

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

30-9-25 Graham Ks

BH Werth #1

Start Date: 2010.03.20 @ 09:10:01

End Date: 2010.03.20 @ 16:40:30

Job Ticket #: 38143 DST #: 1

**KCC
MAY 17 2010
CONFIDENTIAL**

**RECEIVED
KANSAS CORPORATION COMMISSION**

MAY 19 2010

**CONSERVATION DIVISION
WICHITA, KS**

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

ORIGINAL

Eternity Exploration LLC

BH Werth #1

30-9-25 Graham Ks

DST # 1

Toronto "A"

2010.03.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell TX 75019-5430

30-9-25 Graham Ks

Job Ticket: 38143

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.03.20 @ 09:10:01

GENERAL INFORMATION:

Formation: **Toronto "A"**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 11:13:30

Time Test Ended: 16:40:30

Test Type: Conventional Bottom Hole

Tester: Jack Fox

Unit No: 38

Interval: 3823.00 ft (KB) To 3876.00 ft (KB) (TVD)

Total Depth: 3876.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2604.00 ft (KB)

2599.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8354**

Inside

Press@RunDepth: 207.48 psig @ 3860.00 ft (KB)

Start Date: 2010.03.20

End Date:

2010.03.20

Capacity: 8000.00 psig

Last Calib.: 2008.09.11

Start Time: 09:10:01

End Time:

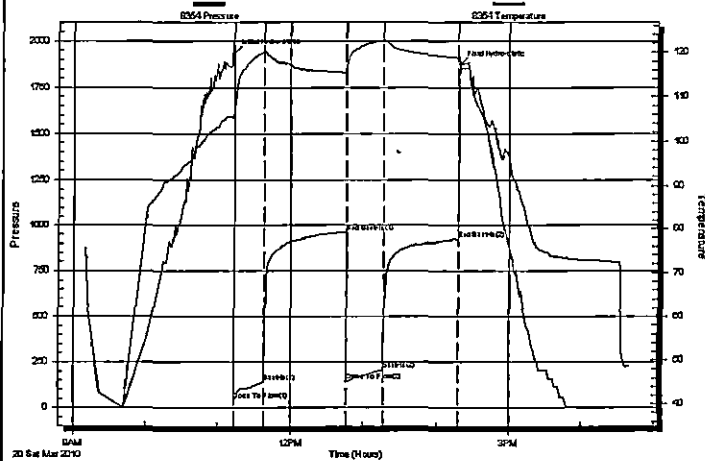
16:40:30

Time On Btm: 2010.03.20 @ 11:13:00

Time Off Btm: 2010.03.20 @ 14:19:30

TEST COMMENT: IF BOB in 9 mm 45 sec Strong blow
ISI Blow built back 2" during SI
FF BOB 20 mm Strong blow
FSI Blow built back 3" during SI

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1936.44	106.46	Initial Hydro-static
1	43.81	107.47	Open To Flow (1)
25	139.83	120.17	Shut-In(1)
93	959.13	115.38	End Shut-In(1)
94	146.23	115.31	Open To Flow (2)
124	207.48	122.58	Shut-In(2)
185	924.37	118.81	End Shut-In(2)
187	1874.24	117.93	Final Hydro-static

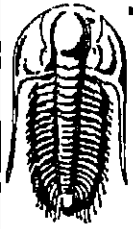
Recovery

Length (ft)	Description	Volume (bbl)
126.00	Oil speck Swtr	0.65
126.00	SGOCM 10%G 15%O 75%M	1.77
31.00	GOCM 10%G 30%O 60%M	0.43
31.00	Oil	0.43
0.00	154' GIP	0.00

Gas Rates

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

ORIGINAL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38143

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.03.20 @ 09:10:01

Tool Information

Drill Pipe:	Length: 3689.00 ft	Diameter: 3.80 inches	Volume: 51.75 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: 24000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 52.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3823.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 666.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3804.00	
Shut In Tool	5.00			3809.00	
Hydraulic tool	5.00			3814.00	
Packer	5.00			3819.00	20.00 Bottom Of Top Packer
Packer	4.00			3823.00	
Stubb	1.00			3824.00	
Perforations	2.00			3826.00	
Change Over Sub	1.00			3827.00	
Blank Spacing	32.00			3859.00	
Change Over Sub	1.00			3860.00	
Recorder	0.00	8354	Inside	3860.00	
Recorder	0.00	8520	Outside	3860.00	
Perforations	16.00			3876.00	
Bullnose	3.00			3879.00	56.00 Bottom Packers & Anchor

Total Tool Length: 76.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Bernity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38143

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.03.20 @ 09:10:01

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.17 in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 30 deg API
Water Salinity: 52000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	Oil speck Sw tr	0.647
126.00	SGOCM 10%G 15%O 75%M	1.767
31.00	GOCM 10%G 30%O 60%M	0.435
31.00	Oil	0.435
0.00	154' GIP	0.000

Total Length: 314.00 ft Total Volume: 3.284 bbl

Num Fluid Samples: 0

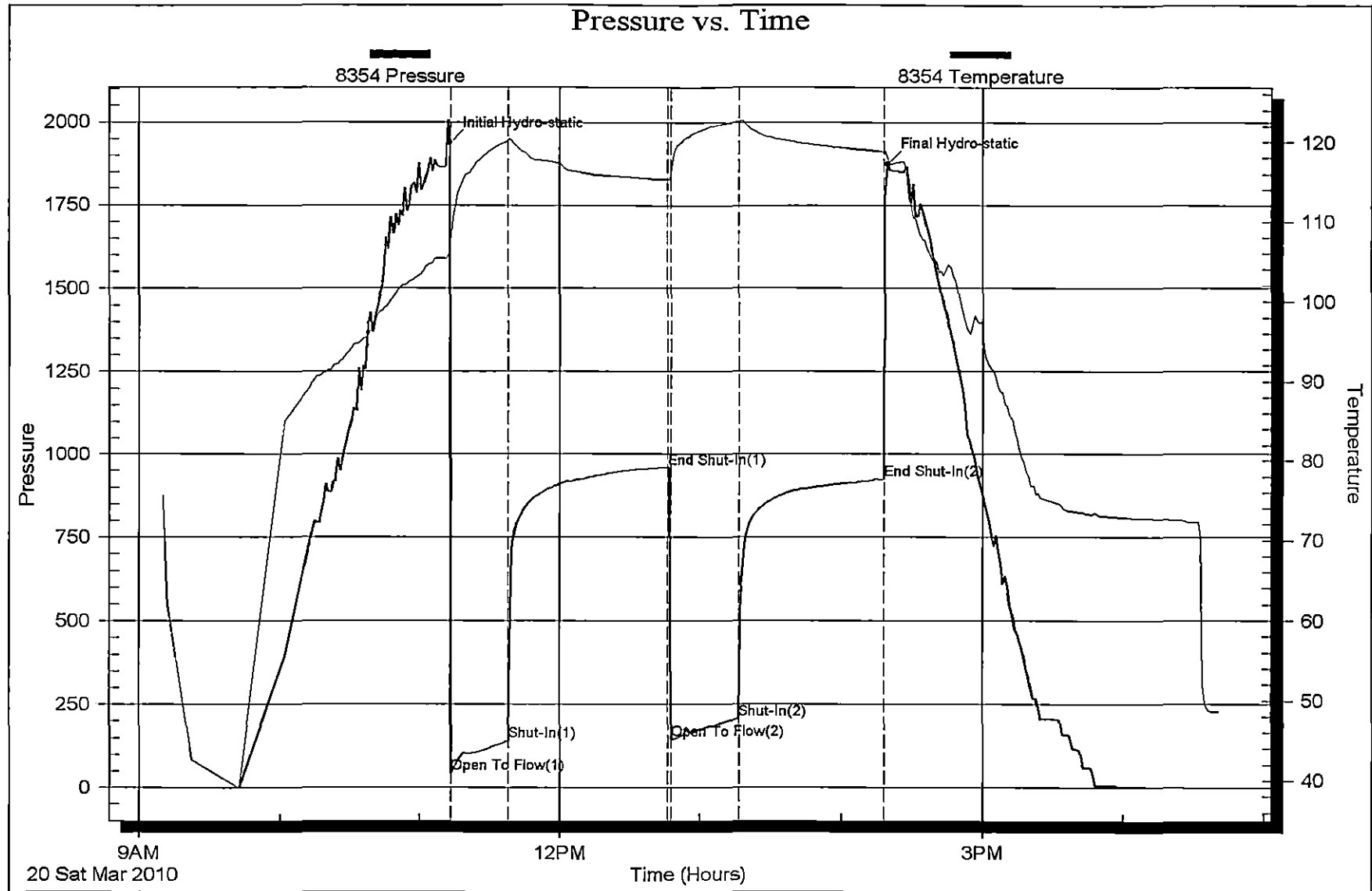
Num Gas Bombs: 0

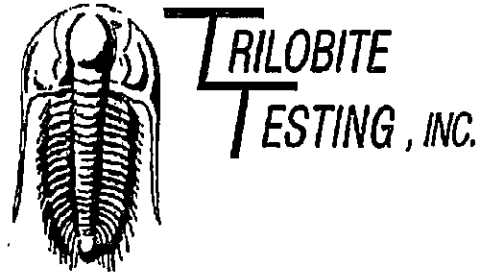
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

30-9-25 Graham Ks

BH Werth #1

Start Date: 2010.03.20 @ 04:12:01

End Date: 2010.03.20 @ 09:45:00

Job Ticket #: 38176 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Eternity Exploration LLC

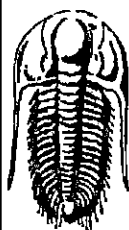
BH Werth #1

30-9-25 Graham Ks

DST # 2

Lancing B&D

2010.03.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38176

DST#: 2

ATTN: Scott Alberg

Test Start: 2010.03.20 @ 04:12:01

GENERAL INFORMATION:

Formation: **Lancing B&D**

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

Time Tool Opened: 06:07:30

Time Test Ended: 09:45:00

Test Type: **Conventional Bottom Hole**

Tester: **Jack Fox**

Unit No: **38**

Interval: **3880.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Reference Elevations: **2604.00 ft (KB)**

Total Depth: **3920.00 ft (KB) (TVD)**

2599.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press@RunDepth: **16.02 psig @ 3881.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.03.20**

End Date:

2010.03.20

Last Calib.: **2008.09.11**

Start Time: **04:12:01**

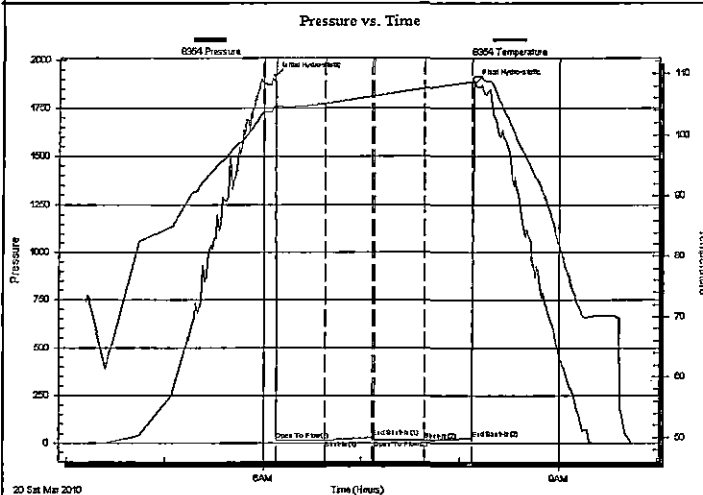
End Time:

09:45:00

Time On Btm: **2010.03.20 @ 06:07:00**

Time Off Btm: **2010.03.20 @ 08:09:00**

TEST COMMENT: IF Weak blow @ surface
ISI No blow
FF No blow Surged Tool no blow
FSI No blow



PRESSURE SUMMARY

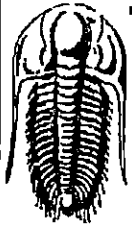
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.75	104.80	Initial Hydro-static
1	14.79	104.20	Open To Flow (1)
31	15.83	105.06	Shut-In(1)
60	29.63	106.24	End Shut-In(1)
61	15.68	106.28	Open To Flow (2)
92	16.02	107.54	Shut-In(2)
121	26.04	108.64	End Shut-In(2)
122	1880.85	109.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OSM	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38176

DST#: 2

ATTN: Scott Alberg

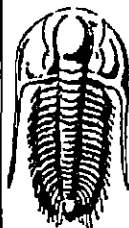
Test Start: 2010.03.20 @ 04:12:01

Tool Information

Drill Pipe:	Length: 3752.00 ft	Diameter: 3.80 inches	Volume: 52.63 bbl	Tool Weight: 2000.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 49000.00 lb
			<u>Total Volume: 53.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3880.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3861.00	
Shut In Tool	5.00			3866.00	
Hydraulic tool	5.00			3871.00	
Packer	5.00			3876.00	20.00 Bottom Of Top Packer
Packer	4.00			3880.00	
Stubb	1.00			3881.00	
Recorder	0.00	8354	Inside	3881.00	
Recorder	0.00	8520	Outside	3881.00	
Perforations	36.00			3917.00	
Bullnose	3.00			3920.00	40.00 Bottom Packers & Anchor
Total Tool Length:	60.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38176

DST#: 2

ATTN: Scott Alberg

Test Start: 2010.03.20 @ 04:12:01

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:

7200 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	OSM	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

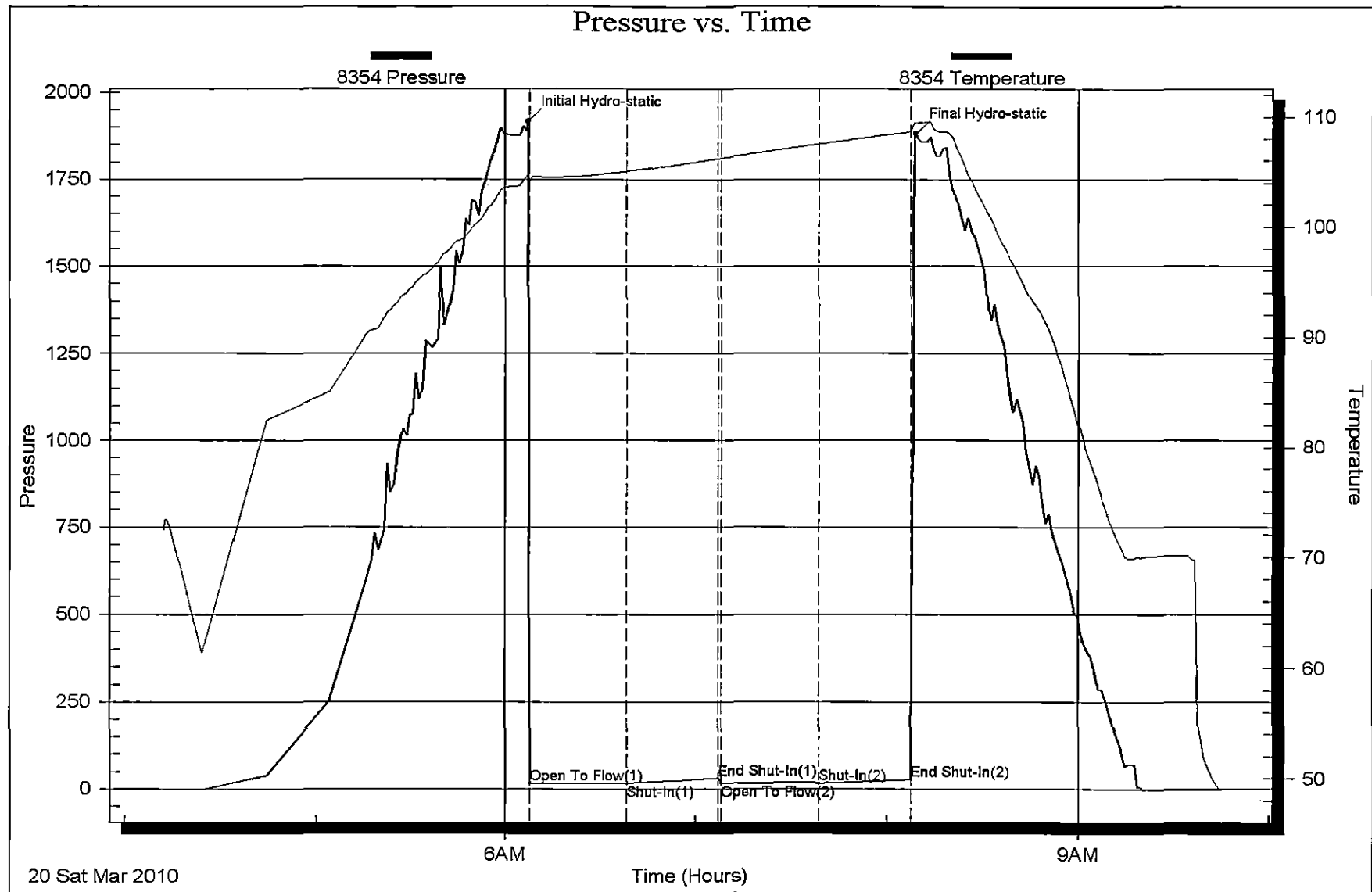
Num Gas Bombs: 0

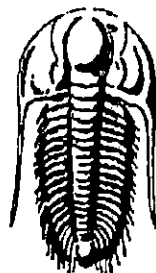
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

30-9-25 Graham Ks

BH Werth #1

Start Date: 2010.03.22 @ 01:18:00

End Date: 2010.03.22 @ 08:44:45

Job Ticket #: 38144 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Eternity Exploration LLC

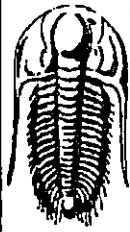
BH Werth #1

30-9-25 Graham Ks

DST # 3

L KC H&I

2010.03.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eternity Exploration LLC

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

BH Werth #1

30-9-25 Graham Ks

Job Ticket: 38144

DST#: 3

Test Start: 2010.03.22 @ 01:18:00

GENERAL INFORMATION:

Formation: L KC H&I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:12:30

Time Test Ended: 08:44:45

Test Type: Conventional Bottom Hole

Tester: Jack Fox

Unit No: 29

Interval: 3968.00 ft (KB) To 4034.00 ft (KB) (TVD)

Total Depth: 4034.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2604.00 ft (KB)

2599.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press@RunDepth: 198.60 psig @ 4005.00 ft (KB)

Start Date: 2010.03.22

End Date:

2010.03.22

Start Time: 01:18:01

End Time:

08:44:45

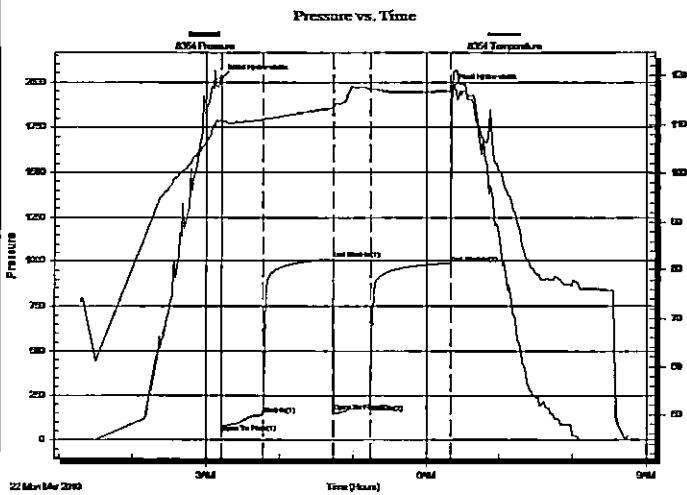
Capacity: 8000.00 psig

Last Calib.: 2008.08.09

Time On Btm: 2010.03.22 @ 03:12:15

Time Off Btm: 2010.03.22 @ 06:21:00

TEST COMMENT: IF BOB in 4mn 45 sec Strong blow
ISI Blow built back to bottom in 15 mn
FF BOB in 5 mn Strong blow
FSI Blow built back to bottom in 9 mn 30 sec



PRESSURE SUMMARY

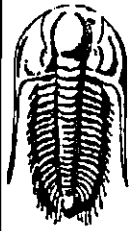
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.77	110.96	Initial Hydro-static
1	38.67	110.18	Open To Flow (1)
34	139.50	110.98	Shut-In(1)
92	1010.49	113.32	End Shut-In(1)
93	156.61	113.01	Open To Flow (2)
123	198.60	117.15	Shut-In(2)
188	988.23	116.93	End Shut-In(2)
189	1966.65	117.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	Salty GOCM 20%G 10%O 20%W 50%M	0.65
126.00	GOCM 40%G 20%O 40%M	1.77
219.00	G O 20%G 80%O	3.07
0.00	GIP 1796	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38144

DST#: 3

ATTN: Scott Alberg

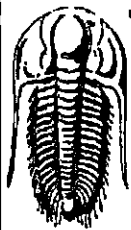
Test Start: 2010.03.22 @ 01:18:00

Tool Information

Drill Pipe:	Length: 3846.00 ft	Diameter: 3.80 inches	Volume: 53.95 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 54.55 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3968.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 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			3949.00	
Shut In Tool	5.00			3954.00	
Hydraulic tool	5.00			3959.00	
Packer	5.00			3964.00	20.00 Bottom Of Top Packer
Packer	4.00			3968.00	
Stubb	1.00			3969.00	
Perforations	2.00			3971.00	
Change Over Sub	1.00			3972.00	
Blank Spacing	32.00			4004.00	
Change Over Sub	1.00			4005.00	
Recorder	0.00	8354	Inside	4005.00	
Recorder	0.00	8520	Outside	4005.00	
Perforations	30.00			4035.00	
Bullnose	3.00			4038.00	70.00 Bottom Packers & Anchor
Total Tool Length:		90.00			



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38144

DST#: 3

ATTN: Scott Alberg

Test Start: 2010.03.22 @ 01:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
126.00	Salty GOCM 20%G 10%O 20%W 50%M	0.647
126.00	GOCM 40%G 20%O 40%M	1.767
219.00	G O 20%G 80%O	3.072
0.00	GIP 1796	0.000

Total Length: 471.00 ft

Total Volume: 5.486 bbf

Num Fluid Samples: 0

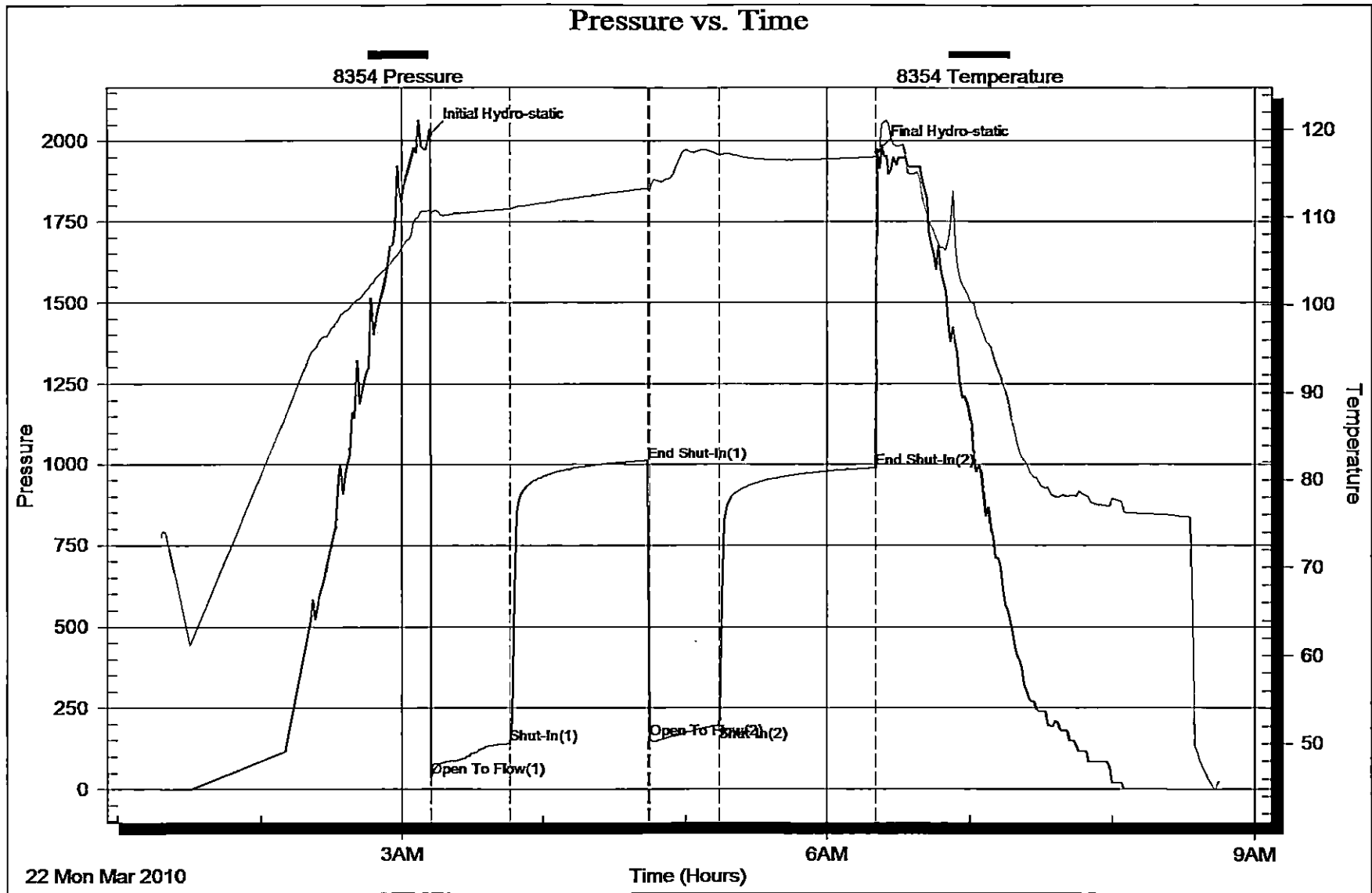
Num Gas Bombs: 0

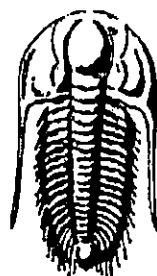
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

30-9-25 Graham Ks

BH Werth #1

Start Date: 2010.03.22 @ 17:23:40

End Date: 2010.03.23 @ 00:23:10

Job Ticket #: 38145 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Eternity Exploration LLC

BH Werth #1

30-9-25 Graham Ks

DST # 4

J-K

LKC

2010.03.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eternity Exploration LLC

383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

BH Werth #1

30-9-25 Graham Ks

Job Ticket: 38145 DST#: 4

Test Start: 2010.03.22 @ 17:23:40

GENERAL INFORMATION:

Formation: **J-K LKC**

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

Time Tool Opened: 19:39:25

Time Test Ended: 00:23:10

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **4042.00 ft (KB) To 4070.00 ft (KB) (TVD)**

Total Depth: **4070.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Good**

Reference Elevations: **2604.00 ft (KB)**

2599.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8354

Inside

Press@RunDepth: psig @ **4043.00 ft (KB)**

Start Date: **2010.03.22**

End Date:

2010.03.23

Start Time: **17:23:41**

End Time:

00:23:10

Capacity: **8000.00 psig**

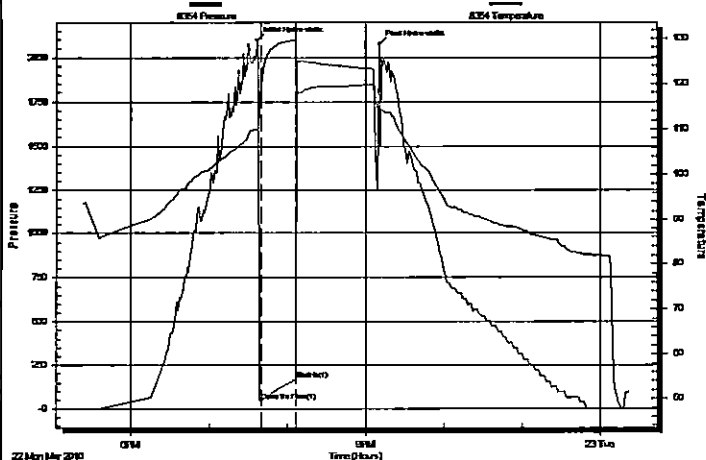
Last Calib.: **2010.03.23**

Time On Btm: **2010.03.22 @ 19:36:40**

Time Off Btm: **2010.03.22 @ 21:10:40**

TEST COMMENT: IF-Strong B-B in 45 sec
IS-Strong B-B in 5 min
FF-Lost Packer seat

Pressure vs. Time



PRESSURE SUMMARY

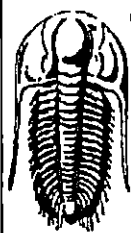
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.91	110.06	Initial Hydro-static
3	44.85	119.66	Open To Flow (1)
30	168.43	129.62	Shut-in(1)
94	2074.57	114.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
550.00	Drig Mud	6.59
124.00	Silty OCM 3%o 97%m	1.74
310.00	OCGsyM 10%g 20%o 70%m	4.35
62.00	MCGsyO 10%g 70%o 20%m	0.87
465.00	CGsyO 10%g 90%o	6.52
0.00	1580 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eternity Exploration LLC
383 Spyglass Dr
Coppell Tx 75019-5430

ATTN: Scott Alberg

BH Werth #1
30-9-25 Graham Ks
Job Ticket: 38145 **DST#: 4**
Test Start: 2010.03.22 @ 17:23:40

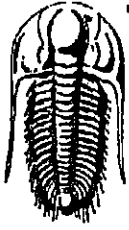
Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	55.45 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4042.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	48.00 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			4023.00	
Shut In Tool	5.00			4028.00	
Hydraulic tool	5.00			4033.00	
Packer	5.00			4038.00	20.00 Bottom Of Top Packer
Packer	4.00			4042.00	
Stubb	1.00			4043.00	
Recorder	0.00	8354	Inside	4043.00	
Recorder	0.00	8520	Outside	4043.00	
Perforations	24.00			4067.00	
Bullnose	3.00			4070.00	28.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration LLC

BH Werth #1

383 Spyglass Dr
Coppell Tx 75019-5430

30-9-25 Graham Ks

Job Ticket: 38145

DST#: 4

ATTN: Scott Alberg

Test Start: 2010.03.22 @ 17:23:40

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 2300.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 32 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
550.00	Drig Mud	6.595
124.00	Silly OCM 3%o 97%m	1.739
310.00	OCGsyM 10%g 20%o 70%m	4.348
62.00	MCGsyO 10%g 70%o 20%m	0.870
465.00	CGsyO 10%g 90%o	6.523
0.00	1580 GIP	0.000

Total Length: 1511.00 ft Total Volume: 20.075 bbl

Num Fluid Samples: 0

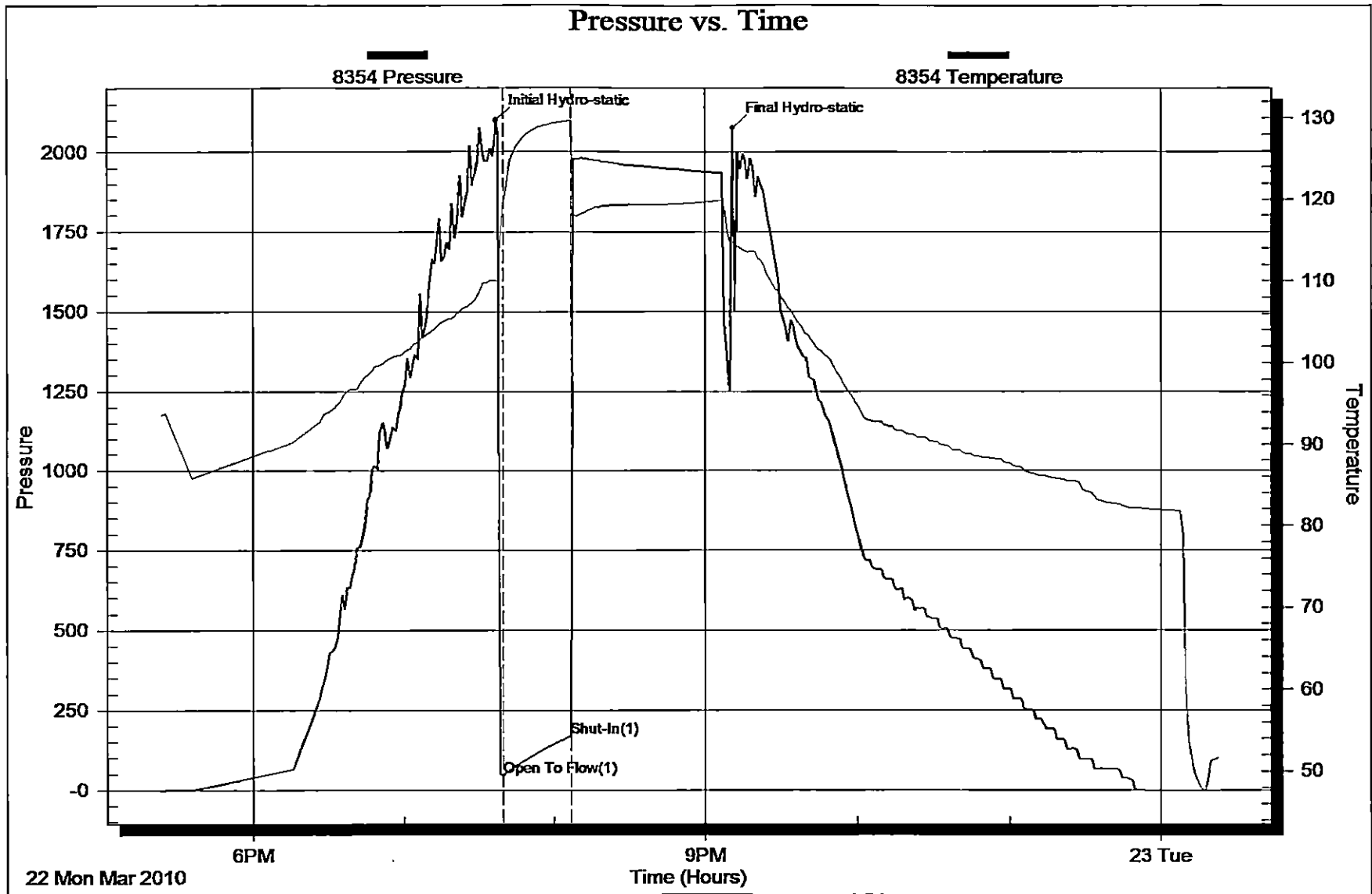
Num Gas Bombs: 0

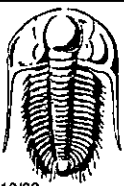
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 23 2010

Test Ticket

NO. 38143

Well Name & No. BH Werth #1 BY: _____ Test No. 1 Date 3-20-08
 Company Eternity Exploration LLC Elevation 2604 KB 2599 GL
 Address 383 Spyclass Dr Coppell Tx 75019-5430
 Co. Rep / Geo. Scott Albery Rig WW Rig 4
 Location: Sec. 30 Twp. 9 Rge. 25 Co. Graham State Ks

Interval Tested 3823-3876 Zone Tested Toronto "A"
 Anchor Length 53 Drill Pipe Run 3689 Mud Wt. 8.9
 Top Packer Depth 3817 Drill Collars Run 143 Vis 54
 Bottom Packer Depth 3823 Wt. Pipe Run - 0 - WL 7.2
 Total Depth 3876 Chlorides _____ ppm System LCM _____

Blow Description IF BOB 9mn 45 sec Strong Blow
ISI Blow built back 2" during SI
FF BOB 20mn Strong Blow
FSI Blow built back 3" during SI

Rec	Feet of	%gas	%oil	%water	%mud
<u>126</u>	<u>Oil speck swdk</u>				
<u>126</u>	<u>SGOCM</u>	<u>10</u>	<u>15</u>		<u>D</u>
<u>31</u>	<u>GOCM</u>	<u>10</u>	<u>30</u>		<u>60</u>
<u>31</u>	<u>Oil</u>				
<u>189</u>	<u>61P</u>				
<u>314</u>	<u>BHT 118</u>				

Gravity 30 API RW 23 @ 45 ° F Chlorides 52,000 ppm
 Test 1090- T-On Location 8:10
 Jars T-Started 9:10
 Safety Joint T-Open 11:14
 Circ Sub T-Pulled 14:18
 Hourly Standby T-Out 16:42

(A) Initial Hydrostatic 1936
 (B) First Initial Flow 43
 (C) First Final Flow 139
 (D) Initial Shut-In 994
 (E) Second Initial Flow 246
 (F) Second Final Flow 207
 (G) Final Shut-In 924
 (H) Final Hydrostatic 1874

Mileage 136 R/H
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Sub Total 1186-
 Total 11865

Approved By [Signature] Our Representative Thanks Jack

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.



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RECEIVED
MAR 23 2010

Test Ticket

NO. 38176

Well Name & No. BH Wenth #1 BY: _____ Test No. 2 Date 3-21-10
 Company Eternity Exploration LLC Elevation 2604 KB 2599 GL
 Address 338 Spyglass Dr Coppel Tx 75019-5430
 Co. Rep / Geo. Scott Alberg Rig WW Rig 4
 Location: Sec. 30 Twp. 9 Rge. 25 Co. Graham State Ks

Interval Tested 3880 - 3920 Zone Tested LAN BFD
 Anchor Length 40 Drill Pipe Run 3752 Mud Wt. 9.1
 Top Packer Depth 3825 Drill Collars Run 123 Vis 60
 Bottom Packer Depth 3880 Wt. Pipe Run - 0 - WL 7.4
 Total Depth 3920 Chlorides _____ ppm System LCM _____

Blow Description IF Weak blow @ SURFACE
ISI No blow
FF No blow surged Tool No blow
FSI No blow

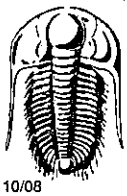
Rec	Feet of	%gas	%oil	%water	%mud
<u>2'</u>	<u>OSM</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2' BHT 108 Gravity _____ API RW .82 @ 70 °F Chlorides 7200 ppm
 (A) Initial Hydrostatic 1914 Test 1090- T-On Location 3:45
 (B) First Initial Flow 14 Jars _____ T-Started 4:12
 (C) First Final Flow 15 Safety Joint _____ T-Open 6:08
 (D) Initial Shut-In ~~29~~ 29 Circ Sub _____ T-Pulled 8:08
 (E) Second Initial Flow 15 Hourly Standby _____ T-Out 9:45
 (F) Second Final Flow 16 Mileage 136 RT Comments _____
 (G) Final Shut-In 26 Sampler _____
 (H) Final Hydrostatic 1880 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1180-
 Sub Total 1180-

Approved By [Signature] Our Representative Thanks Luck

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RECEIVED
MAR 23 2010

Test Ticket

NO. 38144

Well Name & No. BH Werth #1 BY: _____ Test No. 3 Date 3-21-10
 Company Eternity Exploration LLC Elevation 2604 KB 2599 GL
 Address 338 Spyglass Dr. Coppell Tx 75019-5430
 Co. Rep / Geo. Scott Alberg Rig WW Rq 4
 Location: Sec. 30 Twp. 9 Rge. 25 Co. GRAHAM State Ks

Interval Tested 3968 - 4034 Zone Tested LKC H&I
 Anchor Length 65 Drill Pipe Run 3846 Mud Wt. 9.1
 Top Packer Depth 3963 Drill Collars Run 123 Vis 55
 Bottom Packer Depth 3968 Wt. Pipe Run - 0 - WL 7.2
 Total Depth 4034 Chlorides _____ ppm System LCM _____

Blow Description IF BOB 4mn 45 sec Strong blow
ISI Blow built back to bottom 15 mn
FF BOB in 5 mn Strong blow
FST Blow built back to bottom in 9 mn 30 sec

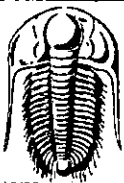
Rec	Feet of	%gas	%oil	%water	%mud
<u>126</u>	<u>Salty GOCM</u>	<u>20</u>	<u>10</u>	<u>20</u>	<u>50</u>
<u>126</u>	<u>GOCM</u>	<u>40</u>	<u>20</u>	<u>%water</u>	<u>40</u>
<u>289</u>	<u>60</u>	<u>20</u>	<u>80</u>	<u>%water</u>	<u>%mud</u>
<u>1794</u>	<u>GLP</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 471 BHT 116° Gravity 38 API RW 133 @ 50 °F Chlorides 28,000 ppm

(A) Initial Hydrostatic 2019 Test 1150- T-On Location 00:45
 (B) First Initial Flow 38 Jars _____ T-Started 1:18
 (C) First Final Flow 139 Safety Joint _____ T-Open 3:13
 (D) Initial Shut-In 1010 Circ Sub _____ T-Pulled 6:15
 (E) Second Initial Flow 156 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 198 Mileage 136 R/T Comments _____
 (G) Final Shut-In 988 Sampler _____
 (H) Final Hydrostatic 1964 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Initial Open 30 Extra Packer _____ Ruined Packer _____
 Initial Shut-In 60 Extra Recorder _____ Extra Copies _____
 Final Flow 30 Day Standby _____ Sub Total Ø
 Final Shut-In 60 Accessibility _____ Total 1286-
 Sub Total 1286-

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 38145

RECEIVED

Well Name & No. BH Werth #1 Test No. 4 Date 3-22-10
 Company ETERNITY Exploration LLC Elevation 2604 KB 2599 GL
 Address _____
 Co. Rep / Geo. SCOTT ALBERG Rig WW #4
 Location: Sec. 30 Twp. 9 Rge. 25 Co. Graham State KS

Interval Tested 4042 — 4070 Zone Tested I-K LKC
 Anchor Length 28 Drill Pipe Run 3910 Mud Wt. 9.1
 Top Packer Depth 4037 Drill Collars Run 12.3 Vis 60
 Bottom Packer Depth 4042 Wt. Pipe Run — WL 7.2
 Total Depth 4070 Chlorides 2300 ppm System LCM —
 Blow Description I.F. Strong B-B in 45 sec
1.51-Strong B-B in 5 min. last packer seat
F.F. last packer seat

1580' CIP

Rec	Feet of	%gas	%oil	%water	%mud
550	Dry Mud				
124	5/16 OC M		3		97
310	OC 65 M	10	20		70
62	M C 65 0	10	70		20
465	C 65 0	10	90		

Rec Total 1511 BHT _____ Gravity 3.2 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2063 Test 1150 T-On Location 16:45
 (B) First Initial Flow 44 Jars _____ T-Started 17:03
 (C) First Final Flow 168 Safety Joint _____ T-Open 19:35
 (D) Initial Shut-In — Circ Sub _____ T-Pulled 21:05
 (E) Second Initial Flow — Hourly Standby _____ T-Out 00:33
 (F) Second Final Flow — Mileage 136 RT Comments lost packer seat on 1.51
 (G) Final Shut-In — Sampler _____
 (H) Final Hydrostatic 2021 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 60 Accessibility _____ Total 1286
 Final Flow 5
 Final Shut-In —
 Sub Total 1286

Approved By [Signature] Our Representative Dan Bangle
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