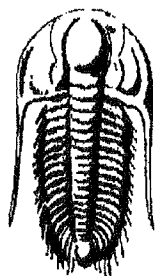


15-109-20825

6-13s-32w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MURFIN DRILLING CO**

250 N WATER STE 300 WICHITA KS 67202

ATTN: TOM FUNK

6 13 32 Logan KS

SCHEEBER # 1- 6

Start Date: 2008.10.15 @ 22:12:10

End Date: 2008.10.16 @ 05:20:10

Job Ticket #: 32199

DST #: 1

KCC

JAN 2 9 2009

CONFIDENTIAL

RECEIVED

JAN 2 1 2009

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

MURFIN DRILLING CO

SCHEEBER #1-6

6 13 32 Logan KS

DST # 1

L-KC K

2008.10.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

MURFIN DRILLING CO

250 N WATER STE 300 WICHITA KS 67202

ATTN: TOM FUNK

SCHEEBER # 1- 6

6 13 32 Logan KS

Job Ticket: 32199

DST#: 1

Test Start: 2008.10.15 @ 22:12:10

GENERAL INFORMATION:

Formation: L - KC K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:51:30

Time Test Ended: 05:20:10

Interval: 4268.00 ft (KB) To 4292.00 ft (KB) (TVD)

Total Depth: 4292.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: KYLE WILEY

Unit No: 37

Reference Elevations: 3061.00 ft (KB)

3051.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8351

Inside

Press@RunDepth: 22.22 psig @ 4269.00 ft (KB)

Start Date: 2008.10.15

End Date:

2008.10.16

Start Time: 22:12:11

End Time:

05:20:10

Capacity: 7000.00 psig

Last Calib.: 2008.10.16

Time On Btm: 2008.10.16 @ 00:51:25

Time Off Btm: 2008.10.16 @ 03:00:00

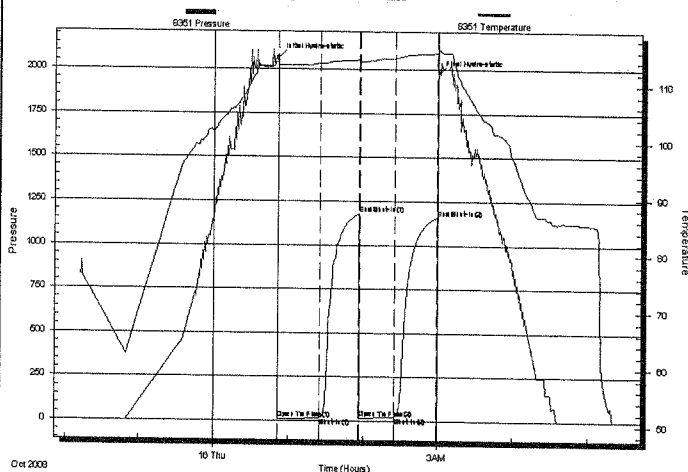
TEST COMMENT: IF: WEAK SURFACE BLOW DIED 21 MIN

IS: NO RETURN

FF: NO BLOW

FS: NO RETURN

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.90	114.15	Initial Hydro-static
1	10.72	113.16	Open To Flow (1)
34	15.82	113.90	Shut-In (1)
66	1177.21	114.52	End Shut-In (1)
66	17.15	114.05	Open To Flow (2)
94	22.22	114.80	Shut-In (2)
128	1159.40	115.74	End Shut-In (2)
129	1975.17	116.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SLIGHT OCM 1%O 99%M	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

MURFIN DRILLING CO

SCHEEBER # 1- 6

250 N WATER STE 300 WICHITA KS 67202

6 13 32 Logan KS

Job Ticket: 32199

DST#: 1

ATTN: TOM FUNK

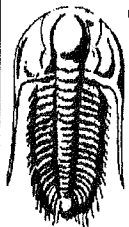
Test Start: 2008.10.15 @ 22:12:10

Tool Information

Drill Pipe:	Length: 3648.00 ft	Diameter: 3.80 inches	Volume: 51.17 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: 606.00 ft	Diameter: 2.25 inches	Volume: 2.98 bbl	Weight to Pull Loose:	90000.00 lb
			Total Volume: 54.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	84000.00 lb
Depth to Top Packer:	4268.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4254.00	
Hydraulic tool	5.00			4259.00	
Packer	5.00			4264.00	19.00 Bottom Of Top Packer
Packer	4.00			4268.00	
Stubb	1.00			4269.00	
Recorder	0.00	8017	Inside	4269.00	
Recorder	0.00	8351	Inside	4269.00	
Perforations	19.00			4288.00	
Bullnose	5.00			4293.00	25.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MURFIN DRILLING CO

SCHEEBER # 1- 6

250 N WATER STE 300 WICHITA KS 67202

6 13 32 Logan KS

Job Ticket: 32199

DST#: 1

ATTN: TOM FUNK

Test Start: 2008.10.15 @ 22:12:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 5.99 in³

Resistivity: 0.00 ohm.m

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SLIGHT OCM 1%O 99%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 #: 8351

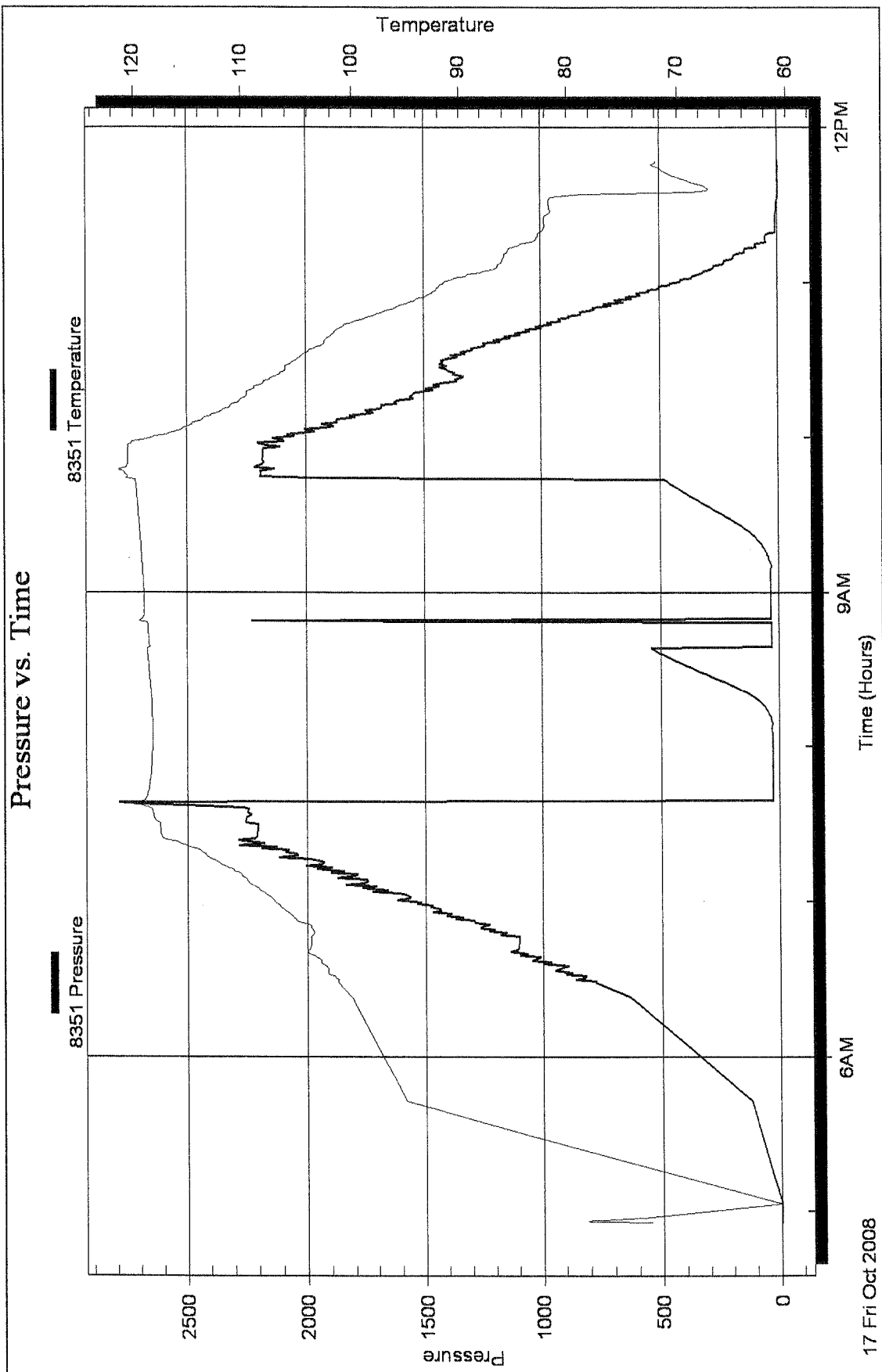
Inside

MURFIN DRILLING CO

6 13 32 Logan KS

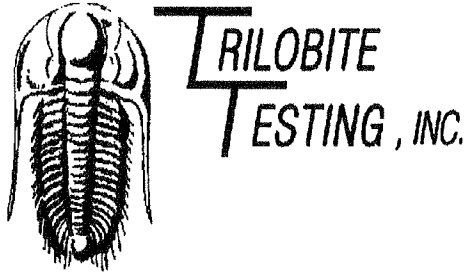
DST Test Number: 1

Pressure vs. Time



Ref. No: 32199

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **MURFIN DRILLING CO**

250 N WATER STE 300 WICHITA KS 67202

ATTN: TOM FUNK

6 13 32 Logan KS

SCHEEBER # 1- 6

Start Date: 2008.10.17 @ 04:55:35

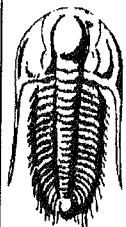
End Date: 2008.10.17 @ 11:47:20

Job Ticket #: 32613 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

MURFIN DRILLING CO

250 N WATER STE 300 WICHITA KS 67202

ATTN: TOM FUNK

SCHEEBER # 1- 6

6 13 32 Logan KS

Job Ticket: 32613

DST#: 2

Test Start: 2008.10.17 @ 04:55:35

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:38:35

Time Test Ended: 11:47:20

Interval: **4580.00 ft (KB) To 4630.00 ft (KB) (TVD)**

Total Depth: 4630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Reference Elevations: 3061.00 ft (KB)

3051.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 34.57 psig @ 4582.00 ft (KB)

Start Date: 2008.10.17

End Date:

2008.10.17

Start Time: 04:55:36

End Time:

11:47:20

Capacity: 7000.00 psig

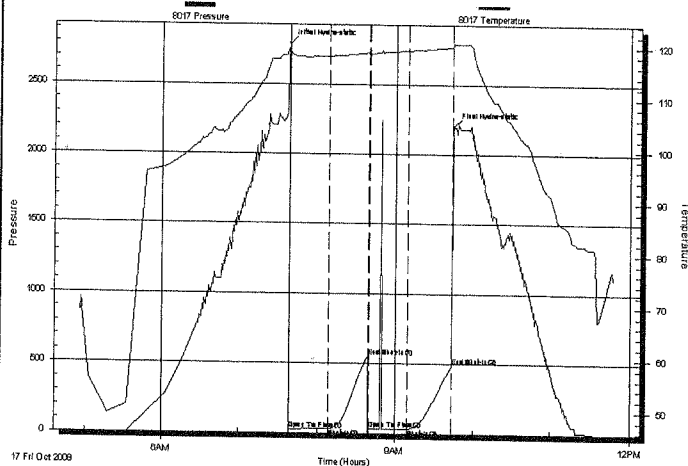
Last Calib.: 2008.10.17

Time On Btm: 2008.10.17 @ 07:38:20

Time Off Btm: 2008.10.17 @ 09:44:35

TEST COMMENT: IF: 3/4" Blow died @ 17 min.
IS: No return.
FF: No blow, flushed tool @ 7 min., no blow.
FSI: No return.

Pressure vs. Time



PRESSURE SUMMARY

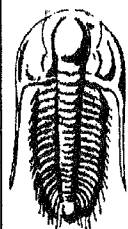
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2788.66	119.68	Initial Hydro-static
1	27.65	118.67	Open To Flow(1)
30	30.19	118.09	Shut-In(1)
61	550.52	118.76	End Shut-In(1)
61	30.89	118.62	Open To Flow(2)
92	34.57	119.21	Shut-In(2)
126	488.29	119.93	End Shut-In(2)
127	2199.05	120.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM 100%M	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

MURFIN DRILLING CO

SCHEEBER # 1- 6

250 N WATER STE 300 WICHITA KS 67202

6 13 32 Logan KS

Job Ticket: 32613

DST#: 2

ATTN: TOM FUNK

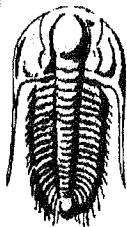
Test Start: 2008.10.17 @ 04:55:35

Tool Information

Drill Pipe:	Length: 3965.00 ft	Diameter: 3.80 inches	Volume: 55.62 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	27000.00 lb
Drill Collar:	Length: 606.00 ft	Diameter: 2.25 inches	Volume: 2.98 bbl	Weight to Pull Loose:	110000.0 lb
		Total Volume:	58.60 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	87000.00 lb
Depth to Top Packer:	4580.00 ft			Final	87000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					
TOOL SLID 12 FEET.					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4566.00	
Hydraulic tool	5.00			4571.00	
Packer	5.00			4576.00	19.00 Bottom Of Top Packer
Packer	4.00			4580.00	
Stubb	1.00			4581.00	
Change Over Sub	1.00			4582.00	
Recorder	0.00	8017	Inside	4582.00	
Recorder	0.00	8351	Inside	4582.00	
Perforations	10.00			4592.00	
Change Over Sub	1.00			4593.00	
Drill Pipe	31.00			4624.00	
Change Over Sub	1.00			4625.00	
Bullnose	5.00			4630.00	50.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

MURFIN DRILLING CO

SCHEEBER # 1- 6

250 N WATER STE 300 WICHITA KS 67202

6 13 32 Logan KS

Job Ticket: 32613

DST#: 2

ATTN: TOM FUNK

Test Start: 2008.10.17 @ 04:55:35

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 5.98 in³

Resistivity: 0.00 ohm.m

Salinity: 3100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OSM 100%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

