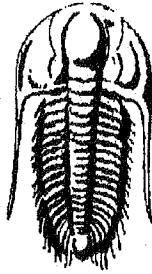


15-101-22149

8-19s-30w

Ind



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Road 4
Olmits, KS 67564-8561

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MAY 11 2009

KCC

ATTN: Bob Lewellyn

8 19s 30w Lane KS

Neeley #1-8

Start Date: 2009.01.18 @ 23:47:55

End Date: 2009.01.19 @ 08:37:35

Job Ticket #: 33582

DST #: 1

KANSAS CORPORATION COMMISSION

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Larson Engineering, Inc.

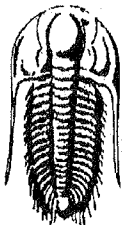
Neeley #1-8

8 19s 30w Lane KS

DST # 1

Lans H

2009.01.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Neeley #1-8

8 19s 30w Lane KS

Job Ticket: 33582

DST#: 1

Test Start: 2009.01.18 @ 23:47:55

GENERAL INFORMATION:

Formation: **Lans H**

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

Time Tool Opened: 02:55:20

Time Test Ended: 08:37:35

Interval: **4157.00 ft (KB) To 4188.00 ft (KB) (TVD)**

Total Depth: **4188.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **48**

Reference Elevations: **2904.00 ft (KB)**

2899.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353 **Inside**

Press@RunDepth: **39.15 psig @ 4158.00 ft (KB)**

Start Date: **2009.01.18**

End Date:

2009.01.19

Start Time: **23:47:55**

End Time:

08:37:35

Capacity: **7000.00 psig**

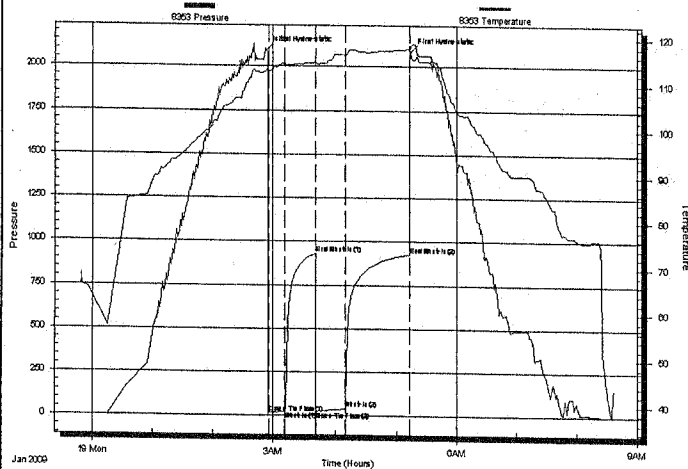
Last Calib.: **2009.01.19**

Time On Btm: **2009.01.19 @ 02:53:05**

Time Off Btm: **2009.01.19 @ 05:14:19**

TEST COMMENT: IF: Built to 3/4 inch.
IS: No return.
FF: 1/4 inch died in 22 mins.
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

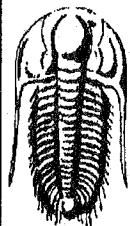
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.52	113.10	Initial Hydro-static
3	14.73	112.89	Open To Flow (1)
18	24.41	114.52	Shut-In(1)
48	931.82	114.73	End Shut-In(1)
48	26.02	114.53	Open To Flow (2)
77	39.15	116.34	Shut-In(2)
140	926.86	117.70	End Shut-In(2)
142	2082.11	118.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SWCM 10%w 90% m	0.15
0.00	GIP 0	0.00
0.00	RW = N/A	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33582

DST#: 1

ATTN: Bob Lewellyn

Test Start: 2009.01.18 @ 23:47:55

Tool Information

Drill Pipe:	Length: 3953.00 ft	Diameter: 3.80 inches	Volume: 55.45 bbl	Tool Weight: 1500.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	56.36 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4157.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

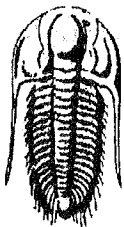
Tool Comments:

Tool Description

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

Change Over Sub	1.00			4130.00	
Shut In Tool	5.00			4135.00	
Hydraulic tool	5.00			4140.00	
Jars	5.00			4145.00	
Safety Joint	3.00			4148.00	
Packer	5.00			4153.00	28.00 Bottom Of Top Packer
Packer	4.00			4157.00	
Stubb	1.00			4158.00	
Recorder	0.00	8353	Inside	4158.00	
Recorder	0.00	6741	Inside	4158.00	
Perforations	25.00			4183.00	
Bullnose	5.00			4188.00	31.00 Bottom Packers & Anchor

Total Tool Length: 59.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33582

DST#: 1

ATTN: Bob Lewellyn

Test Start: 2009.01.18 @ 23:47:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.15 in³

Resistivity: 0.00 ohm.m

Salinity: 4400.00 ppm

Filter Cake: 1.00 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
30.00	SWCM 10%w 90%m	0.148
0.00	GIP 0	0.000
0.00	RW = N/A	0.000

Total Length:

30.00 ft

Total Volume:

0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

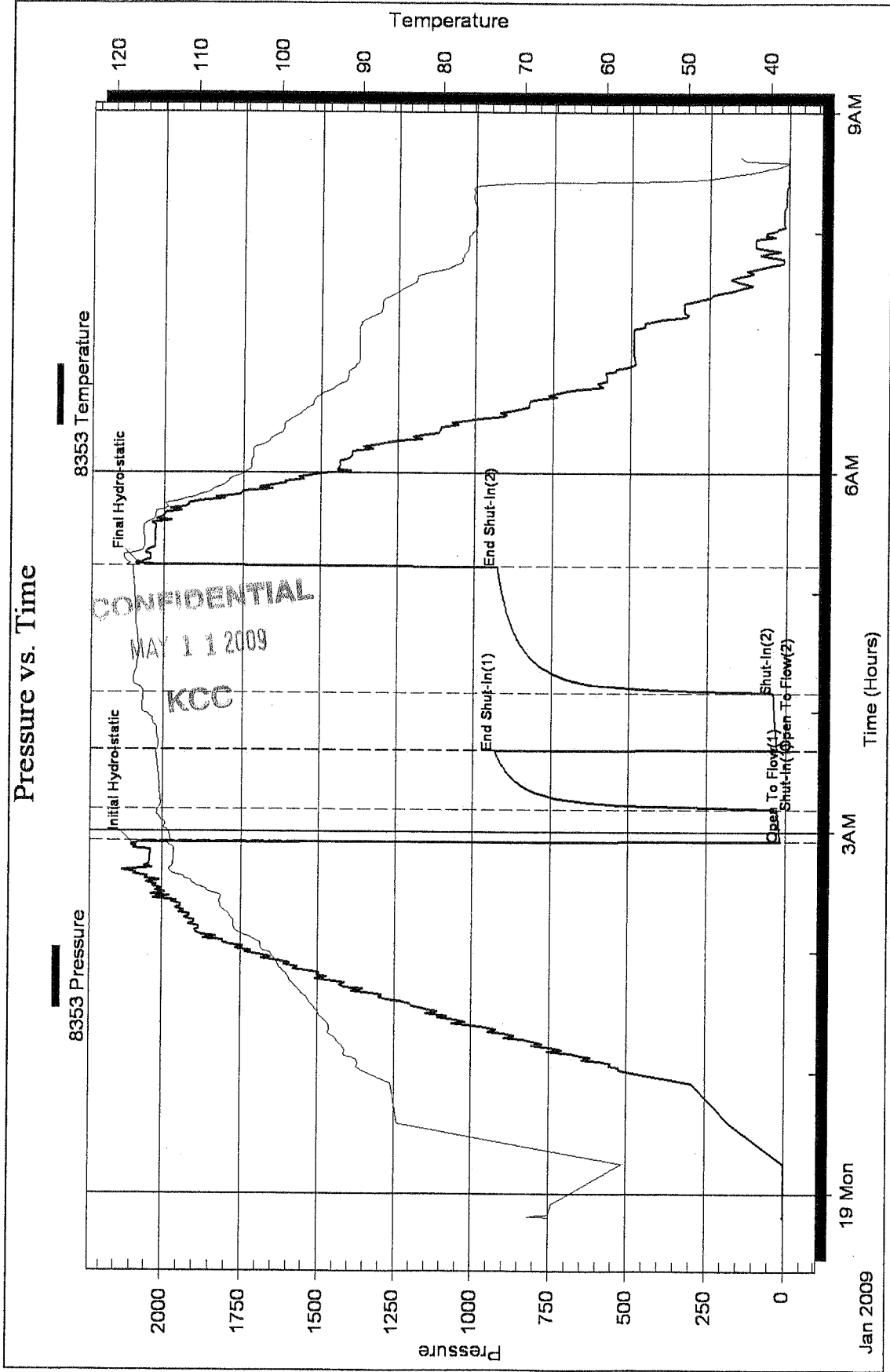
Inside

Larson Engineering, Inc.

8 19s 30w Lane KS

DST Test Number: 1

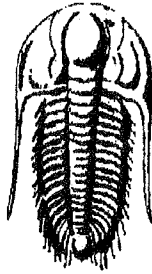
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 33582

Printed: 2009.01.29 @ 12:59:43 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

8 19s 30w Lane KS

Neeley #1-8

Start Date: 2009.01.20 @ 19:53:05

End Date: 2009.01.21 @ 03:29:29

Job Ticket #: 33583 DST #: 2

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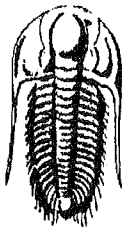
Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Neeley #1-8

8 19s 30w Lane KS

Job Ticket: 33583

DST#: 2

Test Start: 2009.01.20 @ 19:53:05

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:55:30

Time Test Ended: 03:29:29

Interval: **4400.00 ft (KB) To 4424.00 ft (KB) (TVD)**

Total Depth: **4424.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Reference Elevations: 2904.00 ft (KB)

2899.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353 Inside

Press@RunDepth: 247.04 psig @ 4401.00 ft (KB)

Start Date: 2009.01.20

End Date:

2009.01.21

Capacity: 7000.00 psig

Start Time: 19:53:05

End Time:

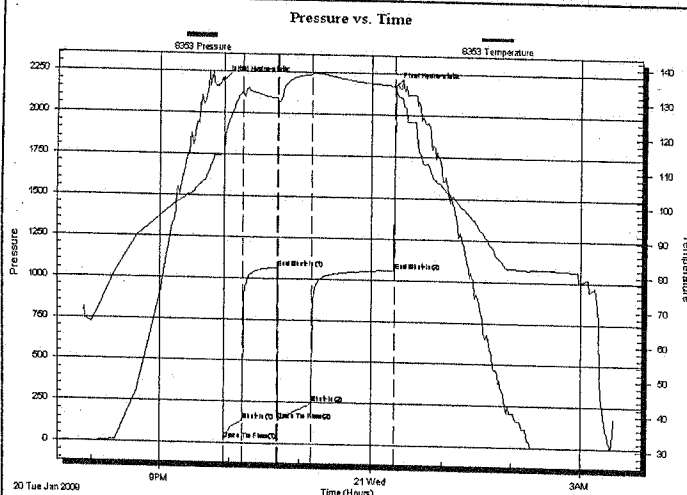
03:29:29

Last Calib.: 2009.01.21

Time On Btm: 2009.01.20 @ 21:55:15

Time Off Btm: 2009.01.21 @ 00:19:29

TEST COMMENT: IF: BOB in 11 mins.
IS: No return.
FF: BOB in 16 mins.
FS: No return.



PRESSURE SUMMARY

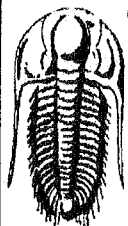
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.48	114.22	Initial Hydro-static
1	20.95	113.67	Open To Flow (1)
17	137.79	132.52	Shut-In(1)
46	1064.68	130.30	End Shut-In(1)
47	140.78	129.77	Open To Flow (2)
75	247.04	137.39	Shut-In(2)
144	1056.94	134.42	End Shut-In(2)
145	2176.33	133.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100% m	0.15
330.00	MCW 90% w 10% m	3.21
150.00	WCM 10% w 90% m	2.10
0.00	GIP 0	0.00
0.00	RW = .215@54F = 50000ppm	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33583

DST#: 2

ATTN: Bob Lewellyn

Test Start: 2009.01.20 @ 19:53:05

Tool Information

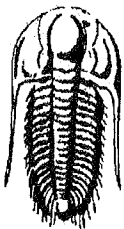
Drill Pipe:	Length: 4196.00 ft	Diameter: 3.80 inches	Volume: 58.86 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	59.77 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4400.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4373.00	
Shut In Tool	5.00			4378.00	
Hydraulic tool	5.00			4383.00	
Jars	5.00			4388.00	
Safety Joint	3.00			4391.00	
Packer	5.00			4396.00	28.00 Bottom Of Top Packer
Packer	4.00			4400.00	
Stubb	1.00			4401.00	
Recorder	0.00	8353	Inside	4401.00	
Recorder	0.00	6741	Inside	4401.00	
Perforations	18.00			4419.00	
Bullnose	5.00			4424.00	24.00 Bottom Packers & Anchor
Total Tool Length:		52.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33583

DST#: 2

ATTN: Bob Lewellyn

Test Start: 2009.01.20 @ 19:53:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 6.76 in³

Resistivity: 0.00 ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 50000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100%m	0.148
330.00	MCW 90%w 10%m	3.208
150.00	WCM 10%w 90%m	2.104
0.00	GIP 0	0.000
0.00	RW = .215@54F = 50000ppm	0.000

Total Length: 510.00 ft

Total Volume: 5.460 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

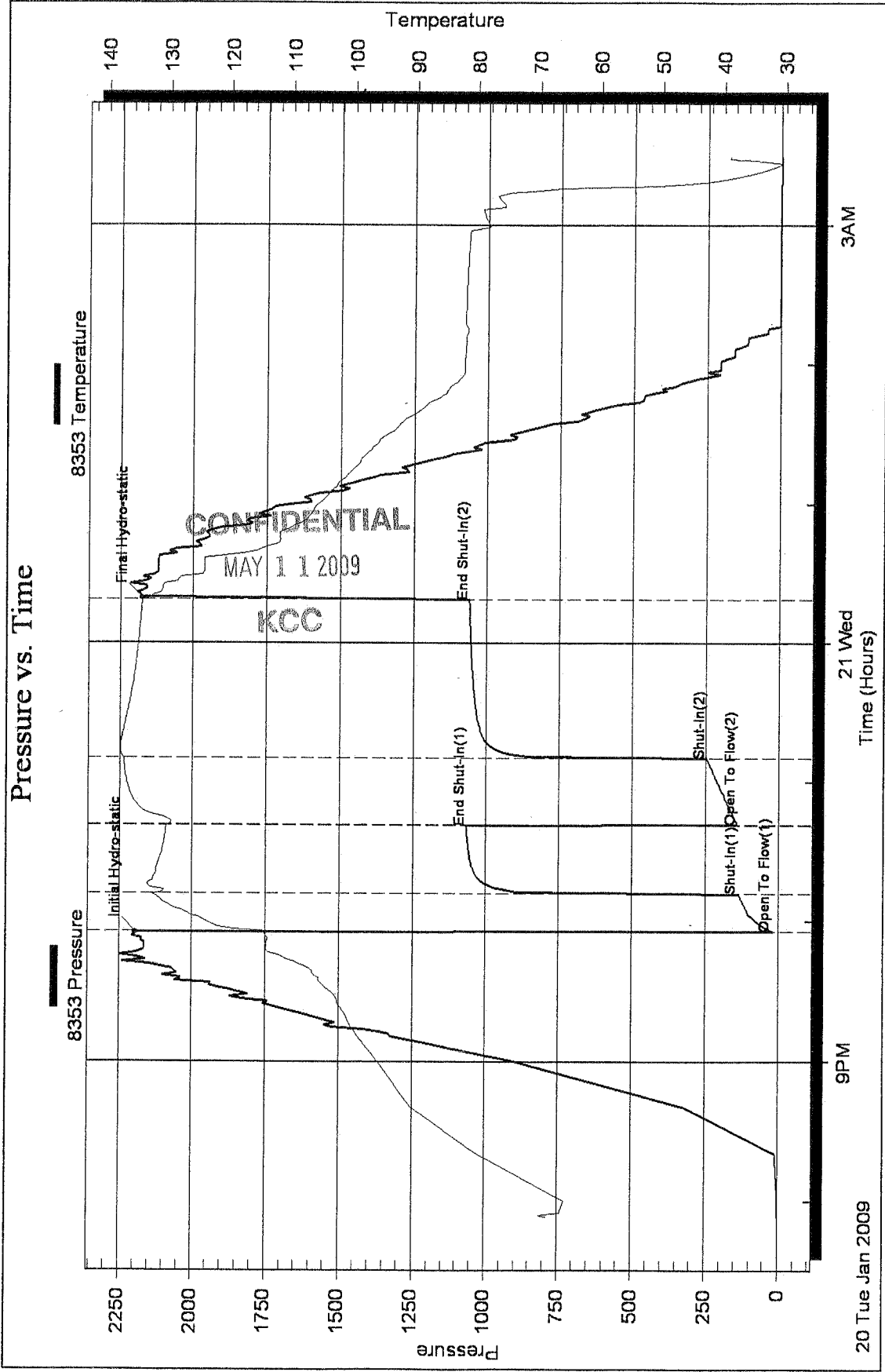
Serial #:

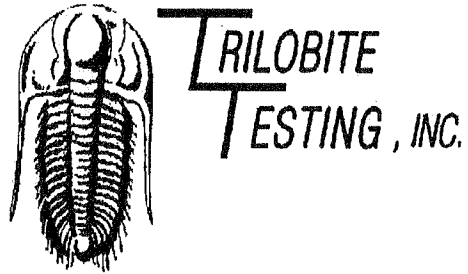
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc.**

562 W State Road 4
Olmitz, KS 67564-8561

CONFIDENTIAL
MAY 11 2009
KCC

ATTN: Bob Lewellyn

8 19s 30w Lane KS

Neeley #1-8

Start Date: 2009.01.22 @ 02:31:05

End Date: 2009.01.22 @ 08:18:59

Job Ticket #: 33584 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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TESTING, INC.

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Neeley #1-8

8 19s 30w Lane KS

Job Ticket: 33584

DST#: 3

Test Start: 2009.01.22 @ 02:31:05

GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott -**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:23:00

Time Test Ended: 08:18:59

Interval: **4450.00 ft (KB) To 4590.00 ft (KB) (TVD)**

Total Depth: 4590.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Reference Elevations: 2904.00 ft (KB)

2899.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: psig @ 4451.00 ft (KB)

Start Date: 2009.01.22

End Date:

2009.01.22

Capacity: 7000.00 psig

Start Time: 02:31:05

End Time:

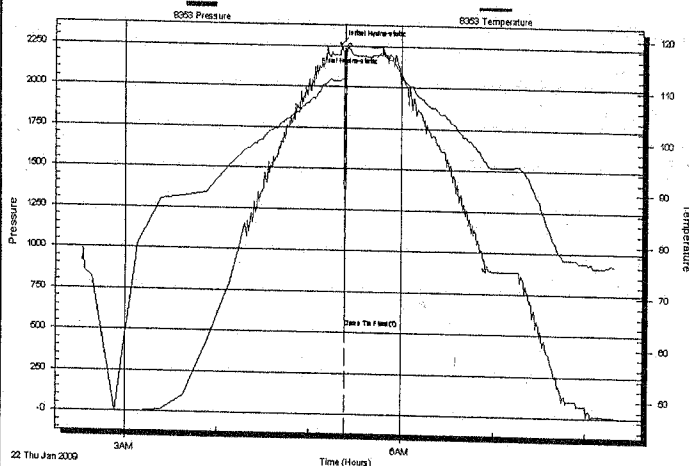
08:18:59

Time On Btm: 2009.01.22 @ 05:20:30

Time Off Btm: 2009.01.22 @ 05:48:15

TEST COMMENT: Msrn Packers Failed

Pressure vs. Time



PRESSURE SUMMARY

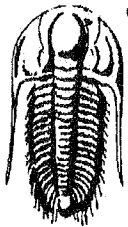
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.32	111.86	Initial Hydro-static
3	531.35	111.28	Open To Flow (1)
28	2226.59	117.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	M100%am	1.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmritz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33584

DST#: 3

ATTN: Bob Lewellyn

Test Start: 2009.01.22 @ 02:31:05

Tool Information

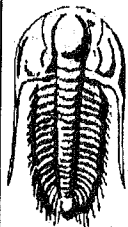
Drill Pipe:	Length: 4256.00 ft	Diameter: 3.80 inches	Volume: 59.70 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	60.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	4450.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	140.00 ft				
Tool Length:	168.00 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			4423.00	
Shut In Tool	5.00			4428.00	
Hydraulic tool	5.00			4433.00	
Jars	5.00			4438.00	
Safety Joint	3.00			4441.00	
Packer	5.00			4446.00	28.00 Bottom Of Top Packer
Packer	4.00			4450.00	
Stubb	1.00			4451.00	
Recorder	0.00	8353	Inside	4451.00	
Recorder	0.00	6741	Inside	4451.00	
Perforations	11.00			4462.00	
Change Over Sub	1.00			4463.00	
Drill Pipe	121.00			4584.00	
Change Over Sub	1.00			4585.00	
Bullnose	5.00			4590.00	140.00 Bottom Packers & Anchor

Total Tool Length: 168.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33584

DST#: 3

ATTN: Bob Lewellyn

Test Start: 2009.01.22 @ 02:31:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.96 in³

Resistivity: 0.00 ohm.m

Salinity: 2100.00 ppm

Filter Cake: 1.00 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
215.00	M 100% m	1.322

Total Length: 215.00 ft

Total Volume: 1.322 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

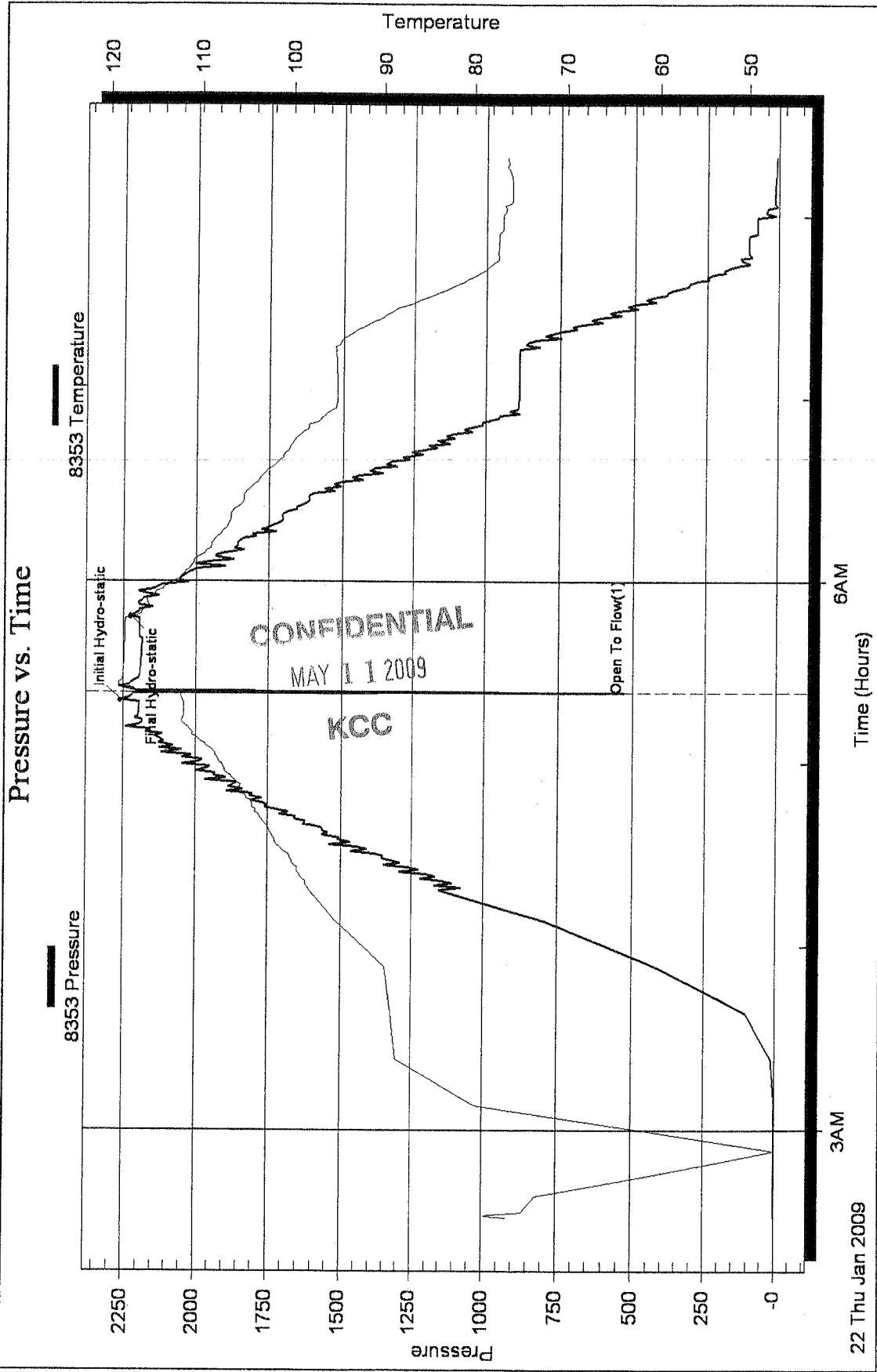
Serial #:

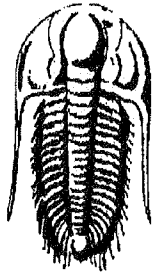
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CONFIDENTIAL

MAY 11 2009

KCC

Prepared For: **Larson Engineering, Inc.**

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

8 19s 30w Lane KS

Neeley #1-8

Start Date: 2009.01.22 @ 08:55:05

End Date: 2009.01.22 @ 15:16:29

Job Ticket #: 33585 DST #: 4

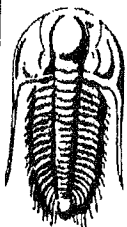
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W State Road 4
Olmitz, KS 67564-8561

ATTN: Bob Lewellyn

Neeley #1-8

8 19s 30w Lane KS

Job Ticket: 33585

DST#: 4

Test Start: 2009.01.22 @ 08:55:05

GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott -**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:09:00

Time Test Ended: 15:16:29

Interval: **4475.00 ft (KB) To 4590.00 ft (KB) (TVD)**

Total Depth: 4590.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Reference Elevations: 2904.00 ft (KB)

2899.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 43.50 psig @ 4476.00 ft (KB)

Start Date: 2009.01.22 End Date: 2009.01.22

Start Time: 08:55:05 End Time: 15:16:29

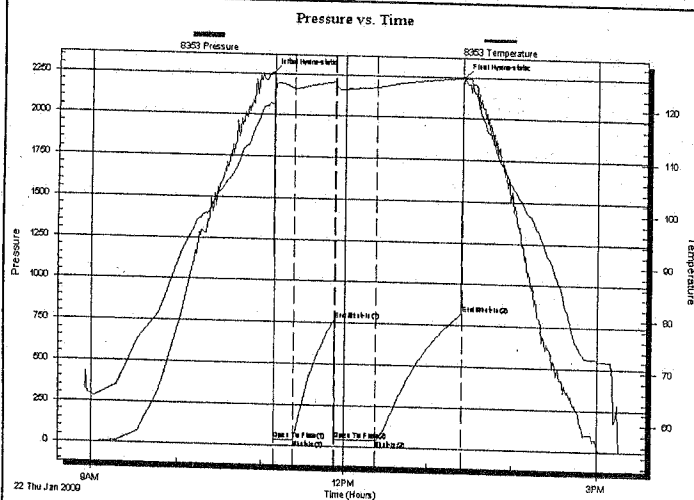
Capacity: 7000.00 psig

Last Calib.: 2009.01.22

Time On Btm: 2009.01.22 @ 11:07:45

Time Off Btm: 2009.01.22 @ 13:25:45

TEST COMMENT: IF: Built to 1 1/2 inch.
IS: No return.
FF: Built to 1/4 inch died in 28 mins.
FS: No return.



PRESSURE SUMMARY

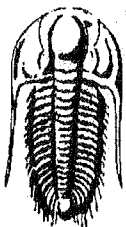
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2253.39	120.20	Initial Hydro-static
2	36.35	122.76	Open To Flow (1)
16	37.90	123.29	Shut-In(1)
45	770.01	124.68	End Shut-In(1)
46	41.00	124.39	Open To Flow (2)
75	43.50	123.74	Shut-In(2)
137	823.89	125.85	End Shut-In(2)
138	2246.89	125.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O spotted M 100% m	0.30
0.00	GIP 0	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33585

DST#: 4

ATTN: Bob Lewellyn

Test Start: 2009.01.22 @ 08:55:05

Tool Information

Drill Pipe:	Length: 4284.00 ft	Diameter: 3.80 inches	Volume: 60.09 bbl	Tool Weight: 1500.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	61.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4475.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	115.00 ft			
Tool Length:	143.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4448.00	
Shut In Tool	5.00			4453.00	
Hydraulic tool	5.00			4458.00	
Jars	5.00			4463.00	
Safety Joint	3.00			4466.00	
Packer	5.00			4471.00	28.00 Bottom Of Top Packer
Packer	4.00			4475.00	
Stubb	1.00			4476.00	
Recorder	0.00	8353	Inside	4476.00	
Recorder	0.00	6741	Inside	4476.00	
Perforations	16.00			4492.00	
Change Over Sub	1.00			4493.00	
Drill Pipe	91.00			4584.00	
Change Over Sub	1.00			4585.00	
Bullnose	5.00			4590.00	115.00 Bottom Packers & Anchor

Total Tool Length: 143.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

Neeley #1-8

562 W State Road 4
Olmitz, KS 67564-8561

8 19s 30w Lane KS

Job Ticket: 33585

DST#: 4

ATTN: Bob Lew ellyn

Test Start: 2009.01.22 @ 08:55:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 7.97 in³

Resistivity: 0.00 ohm.m

Salinity: 2100.00 ppm

Filter Cake: 1.00 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
60.00	O spotted M 100%m	0.295
0.00	GIP 0	0.000

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

Inside

Larson Engineering, Inc.

8 19s 30w Lane KS

DST Test Number: 4

Pressure vs. Time

