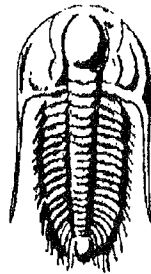


35-20s-13w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: *American Warrior*
Mull Drig. Co. Inc.

P.O. Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

35-20s-13w Barton Ks

Haddon-Kelly #1-35

Start Date: 2005.04.07 @ 03:01:14

End Date: 2005.04.07 @ 11:20:44

Job Ticket #: 20657

DST #: 1

15-009-24832-00-00

RECEIVED
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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drlg. Co. Inc.

P.O. Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

Haddon-Kelly #1-35

35-20s-13w Barton Ks

Job Ticket: 20657

DST#: 1

Test Start: 2005.04.07 @ 03:01:14

GENERAL INFORMATION:

Formation: LKC a - f

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:14:59

Time Test Ended: 11:20:44

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: 3237.00 ft (KB) To 3328.00 ft (KB) (TVD)

Total Depth: 3328.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1870.00 ft (KB)

1861.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press@RunDepth: 127.89 psig @ 3238.00 ft (KB)

Start Date: 2005.04.07

End Date:

2005.04.07

Start Time: 03:01:19

End Time:

11:20:43

Capacity: 7000.00 psig

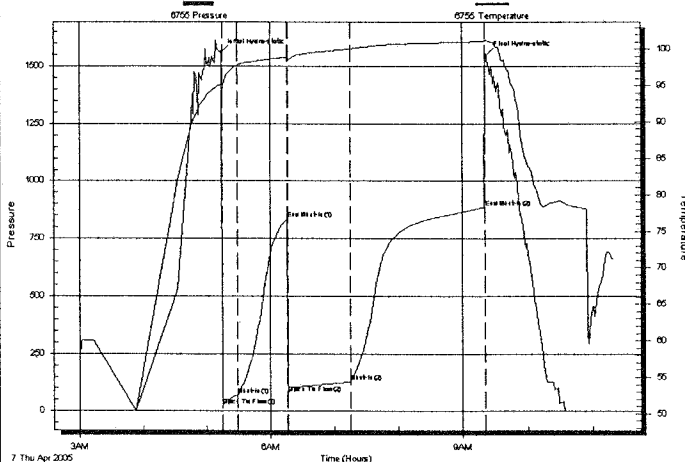
Last Calib.: 2005.04.07

Time On Btm: 2005.04.07 @ 05:13:59

Time Off Btm: 2005.04.07 @ 09:21:29

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 9.5 mins.
IS: Weak blow . 1/2 - 2".
FF: Strong blow . B.O.B. in 20 secs.
FS: Weak blow . 1/4". Dead in 20 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1558.99	95.16	Initial Hydro-static
1	22.37	94.22	Open To Flow (1)
16	70.48	97.82	Shut-In (1)
62	832.85	98.83	End Shut-In (1)
63	75.23	98.59	Open To Flow (2)
122	127.89	100.04	Shut-In (2)
246	885.44	101.08	End Shut-In (2)
248	1548.39	101.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 26%g 22%o 52%m	0.61
146.00	GOCM 26%g 19%o 55%m	0.92
0.00	580 ft of gas in pipe	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drig. Co. Inc.

P.O.Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

Haddon-Kelly #1-35

35-20s-13w Barton Ks

Job Ticket: 20657

DST#: 1

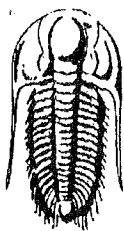
Test Start: 2005.04.07 @ 03:01:14

Tool Information

Drill Pipe:	Length: 2968.00 ft	Diameter: 3.80 inches	Volume: 41.63 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume: 42.85 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3237.00 ft			Final 60500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	91.00 ft			
Tool Length:	118.00 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			3211.00	
Shut In Tool	5.00			3216.00	
Hydraulic tool	5.00			3221.00	
Jars	5.00			3226.00	
Safety Joint	2.00			3228.00	
Packer	4.00			3232.00	27.00 Bottom Of Top Packer
Packer	5.00			3237.00	
Stubb	1.00			3238.00	
Recorder	0.00	6755	Inside	3238.00	
Perforations	5.00			3243.00	
Change Over Sub	1.00			3244.00	
Blank Spacing	63.00			3307.00	
Change Over Sub	1.00			3308.00	
Perforations	15.00			3323.00	
Recorder	0.00	13222	Outside	3323.00	
Bullnose	5.00			3328.00	91.00 Bottom Packers & Anchor
Total Tool Length:		118.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drlg.Co.Inc.

Haddon-Kelly #1-35

P.O.Box 2758
Wichita Ks. 67601

35-20s-13w Barton Ks

Job Ticket: 20657

DST#: 1

ATTN: Roger L.Martin

Test Start: 2005.04.07 @ 03:01:14

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:

4000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GOOM 26%g 22%o 52%m	0.610
146.00	GOOM 26%g 19%o 55%m	0.918
0.00	580 ft of gas in pipe	0.000

Total Length: 270.00 ft

Total Volume: 1.528 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

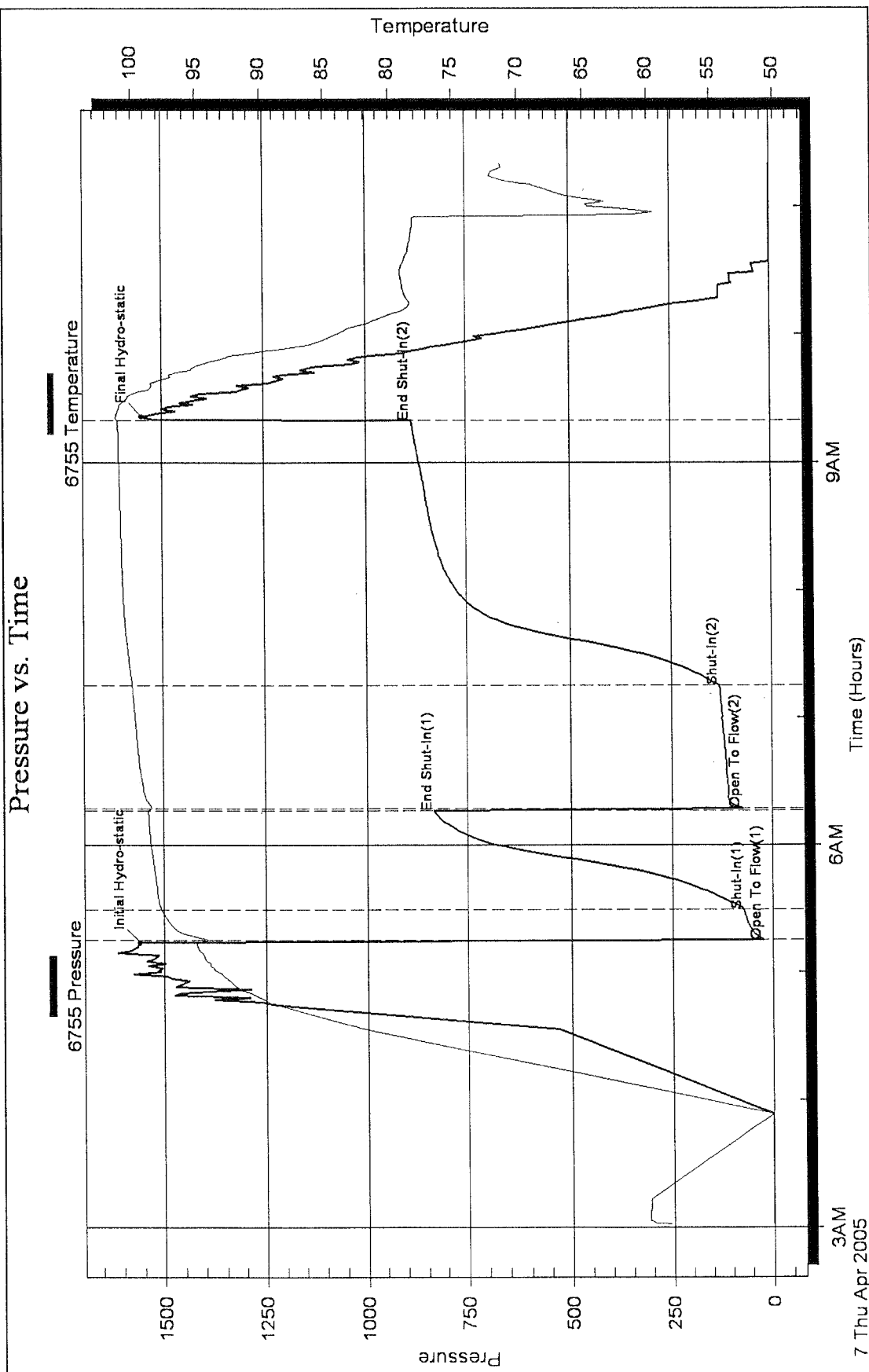
35-20s-13w Barton Ks

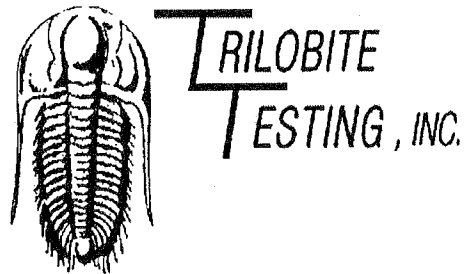
Mull Drig. Co. Inc.

Inside

Serial #: 6755

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drlg.Co.Inc.**

P.O.Box 2758
Wichita Ks. 67601

ATTN: Roger L.Martin

35-20s-13w Barton Ks

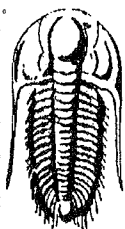
Haddon-Kelly #1-35

Start Date: 2005.04.07 @ 18:45:15

End Date: 2005.04.08 @ 01:17:00

Job Ticket #: 20658 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drlg. Co. Inc.

P.O. Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

Haddon-Kelly #1-35

35-20s-13w Barton Ks

Job Ticket: 20658

DST#: 2

Test Start: 2005.04.07 @ 18:45:15

GENERAL INFORMATION:

Formation: LKC g

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:43:45

Time Test Ended: 01:17:00

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: 3326.00 ft (KB) To 3352.00 ft (KB) (TVD)

Total Depth: 3352.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1870.00 ft (KB)

1861.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press@RunDepth: 24.28 psig @ 3327.00 ft (KB)

Start Date: 2005.04.07

End Date:

2005.04.08

Start Time: 18:45:20

End Time:

01:16:59

Capacity: 7000.00 psig

Last Calib.: 2005.04.08

Time On Btm: 2005.04.07 @ 20:41:30

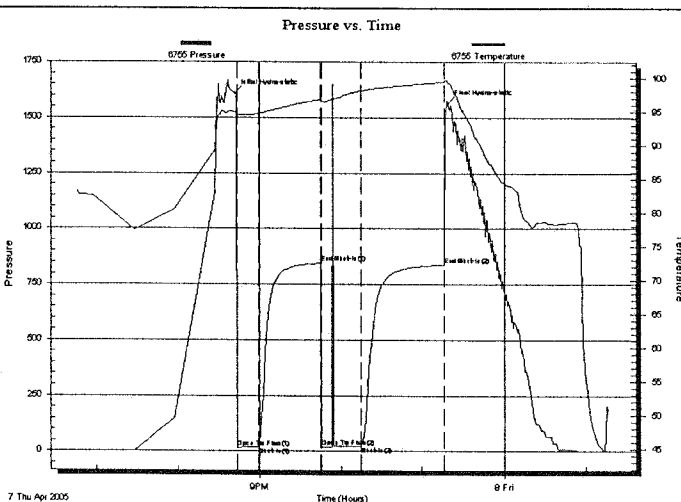
Time Off Btm: 2005.04.07 @ 23:19:00

TEST COMMENT: IF: Weak blow . 1/4" decreasing.

IS: No blow .

FF: Very weak blow . (surface) Flushed tool 10 mins. in to FFP. Blow dead in 21 mins.

FS: No blow .



PRESSURE SUMMARY

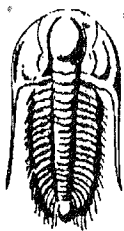
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1607.76	94.99	Initial Hydro-static
3	15.68	94.38	Open To Flow (1)
18	19.47	94.71	Shut-In (1)
64	844.48	96.85	End Shut-In (1)
65	19.48	96.58	Open To Flow (2)
93	24.28	98.12	Shut-In (2)
155	838.03	99.48	End Shut-In (2)
158	1562.57	99.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w/o specs	0.20

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drlg. Co. Inc.

Haddon-Kelly #1-35

P.O.Box 2758
Wichita Ks. 67601

35-20s-13w Barton Ks

Job Ticket: 20658

DST#: 2

ATTN: Roger L. Martin

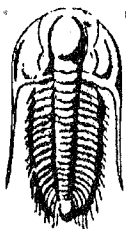
Test Start: 2005.04.07 @ 18:45:15

Tool Information

Drill Pipe:	Length: 3064.00 ft	Diameter: 3.80 inches	Volume: 42.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume: 44.20 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3326.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	46.00 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			3307.00	
Shut In Tool	5.00			3312.00	
Hydraulic tool	5.00			3317.00	
Packer	4.00			3321.00	20.00 Bottom Of Top Packer
Packer	5.00			3326.00	
Stubb	1.00			3327.00	
Recorder	0.00	6755	Inside	3327.00	
Perforations	20.00			3347.00	
Recorder	0.00	13222	Outside	3347.00	
Bullnose	5.00			3352.00	26.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drig. Co. Inc.

Haddon-Kelly #1-35

P.O.Box 2758
Wichita Ks. 67601

35-20s-13w Barton Ks

Job Ticket: 20658

DST#: 2

ATTN: Roger L.Martin

Test Start: 2005.04.07 @ 18:45:15

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:

4000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mud w/o specs	0.197

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

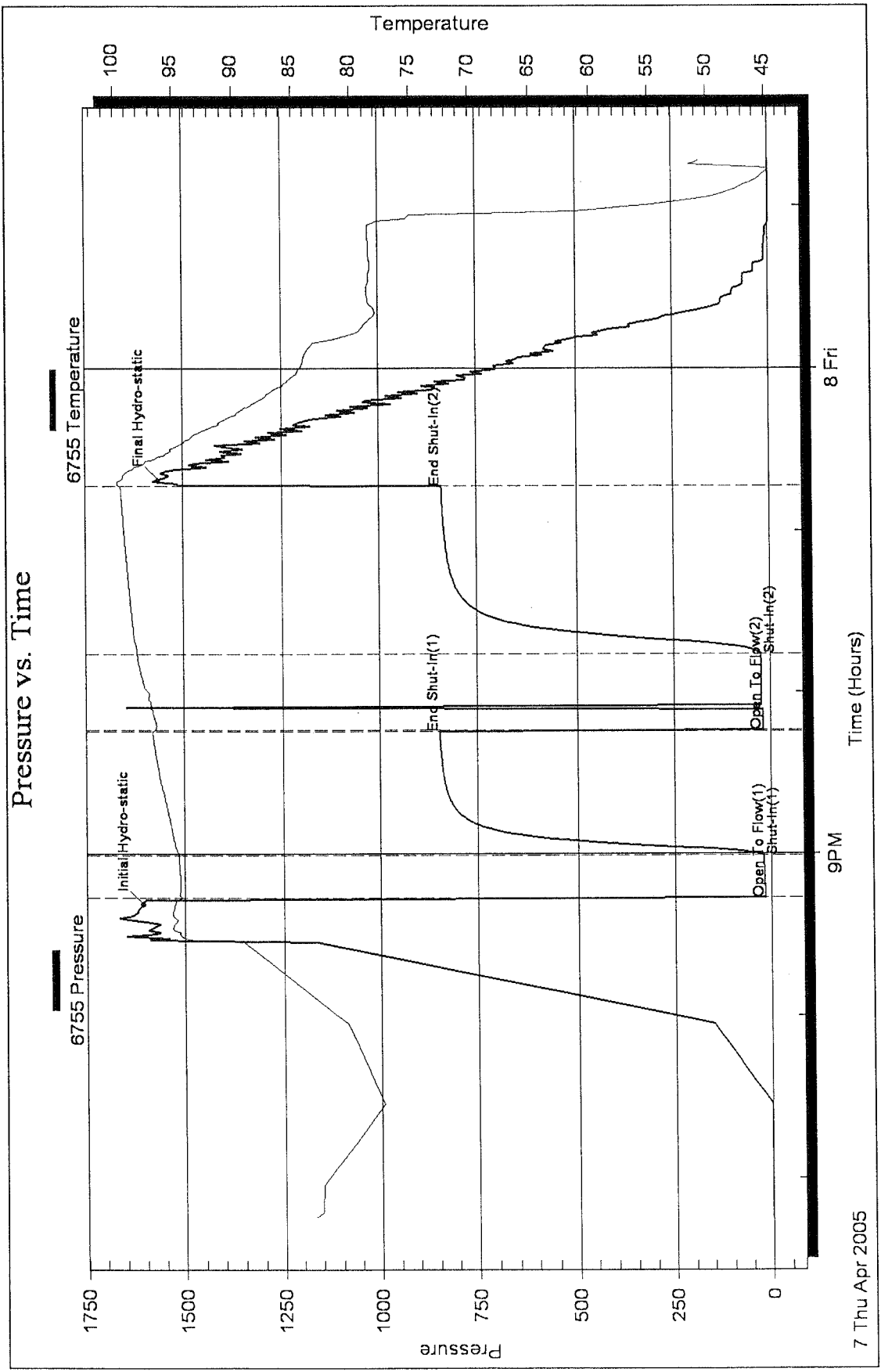
35-20s-13w Barton Ks

Mull Drig. Co. Inc.

Inside

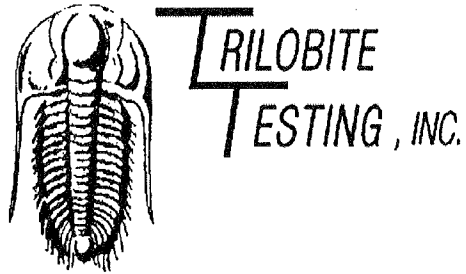
Serial #: 6755

Pressure vs. Time



Ref. No: 20658

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Mull Drlg.Co.Inc.**

P.O.Box 2758
Wichita Ks. 67601

ATTN: Roger L.Martin

35-20s-13w Barton Ks

Haddon-Kelly #1-35

Start Date: 2005.04.08 @ 10:32:31

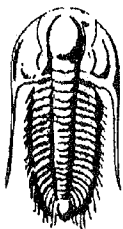
End Date: 2005.04.08 @ 21:43:01

Job Ticket #: 20659 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drig. Co. Inc.

P.O. Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

Haddon-Kelly #1-35

35-20s-13w Barton Ks

Job Ticket: 20659

DST#: 3

Test Start: 2005.04.08 @ 10:32:31

GENERAL INFORMATION:

Formation: LKC h-i

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:08:01

Time Test Ended: 21:43:01

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: 3369.00 ft (KB) To 3408.00 ft (KB) (TVD)

Total Depth: 3408.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1870.00 ft (KB)

1861.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press@RunDepth: 44.23 psig @ 3370.00 ft (KB)

Start Date: 2005.04.08

End Date:

2005.04.08

Start Time: 10:32:36

End Time:

21:43:01

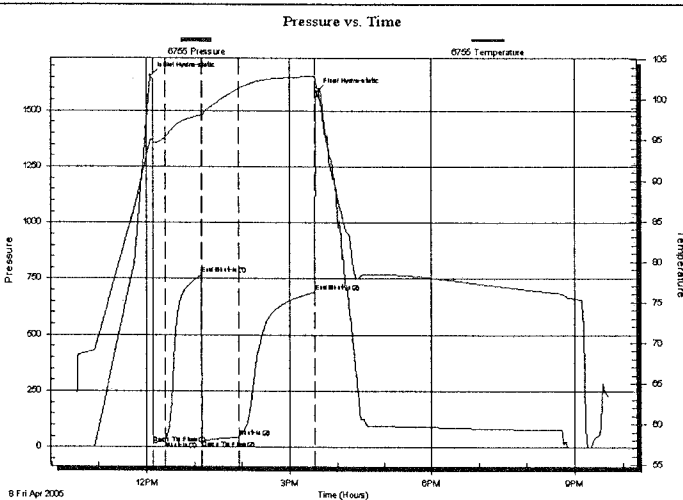
Capacity: 7000.00 psig

Last Calib.: 2005.04.08

Time On Btm: 2005.04.08 @ 12:05:16

Time Off Btm: 2005.04.08 @ 15:34:01

TEST COMMENT: IF: Weak blow . 1/4".
IS: No blow.
FF: Weak blow . 1/4 - 1/2".
FS: No blow.



PRESSURE SUMMARY

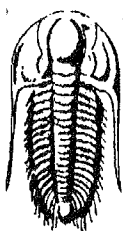
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.76	95.11	Initial Hydro-static
3	16.30	94.68	Open To Flow (1)
18	25.42	95.27	Shut-In(1)
64	767.66	98.15	End Shut-In(1)
65	29.41	97.93	Open To Flow (2)
111	44.23	101.37	Shut-In(2)
207	691.64	102.92	End Shut-In(2)
209	1585.15	101.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MW w/o specs 19% m 81% w Rw .13 chr 0.30	
0.00	@ 50 deg. F Trace of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drlg. Co. Inc.

P.O.Box 2758
Wichita Ks. 67601

ATTN: Roger L. Martin

Haddon-Kelly #1-35

35-20s-13w Barton Ks

Job Ticket: 20659

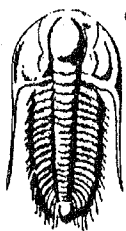
DST#: 3

Test Start: 2005.04.08 @ 10:32:31

Tool Information

Drill Pipe:	Length: 3125.00 ft	Diameter: 3.80 inches	Volume: 43.84 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 45.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3369.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 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			3350.00	
Shut In Tool	5.00			3355.00	
Hydraulic tool	5.00			3360.00	
Packer	4.00			3364.00	20.00 Bottom Of Top Packer
Packer	5.00			3369.00	
Stubb	1.00			3370.00	
Recorder	0.00	6755	Inside	3370.00	
Perforations	33.00			3403.00	
Recorder	0.00	13222	Outside	3403.00	
Bullnose	5.00			3408.00	39.00 Bottom Packers & Anchor
Total Tool Length:	59.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drig. Co. Inc.

Haddon-Kelly #1-35

P.O.Box 2758
Wichita Ks. 67601

35-20s-13w Barton Ks

Job Ticket: 20659

DST#: 3

ATTN: Roger L.Martin

Test Start: 2005.04.08 @ 10:32:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.99 in³

Resistivity: 0.00 ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 82000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MW w/o specs 19% _m 81% _w Rw .13 ohms	0.305
0.00	@ 50 deg. F Trace of GIP	0.000

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

