST COMMENT: IF 30 Very Weak Blow on top of Bkt Died in 10 min.
IS 30 No blow back
FF 30 Small Surge When Tool Opened No Blow
FS 30 No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1658.09	101.80	Initial Hydro-static
1	17.53	100.83	Open To Flow (1)
32	20.42	102.07	Shut-In(1)
60	688.40	103.11	End Shut-In(1)
61	21.14	102.93	Open To Flow (2)
93	22.84	103.83	Shut-In(2)
121	676.50	104.59	End Shut-In(2)
127	1662.85	104.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100% _m	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49385

DST#: 2

ATTN: Mike Bair

Test Start: 2012.08.06 @ 11:20:30

Tool Information

Drill Pipe:	Length: 3425.00 ft	Diameter: 3.80 inches	Volume: 48.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3475.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3448.00	
Shut In Tool	5.00			3453.00	
Hydraulic tool	5.00			3458.00	
Jars	5.00			3463.00	
Safety Joint	2.00			3465.00	
Packer	5.00			3470.00	28.00 Bottom Of Top Packer
Packer	5.00			3475.00	
Stubb	1.00			3476.00	
Recorder	0.00	6625	Inside	3476.00	
Recorder	0.00	8700	Outside	3476.00	
Perforations	35.00			3511.00	
Bullnose	3.00			3514.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49385

DST#: 2

ATTN: Mike Bair

Test Start: 2012.08.06 @ 11:20:30

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100% _m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

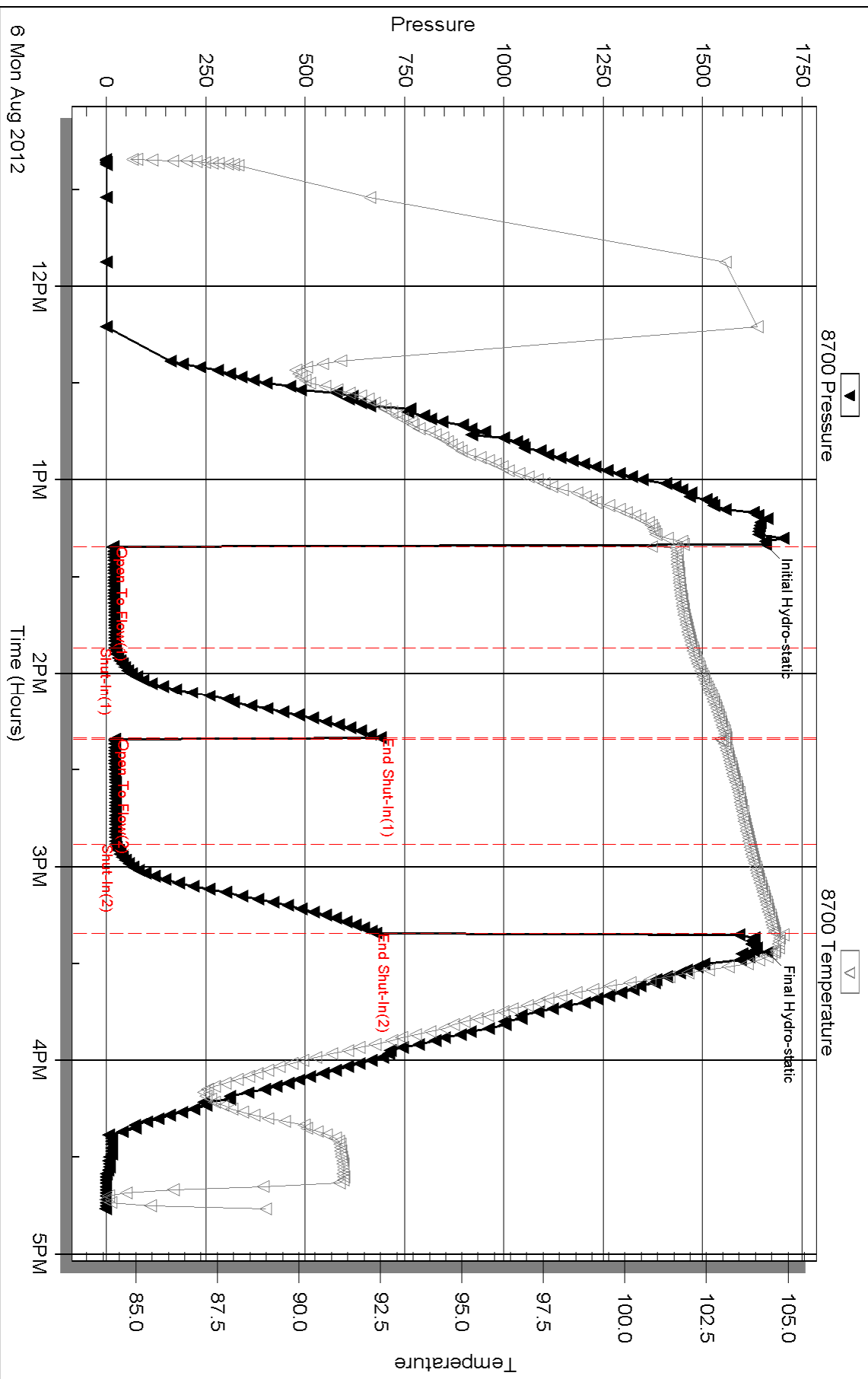
Serial #: 8700

Outside H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operations Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Mike Bair

Buss Farms #26-2

26-8s-22w Graham,KS

Start Date: 2012.08.07 @ 05:52:00

End Date: 2012.08.07 @ 10:23:00

Job Ticket #: 49386 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.13 @ 11:58:15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49386

DST#: 3

ATTN: Mike Bair

Test Start: 2012.08.07 @ 05:52:00

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:45:00

Time Test Ended: 10:23:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Troy Leiker

Unit No: #42

Interval: 3520.00 ft (KB) To 3588.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press @ RunDepth: 35.65 psig @ 3555.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.07 End Date: 2012.08.07

Last Calib.: 2012.08.07

Start Time: 05:52:05 End Time: 11:20:59

Time On Btm: 2012.08.07 @ 07:44:30

Time Off Btm: 2012.08.07 @ 09:46:00

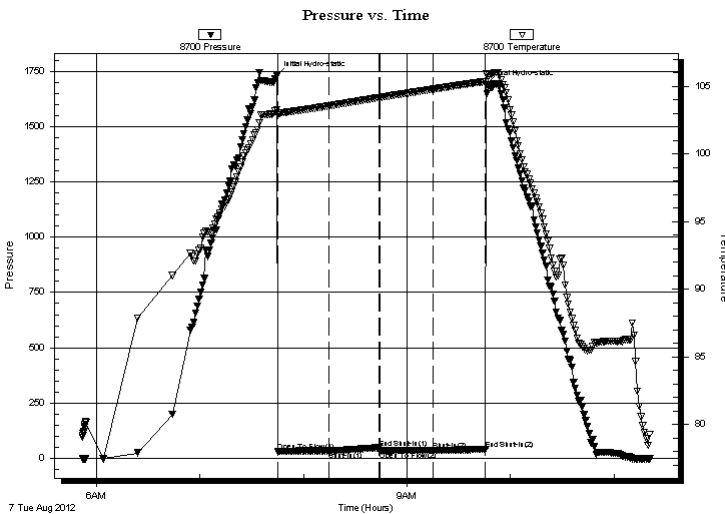
TEST COMMENT: IF 30 Weak Blow on top of Bkt. Died in 15 min.

IS 30 No Blow Back

FF 30 No Blow

FS 30 No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1728.44	103.29	Initial Hydro-static
1	33.22	102.90	Open To Flow (1)
31	34.74	103.57	Shut-In(1)
59	47.90	104.17	End Shut-In(1)
60	34.99	104.17	Open To Flow (2)
91	35.65	104.79	Shut-In(2)
121	41.75	105.37	End Shut-In(2)
122	1687.12	105.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100% _m	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
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DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham, KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49386 **DST#: 3**

ATTN: Mike Bair

Test Start: 2012.08.07 @ 05:52:00

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:45:00

Time Test Ended: 10:23:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Troy Leiker

Unit No: #42

Interval: 3520.00 ft (KB) To 3588.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press @ RunDepth: psig @ 3555.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.07

End Date:

2012.08.07

Last Calib.:

2012.08.07

Start Time:

05:52:19

End Time:

11:22:13

Time On Btm:

Time Off Btm:

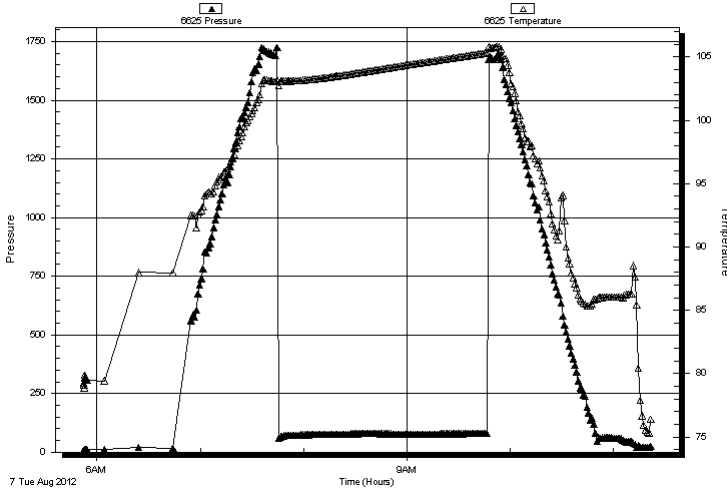
TEST COMMENT: IF 30 Weak Blow on top of Bkt. Died in 15 min.

IS 30 No Blow Back

FF 30 No Blow

FS 30 No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%m	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49386

DST#: 3

ATTN: Mike Bair

Test Start: 2012.08.07 @ 05:52:00

Tool Information

Drill Pipe:	Length: 3487.00 ft	Diameter: 3.80 inches	Volume: 48.91 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 49.06 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3520.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	68.00 ft				
Tool Length:	96.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3493.00	
Shut In Tool	5.00			3498.00	
Hydraulic tool	5.00			3503.00	
Jars	5.00			3508.00	
Safety Joint	2.00			3510.00	
Packer	5.00			3515.00	28.00 Bottom Of Top Packer
Packer	5.00			3520.00	
Stubb	1.00			3521.00	
Change Over Sub	1.00			3522.00	
Perforations	1.00			3523.00	
Drill Pipe	32.00			3555.00	
Recorder	0.00	6625	Inside	3555.00	
Recorder	0.00	8700	Outside	3555.00	
Change Over Sub	1.00			3556.00	
Perforations	29.00			3585.00	
Bullnose	3.00			3588.00	68.00 Bottom Packers & Anchor
Total Tool Length:	96.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49386

DST#: 3

ATTN: Mike Bair

Test Start: 2012.08.07 @ 05:52:00

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:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

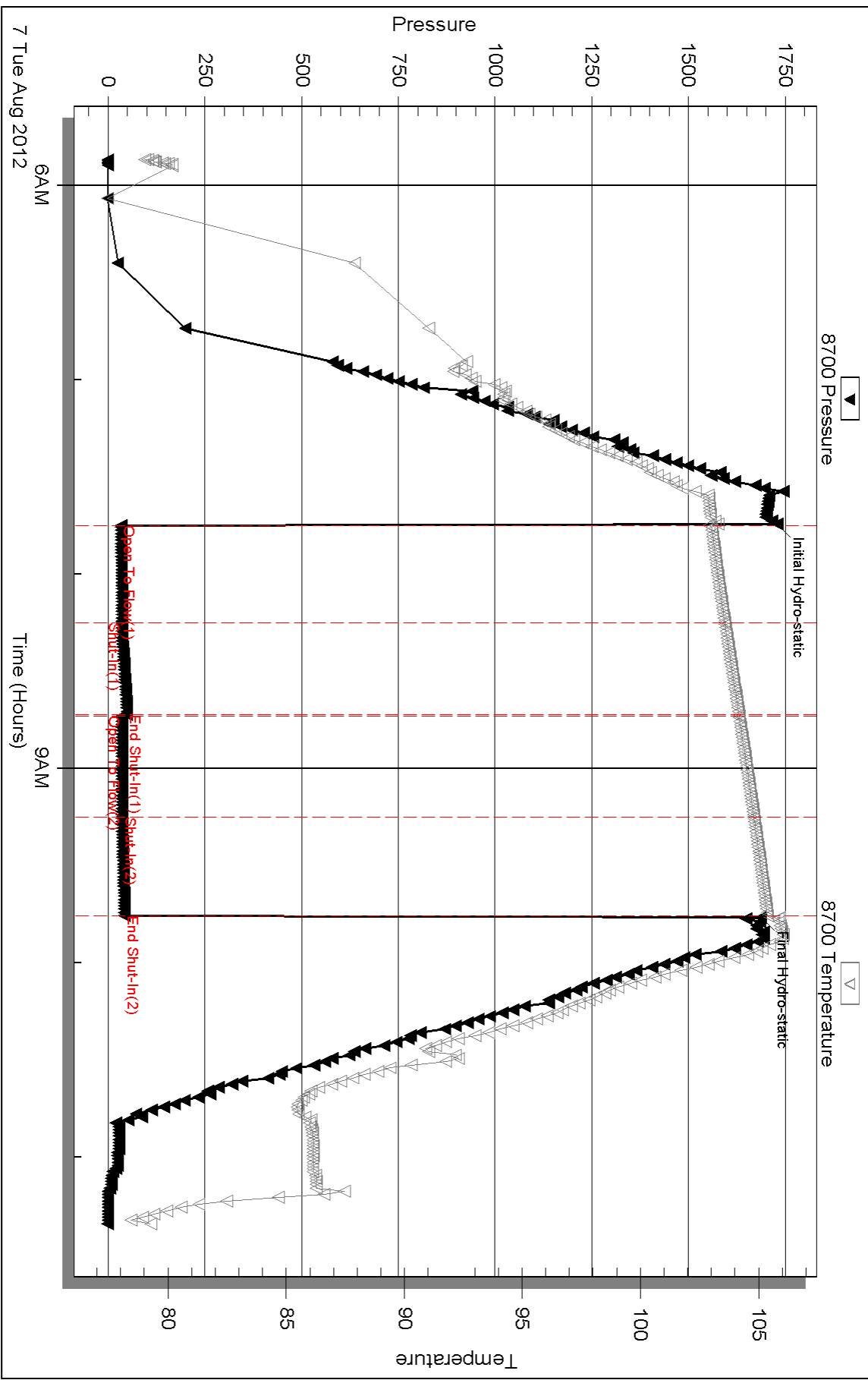
Serial #: 8700

Outside H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 3

Pressure vs. Time



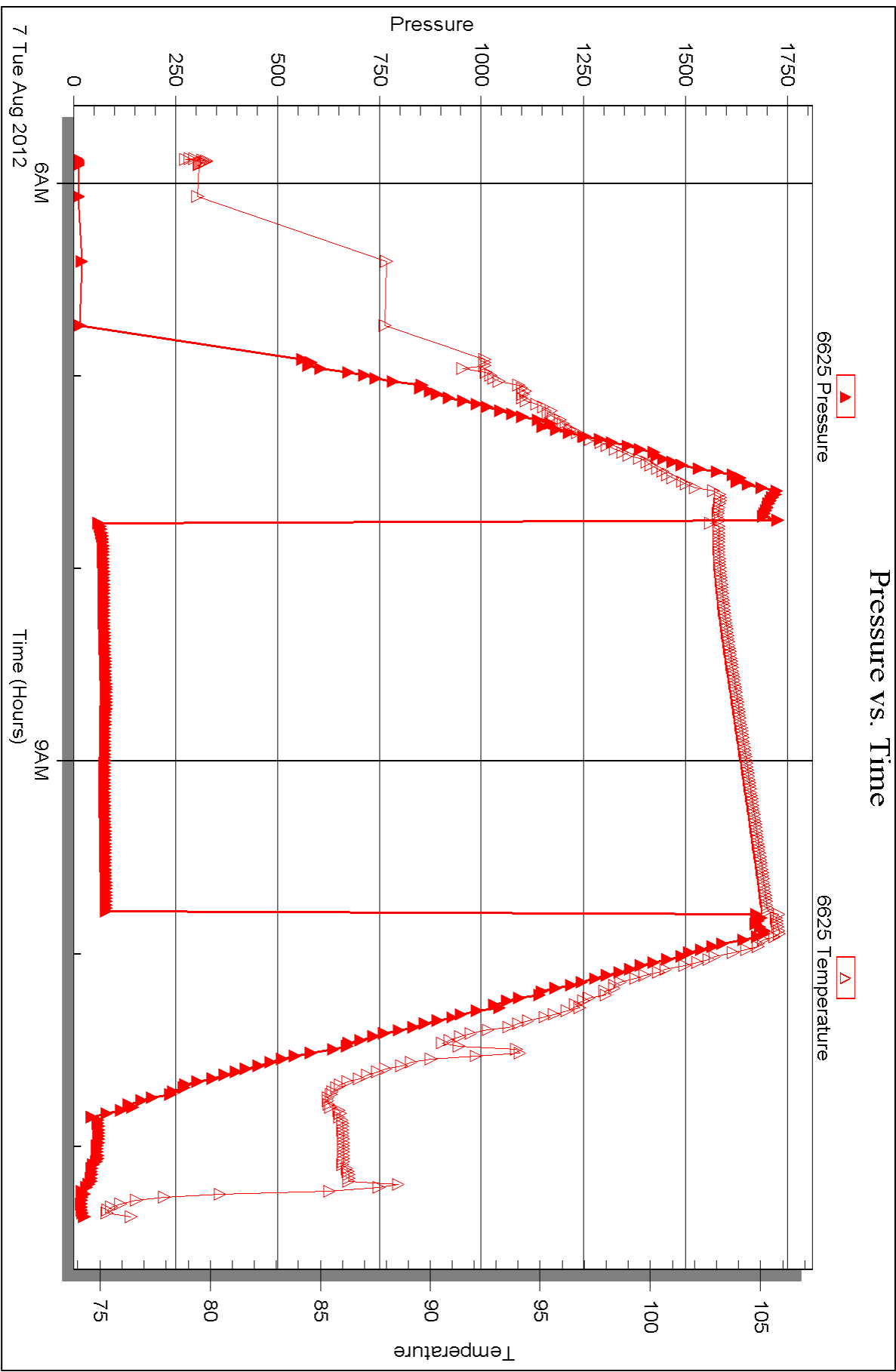
Serial #: 6625

Inside

H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operations Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Mike Bair

Buss Farms #26-2

26-8s-22w Graham,KS

Start Date: 2012.08.07 @ 19:25:00

End Date: 2012.08.08 @ 01:15:00

Job Ticket #: 49387 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.13 @ 11:57:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49387

DST#: 4

ATTN: Mike Bair

Test Start: 2012.08.07 @ 19:25:00

GENERAL INFORMATION:

Formation: **LKC K&L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:33:30
 Time Test Ended: 01:15:00
 Interval: **3581.00 ft (KB) To 3620.00 ft (KB) (TVD)**
 Total Depth: 3456.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Troy Leiker
 Unit No: #42
 Reference Elevations: 2180.00 ft (KB)
 2175.00 ft (CF)
 KB to GR/CF: 5.00 ft

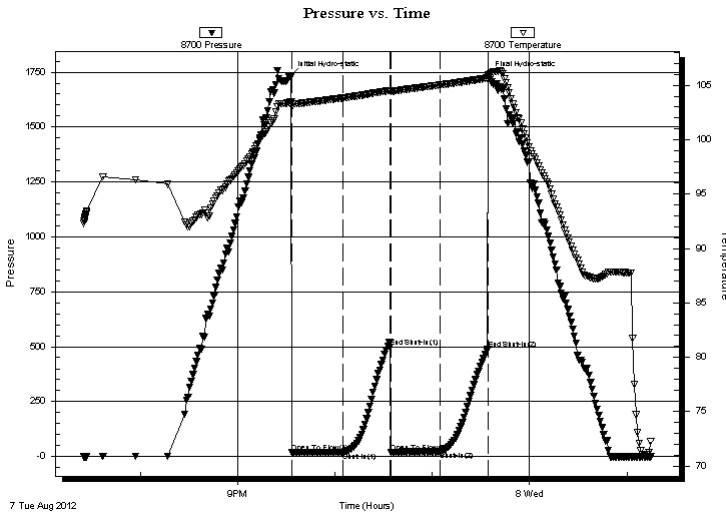
Serial #: 8700

Outside

Press @ Run Depth: 21.87 psig @ 3617.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.07 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 19:25:05 End Time: 01:14:59 Time On Btm: 2012.08.07 @ 21:33:00
 Time Off Btm: 2012.08.07 @ 23:34:30

TEST COMMENT: IF 30 Very Weak Blow on top of Bkt. Died in 12 min.
 IS 30 No Blow Back
 FF 30 No Blow
 FS 30 No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.16	103.54	Initial Hydro-static
1	17.36	102.99	Open To Flow (1)
32	19.29	103.85	Shut-In(1)
61	499.16	104.52	End Shut-In(1)
62	20.18	104.43	Open To Flow (2)
92	21.87	105.04	Shut-In(2)
121	488.81	105.67	End Shut-In(2)
122	1734.94	105.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham, KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49387

DST#: 4

ATTN: Mike Bair

Test Start: 2012.08.07 @ 19:25:00

GENERAL INFORMATION:

Formation: **LKC K&L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:33:30

Time Test Ended: 01:15:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Troy Leiker

Unit No: #42

Interval: 3581.00 ft (KB) To 3620.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @ Run Depth: psig @ 3617.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.07 End Date: 2012.08.08

Last Calib.: 2012.08.08

Start Time: 19:24:05 End Time: 01:14:59

Time On Btm: 2012.08.07 @ 21:33:00

Time Off Btm:

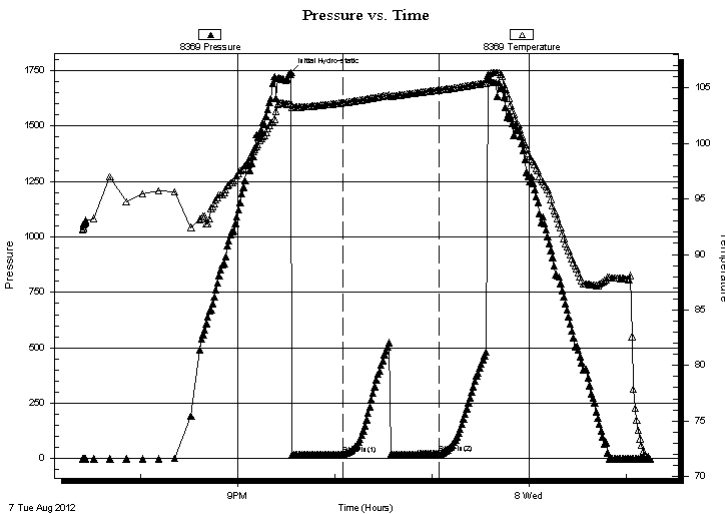
TEST COMMENT: IF 30 Very Weak Blow on top of Bkt. Died in 12 min.

IS 30 No Blow Back

FF 30 No Blow

FS 30 No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1741.42	103.58	Initial Hydro-static
32	19.32	103.67	Shut-In(1)
92	22.37	104.81	Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49387

DST#: 4

ATTN: Mike Bair

Test Start: 2012.08.07 @ 19:25:00

Tool Information

Drill Pipe:	Length: 3550.00 ft	Diameter: 3.80 inches	Volume: 49.80 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3581.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3554.00	
Shut In Tool	5.00			3559.00	
Hydraulic tool	5.00			3564.00	
Jars	5.00			3569.00	
Safety Joint	2.00			3571.00	
Packer	5.00			3576.00	28.00 Bottom Of Top Packer
Packer	5.00			3581.00	
Stubb	1.00			3582.00	
Perforations	35.00			3617.00	
Recorder	0.00	8369	Inside	3617.00	
Recorder	0.00	8700	Outside	3617.00	
Bullnose	3.00			3620.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49387

DST#: 4

ATTN: Mike Bair

Test Start: 2012.08.07 @ 19:25:00

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: 61.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 1.50 ohm.m

Gas Cushion Pressure: psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

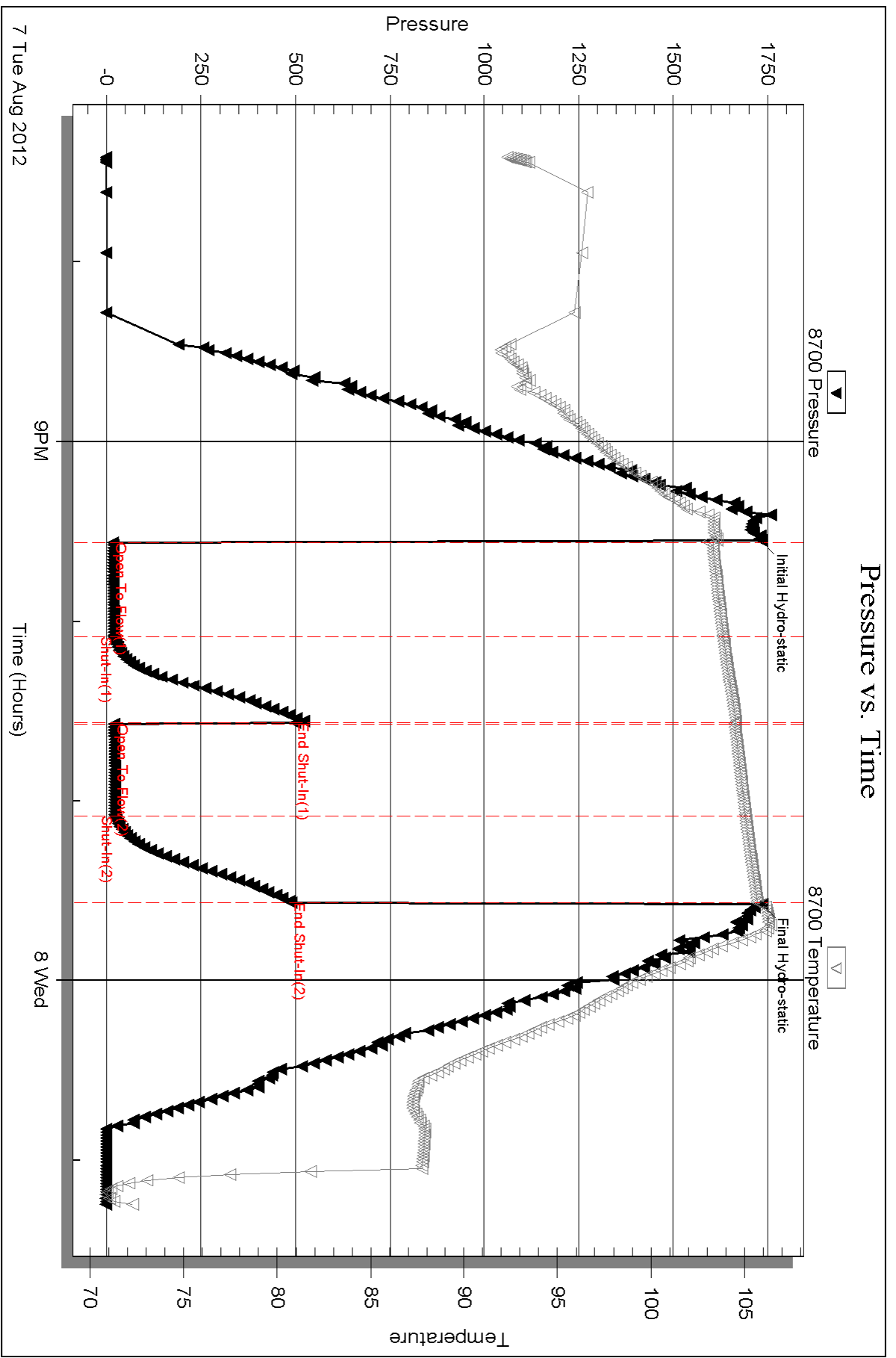
Num Gas Bombs: 0

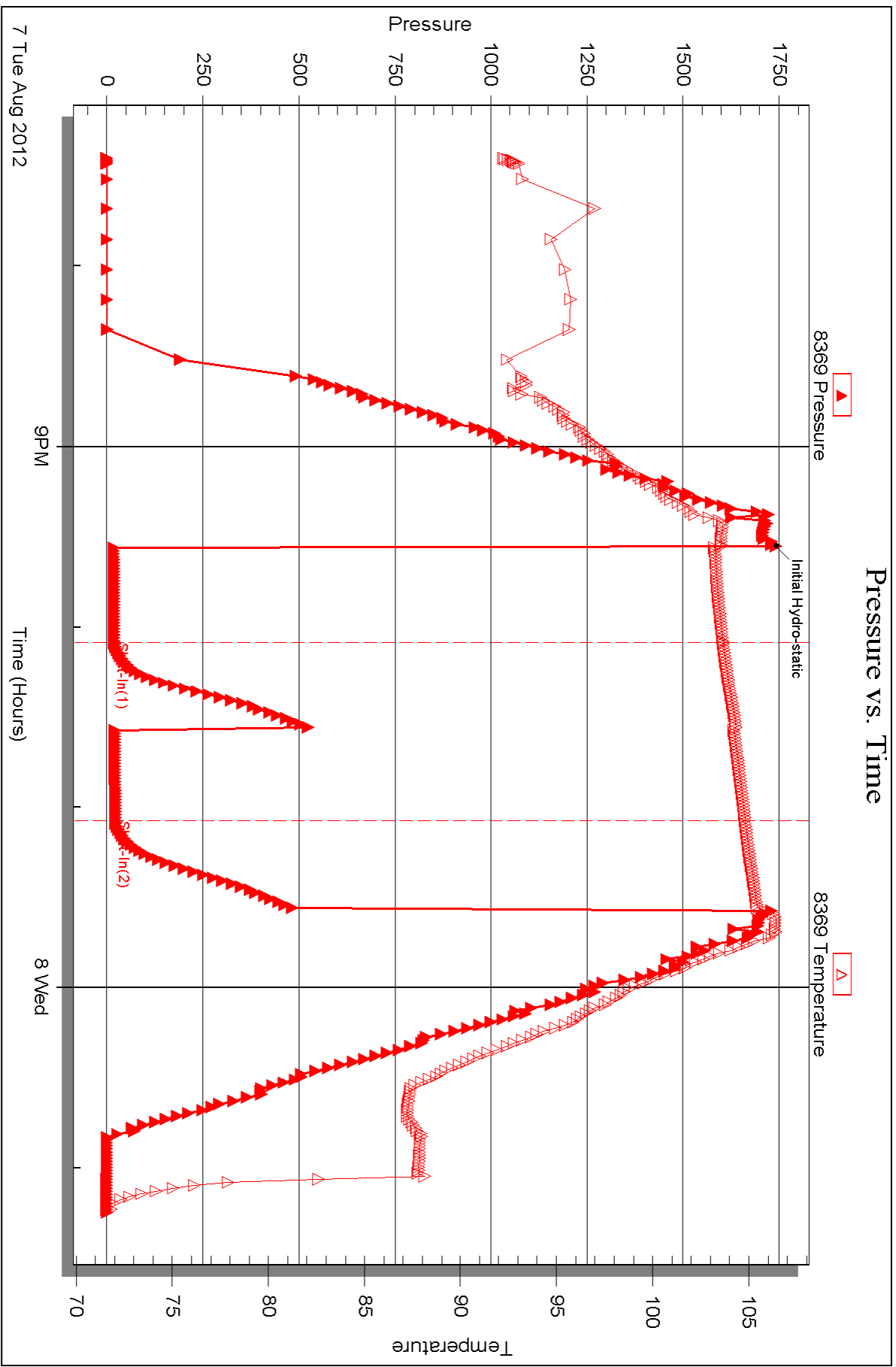
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operations Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Mike Bair

Buss Farms #26-2

26-8s-22w Graham,KS

Start Date: 2012.08.08 @ 17:05:00

End Date: 2012.08.08 @ 22:59:00

Job Ticket #: 49388 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.13 @ 11:56:38



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham, KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49388

DST#: 5

ATTN: Mike Bair

Test Start: 2012.08.08 @ 17:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:14:30

Time Test Ended: 22:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Troy Leiker

Unit No: #42

Interval: 3668.00 ft (KB) To 3756.00 ft (KB) (TVD)

Reference Elevations: 2180.00 ft (KB)

Total Depth: 3756.00 ft (KB) (TVD)

2175.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press @ Run Depth: 65.34 psig @ 3733.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.08

End Date: 2012.08.08

Last Calib.: 2012.08.08

Start Time: 17:05:05

End Time: 22:58:59

Time On Btm: 2012.08.08 @ 19:14:00

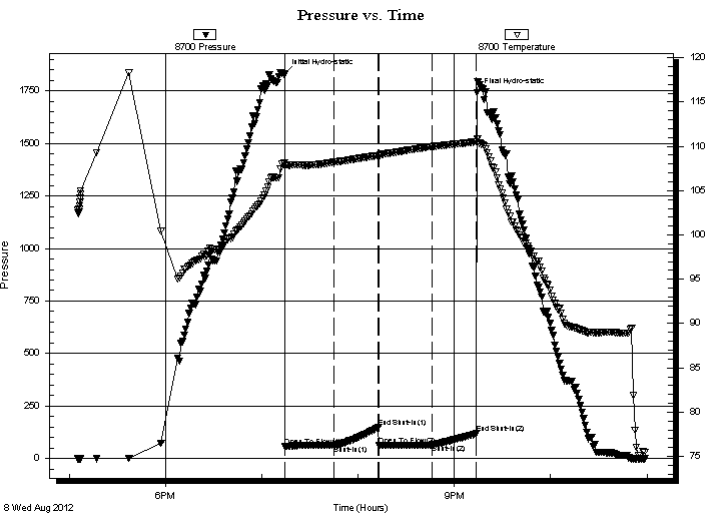
Time Off Btm: 2012.08.08 @ 21:14:00

TEST COMMENT: IF 30 Very Weak Blow on top of Bkt. Died in 12 min.

IS 30 No Blow Back

FF 30 No Blow

FS 30 No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1830.49	108.13	Initial Hydro-static
1	56.17	107.77	Open To Flow (1)
31	62.53	108.21	Shut-In(1)
59	148.23	108.98	End Shut-In(1)
59	62.42	108.96	Open To Flow (2)
92	65.34	109.97	Shut-In(2)
120	118.17	110.52	End Shut-In(2)
120	1742.19	110.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100% _m	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H & C Oil Operations Inc.

26-8s-22w Graham, KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49388

DST#: 5

ATTN: Mike Bair

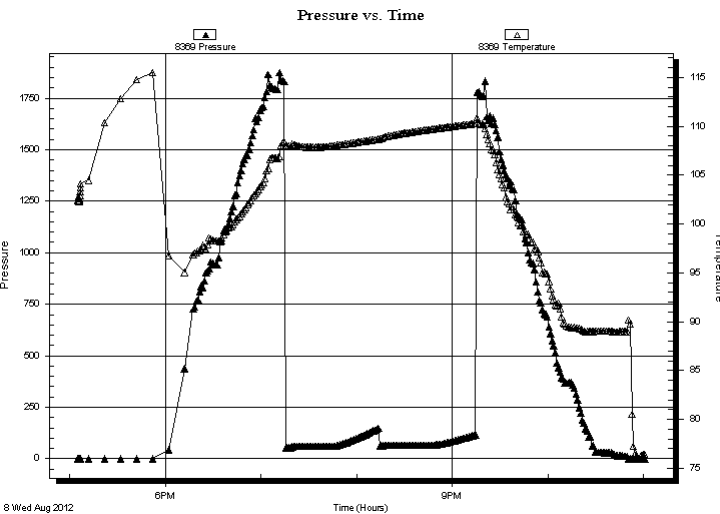
Test Start: 2012.08.08 @ 17:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:14:30
 Tester: Troy Leiker
 Time Test Ended: 22:59:00
 Unit No: #42
 Interval: **3668.00 ft (KB) To 3756.00 ft (KB) (TVD)**
 Reference Elevations: 2180.00 ft (KB)
 Total Depth: 3756.00 ft (KB) (TVD)
 2175.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: psig @ 3733.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 17:05:05 End Time: 23:00:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF 30 Very Weak Blow on top of Bkt. Died in 12 min.
 IS 30 No Blow Back
 FF 30 No Blow
 FS 30 No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100% _m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49388

DST#: 5

ATTN: Mike Bair

Test Start: 2012.08.08 @ 17:05:00

Tool Information

Drill Pipe:	Length: 3614.00 ft	Diameter: 3.80 inches	Volume: 50.69 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 50.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3668.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	116.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3641.00	
Shut In Tool	5.00			3646.00	
Hydraulic tool	5.00			3651.00	
Jars	5.00			3656.00	
Safety Joint	2.00			3658.00	
Packer	5.00			3663.00	28.00 Bottom Of Top Packer
Packer	5.00			3668.00	
Stubb	1.00			3669.00	
Perforations	1.00			3670.00	
Change Over Sub	1.00			3671.00	
Drill Pipe	62.00	Outside		3733.00	
Recorder	0.00	8369	Inside	3733.00	
Recorder	0.00	8700	Outside	3733.00	
Change Over Sub	1.00			3734.00	
Perforations	19.00			3753.00	
Bullnose	3.00			3756.00	88.00 Bottom Packers & Anchor
Total Tool Length:	116.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H & C Oil Operations Inc.

26-8s-22w Graham,KS

PO Box 86
Plainville, KS 67663

Buss Farms #26-2

Job Ticket: 49388

DST#: 5

ATTN: Mike Bair

Test Start: 2012.08.08 @ 17:05:00

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: 70.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

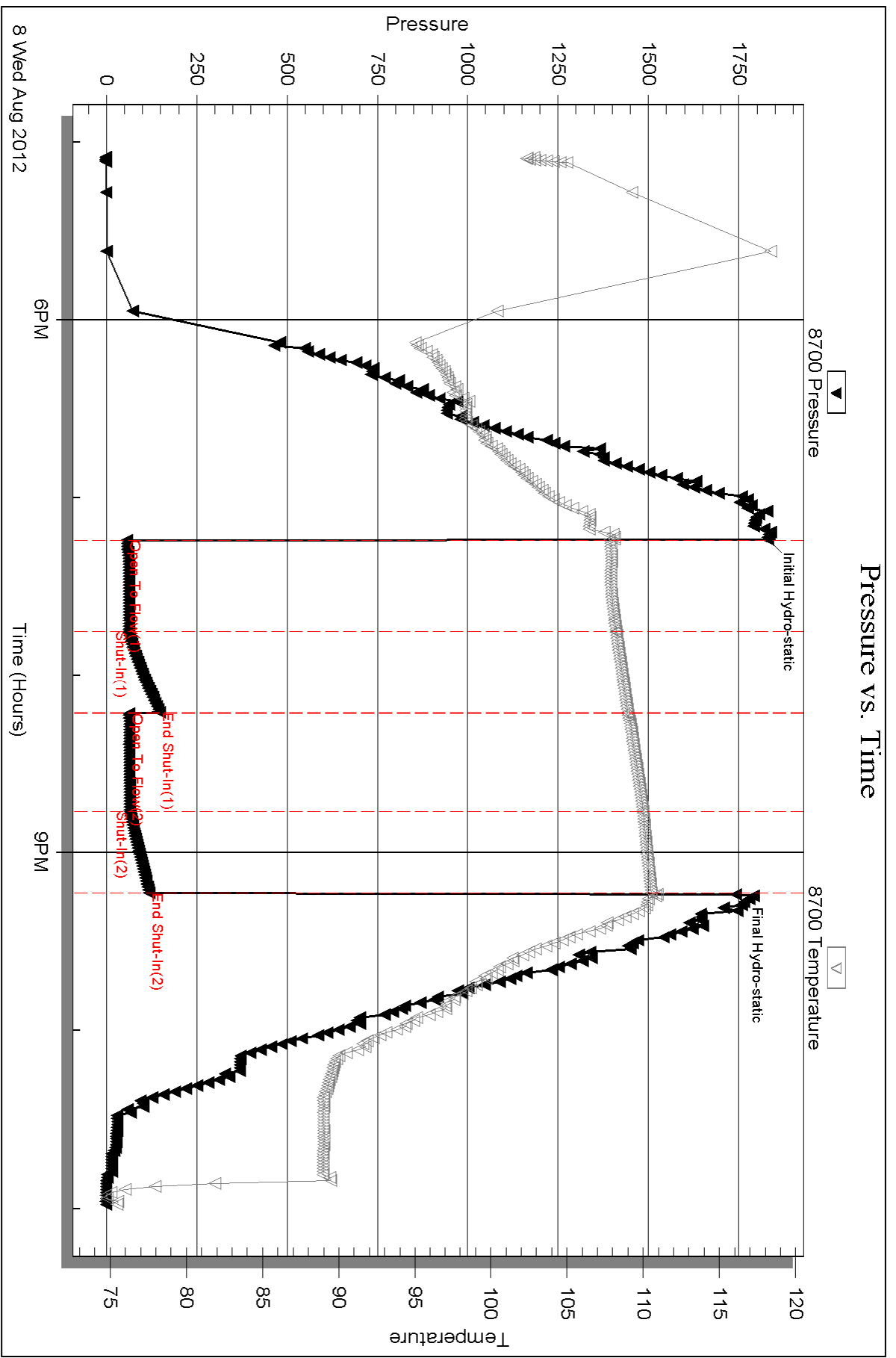
Recovery Comments:

Serial #: 8700

Outside H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 49388

Printed: 2012.08.13 @ 11:56:41

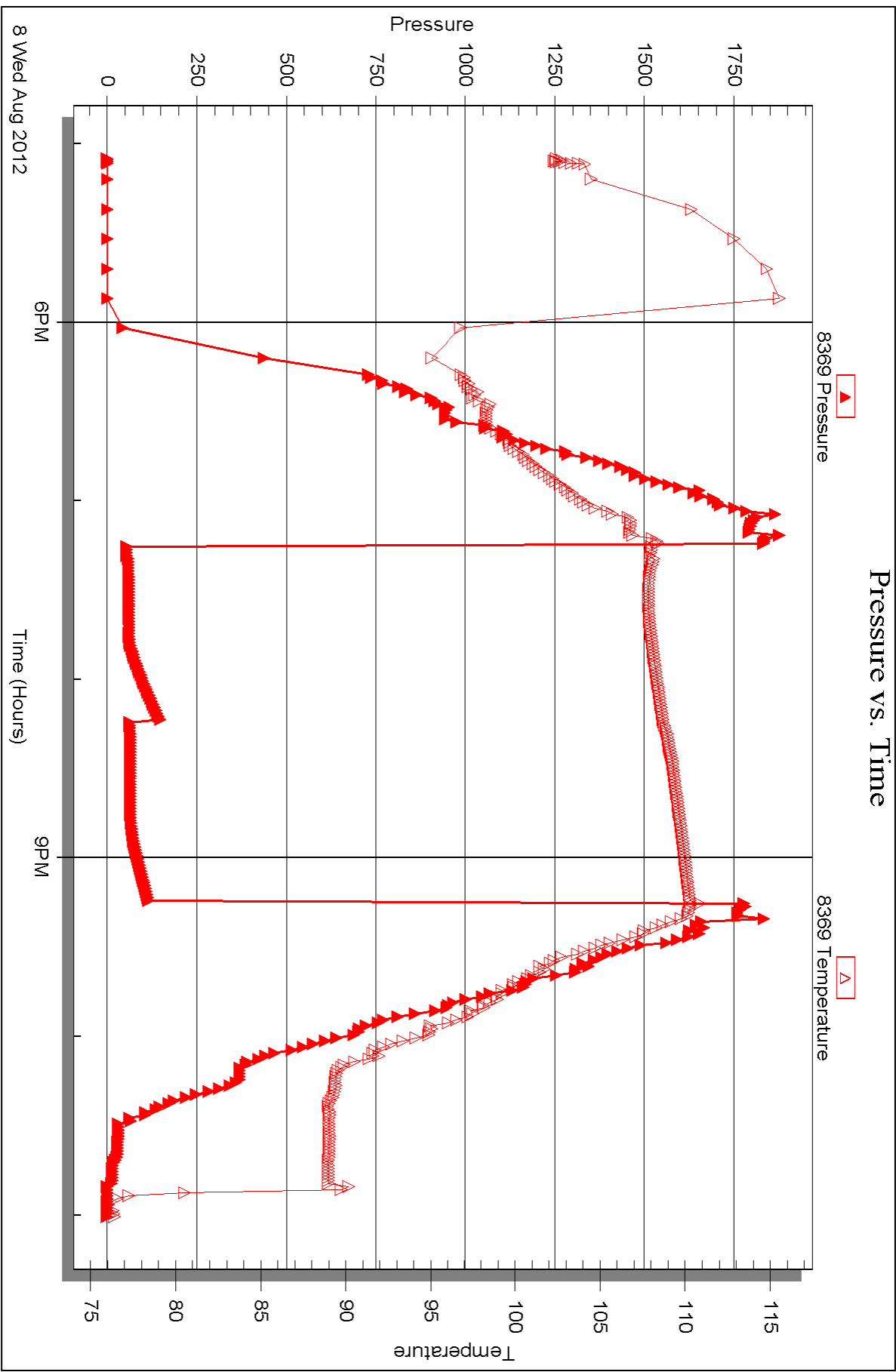
Serial #: 8369

Inside

H & C Oil Operations Inc.

Buss Farms #26-2

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 49388

Printed: 2012.08.13 @ 11:56:42



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49384

4/10

Well Name & No. Buss Farms #26-2 Test No. 1 Date 8-5-12
 Company H&C Oil Operations, Inc. Elevation 2180 KB 2175 GL
 Address P.O. Box 86 Plainville, KS. 67663
 Co. Rep / Geo. Mike Bair Rig American Eagle Rig #3
 Location: Sec. 26 Twp. 8 S Rge. 22 W Co. Graham State KS.

Interval Tested 3406 - 3456 Zone Tested Lansing KC A & B
 Anchor Length 50' Drill Pipe Run 3397 Mud Wt. 8.7
 Top Packer Depth 3401 Drill Collars Run 0 Vis 70
 Bottom Packer Depth 3406 Wt. Pipe Run 0 WL 7.6
 Total Depth 3456 Chlorides 800 ppm System LCM 2

Blow Description 1st Flow - Very Weak Blow on top of OKT. Died in 17 min.
1st Shut - no Blow back
2nd Flow - no Blow
2nd Shut - no Blow back

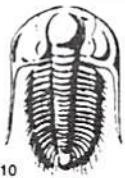
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud 100% m</u>			<u>100</u>	

Rec Total 10' BHT 94° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1652</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>1:30 pm</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>4:30 pm</u>
(C) First Final Flow <u>37</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>7:00 pm</u>
(D) Initial Shut-In <u>997</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>9:00 pm</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:45 pm</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>68 x 2 Hays</u> 210.80	Comments _____
(G) Final Shut-In <u>981</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1412</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1685.80</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1685.80</u>	

Approved By _____ Our Representative Troy Keiter

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49385

4/10

Well Name & No. Buss Farms #26-2 Test No. 2 Date 8-6-12
 Company H&C Oil Operations, INC Elevation 2180 KB 2175 GL
 Address P.O. Box 86 Plainville, KS. 67663
 Co. Rep / Geo. Mike Bair Rig American Eagle Rig #3
 Location: Sec. 26 Twp. 8 S Rge. 22 W Co. Graham State KS.

Interval Tested 3475 - 3514 Zone Tested Lansing KC C zone
 Anchor Length 39' Drill Pipe Run 3425' Mud Wt. 8.7
 Top Packer Depth 3470 Drill Collars Run 30' Vis 54
 Bottom Packer Depth 3475 Wt. Pipe Run 0 WL 8.0
 Total Depth 3514 Chlorides 1,000 ppm System LCM 2

Blow Description 1st Flow - Very weak Blow on top of BKT, Died in 10 min.
1st shut - no Blow Back
2nd Flow - Small surge when tool opened, no Blow
2nd shut - no Blow Back

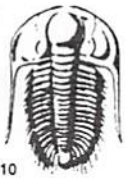
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 104' Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1658 Test 1150 T-On Location 10:15 AM
 (B) First Initial Flow 17 Jars 250 T-Started 11:20 AM
 (C) First Final Flow 20 Safety Joint 75 T-Open 1:30 PM
 (D) Initial Shut-In 688 Circ Sub _____ T-Pulled 3:30 PM
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 4:55 PM
 (F) Second Final Flow 22 Mileage 68x2 210.80 Hays Comments _____
 (G) Final Shut-In 676 Sampler _____
 (H) Final Hydrostatic 1662 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1685.80
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1685.80

Approved By _____ Our Representative Troy Leiker

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49386

4/10

Well Name & No. Buss Farms #26-2 Test No. 3 Date 8-6-12
 Company H & C Oil Operations, Inc. Elevation 2180 KB 2175 GL
 Address P.O. Box 86 Plainville, KS. 67663
 Co. Rep / Geo. Mike Bair Rig American Eagle #3
 Location: Sec. 26 Twp. 85 Rge. 22 W Co. Graham State KS.

Interval Tested 3520-3588 Zone Tested Lansing KC H, I, J
 Anchor Length 68' Drill Pipe Run 3487 ~~2500~~ ~~2500~~ Mud Wt. 8.7
 Top Packer Depth 3515 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3520 Wt. Pipe Run 0 WL 8.0
 Total Depth 3588 Chlorides 1,000 ppm System LCM 2
 Blow Description 1st Flow - Weak Blow on Top of BKT, Died in 15min.
1st Shut - no Blow Back
2nd Flow - no Blow
2nd Shut - no Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud</u>			<u>100</u>	

Rec Total 3 BHT 94° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1728 Test 1150 T-On Location 1:45 Am
 (B) First Initial Flow 33 Jars 250 T-Started 5:52 Am
 (C) First Final Flow 34 Safety Joint 75 T-Open 7:46 Am
 (D) Initial Shut-In 47 Circ Sub _____ T-Pulled 9:46 Am
 (E) Second Initial Flow 34 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 35 Mileage 68 x 2 210.80 Hays Comments _____
 (G) Final Shut-In 41 Sampler _____
 (H) Final Hydrostatic 1687 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1685.80
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1685.80

Approved By _____ Our Representative Troy Leiker

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILLOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49387

4/10

Well Name & No. Buss Farms #26-2 Test No. 4 Date 8-7-12
 Company H&C Oil Operations, Inc. Elevation 2180 KB 2175 GL
 Address P.O. Box 86 Plainville, KS. 67663
 Co. Rep / Geo. Mike Bair Rig American Eagle #3
 Location: Sec. 26 Twp. 8 S Rge. 22 W Co. Graham State KS.

Interval Tested 3581 - 3620 Zone Tested Lansing KC K&L zones
 Anchor Length 39' Drill Pipe Run 3550 Mud Wt. 8.9
 Top Packer Depth 3576 Drill Collars Run 30 Vis 61
 Bottom Packer Depth 3581 Wt. Pipe Run 0 WL 8.0
 Total Depth 3620 Chlorides 1,000 ppm System LCM ~~4.5~~ 1 1/2
 Blow Description 1st Flow - Very Weak Bbw on top of BKT, died in 11 min.
1st Shut - no Blow Back
2nd Flow - no Blow
2nd Shut - no Blow Back

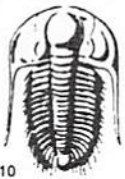
Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud</u>			<u>100</u>	

Rec Total 3' BHT 93° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1732</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>6:30 PM</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>7:25 PM</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>9:35 PM</u>
(D) Initial Shut-In <u>499</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>11:35 PM</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1:16 AM</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>68 x 2 Hays</u> 210.80	Comments _____
(G) Final Shut-In <u>488</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1734</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1685.80</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1685.80</u>	

Approved By _____ Our Representative Troy Leiker

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49388

4/10

Well Name & No. Buss Farms #26-2 Test No. 5 Date 8-8-12
 Company H&C Oil Operations, Inc. Elevation 2180 KB 2175 GL
 Address P.O. Box 86 Plainville, KS. 67663
 Co. Rep / Geo. Mike Bair Rig American Eagle #3
 Location: Sec. 26 Twp. 8 S Rge. 22 W Co. Graham State KS.

Interval Tested 3668-3756 Zone Tested Arbuckle
 Anchor Length 88' Drill Pipe Run 3614 Mud Wt. 9
 Top Packer Depth 3663 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3668 Wt. Pipe Run 0 WL 8.0
 Total Depth 3756 Chlorides 1500 ppm System LCM 1 1/2
 Blow Description 1st Flow - Very Weak Blow on Top of BKT, Died in 12 min.
1st Shut - no Blow Back
2nd Flow - no Blow
2nd Shut - no Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 110 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1830 Test 1150 T-On Location 4:30 pm
 (B) First Initial Flow 56 Jars 250 T-Started 5:05 pm
 (C) First Final Flow 62 Safety Joint 75 T-Open 7:15 pm
 (D) Initial Shut-In 148 Circ Sub _____ T-Pulled 9:15 pm
 (E) Second Initial Flow 62 Hourly Standby _____ T-Out 11:00 pm
 (F) Second Final Flow 65 Mileage 68 x 2 210.80 Hays Comments _____
 (G) Final Shut-In 118 Sampler _____
 (H) Final Hydrostatic 1742 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1685.80
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1685.80

Approved By _____ Our Representative Troy Leiker

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