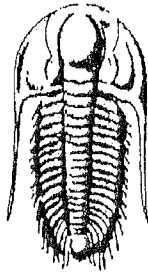


15-187-21026

8-27s-40w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy**

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

8-27s-40w

Swisher A #1-8

Start Date: 2004.02.25 @ 21:43:43

End Date: 2004.02.26 @ 04:34:13

Job Ticket #: 19813

DST #: 1

API 15-187-21026-00-00

N2 NE NW

430 FNL 1960 FNL

RECEIVED

AUG 19 2004

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Abercrombie Energy

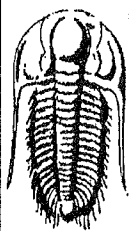
Swisher A #1-8

8-27s-40w

DST # 1

Marmton

2004.02.25



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

Swisher A #1-8

8-27s-40w

Job Ticket: 19813

DST#: 1

Test Start: 2004.02.25 @ 21:43:43

GENERAL INFORMATION:

Formation: **Marmrton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:28

Time Test Ended: 04:34:13

Test Type: Conventional Bottom Hole

Tester: Leroy Black

Unit No: 15

Interval: **4386.00 ft (KB) To 4417.00 ft (KB) (TVD)**

Total Depth: **4417.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **3255.00 ft (KB)**

3250.00 ft (CF)

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

Serial #: 6752 Inside

Press@RunDepth: **30.08 psig @ 4386.00 ft (KB)**

Start Date: **2004.02.25**

End Date: **2004.02.26**

Start Time: **21:43:44**

End Time: **04:34:13**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2004.02.25 @ 23:59:28**

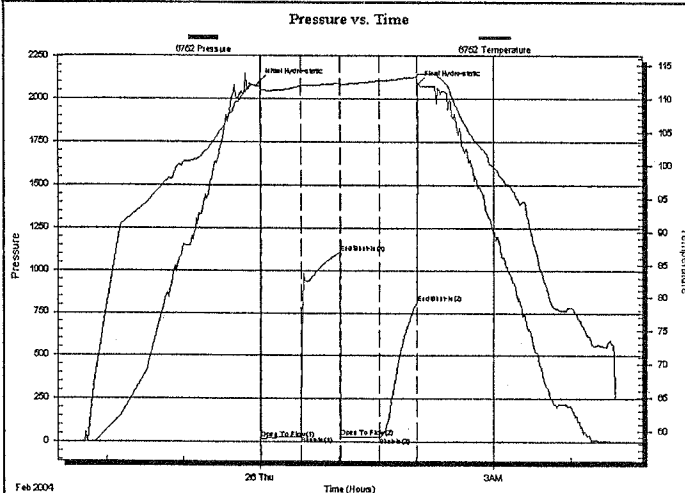
Time Off Btm: **2004.02.26 @ 02:01:43**

TEST COMMENT: IF: Weak blow built to .5 inchs in 10 min died in 29 mins.

IS: No return

FF: No blow

FS: No return.



PRESSURE SUMMARY

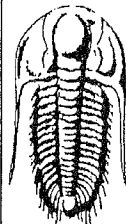
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.16	111.94	Initial Hydro-static
1	15.49	111.45	Open To Flow (1)
32	34.13	111.85	Shut-In(1)
61	1106.45	112.27	End Shut-In(1)
62	27.93	111.66	Open To Flow (2)
92	30.08	112.67	Shut-In(2)
122	810.79	113.24	End Shut-In(2)
123	2087.67	113.67	Final Hydro-static

Recovery

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

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19813

DST#: 1

ATTN: Wes Hansen

Test Start: 2004.02.25 @ 21:43:43

Tool Information

Drill Pipe:	Length: 3967.00 ft	Diameter: 3.80 inches	Volume: 55.65 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 413.00 ft	Diameter: 2.25 inches	Volume: 2.03 bbl	Weight to Pull Loose:	72000.00 lb
		Total Volume:	57.68 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4386.00 ft			Final	70000.00 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		

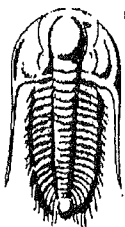
Tool Comments:

Tool Description

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

Stubb	1.00			4359.00	
Shut In Tool	5.00			4364.00	
Hydraulic tool	5.00			4369.00	
Jars	5.00			4374.00	
Safety Joint	3.00			4377.00	
Packer	4.00			4381.00	28.00 Bottom Of Top Packer
Packer	5.00		Fluid	4386.00	
Recorder	0.00	6752	Inside	4386.00	
Recorder	0.00	11018	Outside	4386.00	
Perforations	28.00			4414.00	
Bullnose	3.00			4417.00	31.00 Bottom Packers & Anchor

Total Tool Length: 59.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19813

DST#: 1

ATTN: Wes Hansen

Test Start: 2004.02.25 @ 21:43:43

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.94 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 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
3.00	Mud	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

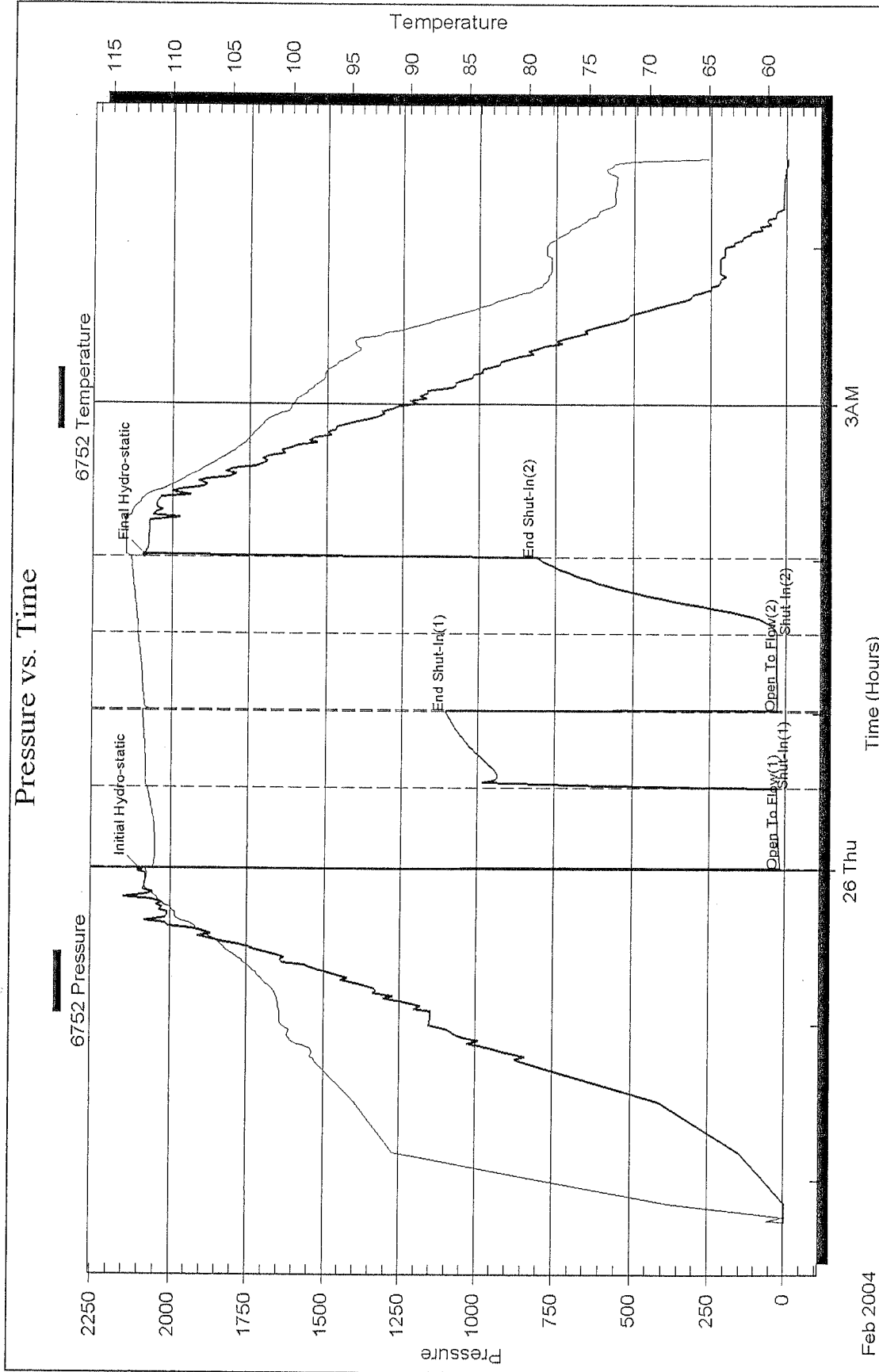
Num Gas Bombs: 0

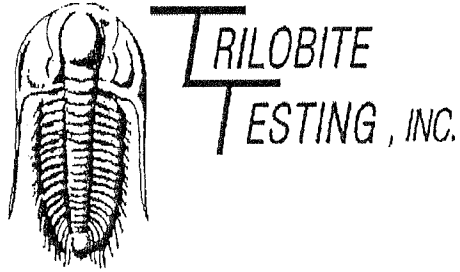
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy**

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

8-27s-40w

Swisher A #1-8

Start Date: 2004.02.29 @ 22:25:39

End Date: 2004.03.01 @ 05:21:54

Job Ticket #: 19814

DST #: 2

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

Abercrombie Energy

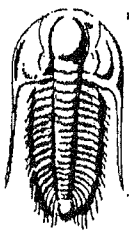
Swisher A #1-8

8-27s-40w

DST # 2

Lower Morrow

2004.02.29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

Swisher A #1-8

8-27s-40w

Job Ticket: 19814

DST#: 2

Test Start: 2004.02.29 @ 22:25:39

GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:02:54

Time Test Ended: 05:21:54

Test Type: Conventional Bottom Hole

Tester: Leroy Black

Unit No: 15

Interval: 5200.00 ft (KB) To 5211.00 ft (KB) (TVD)

Total Depth: 5211.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3255.00 ft (KB)

3250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: 16.12 psig @ 5200.00 ft (KB)

Start Date: 2004.02.29

End Date: 2004.03.01

Start Time: 22:25:40

End Time: 05:21:54

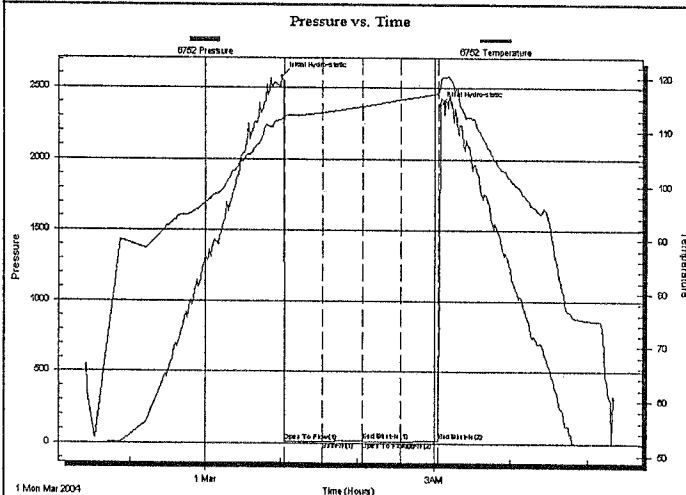
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.01 @ 01:01:09

Time Off Btm: 2004.03.01 @ 03:03:54

TEST COMMENT: IF:No blow
IS:No return
FF:No blow
FS:No return



PRESSURE SUMMARY

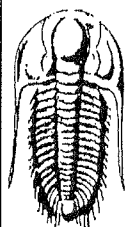
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2581.94	112.32	Initial Hydro-static
2	13.21	112.48	Open To Flow (1)
32	15.31	113.55	Shut-In(1)
63	21.80	114.67	End Shut-In(1)
63	15.09	114.68	Open To Flow (2)
92	16.12	115.96	Shut-In(2)
122	19.90	117.12	End Shut-In(2)
123	2378.57	118.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	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

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19814

DST#: 2

ATTN: Wes Hansen

Test Start: 2004.02.29 @ 22:25:39

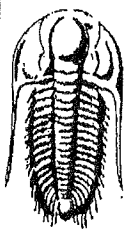
Tool Information

Drill Pipe:	Length: 4776.00 ft	Diameter: 3.80 inches	Volume: 66.99 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:	30000.00 lb
Drill Collar:	Length: 413.00 ft	Diameter: 2.25 inches	Volume: 2.03 bbl	Weight to Pull Loose:	100000.0 lb
			Total Volume: 69.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5200.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			5173.00	
Shut In Tool	5.00			5178.00	
Hydraulic tool	5.00			5183.00	
Jars	5.00			5188.00	
Safety Joint	3.00			5191.00	
Packer	4.00			5195.00	28.00 Bottom Of Top Packer
Packer	5.00		Fluid	5200.00	
Recorder	0.00	6752	Inside	5200.00	
Recorder	0.00	11018	Outside	5200.00	
Perforations	8.00			5208.00	
Bullnose	3.00			5211.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19814

DST#: 2

ATTN: Wes Hansen

Test Start: 2004.02.29 @ 22:25:39

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length:

1.00 ft

Total Volume:

0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

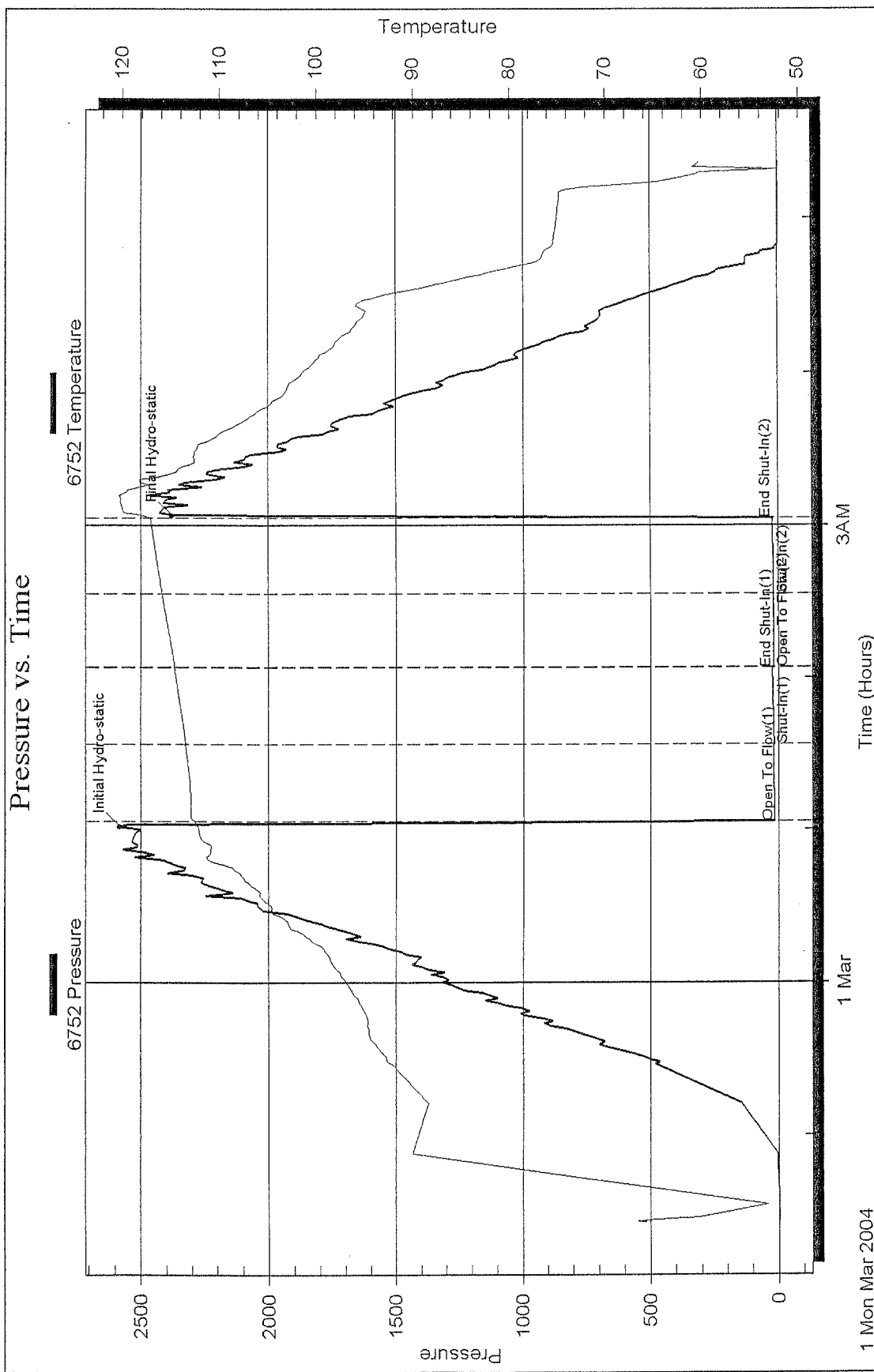
Serial #:

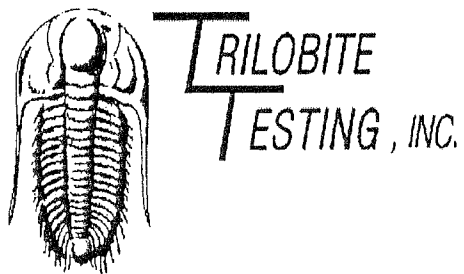
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy**

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

8-27s-40w

Swisher A #1-8

Start Date: 2004.03.01 @ 19:39:54

End Date: 2004.03.02 @ 00:52:09

Job Ticket #: 19815

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Abercrombie Energy

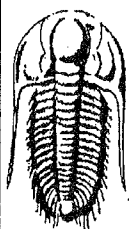
Swisher A #1-8

8-27s-40w

DST # 3

Keyes

2004.03.01



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

Swisher A #1-8

8-27s-40w

Job Ticket: 19815

DST#: 3

Test Start: 2004.03.01 @ 19:39:54

GENERAL INFORMATION:

Formation: **Keyes**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 00:52:09

Test Type: Conventional Bottom Hole

Tester: Leroy Black

Unit No: 15

Interval: 5208.00 ft (KB) To 5253.00 ft (KB) (TVD)

Total Depth: 5253.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3255.00 ft (KB)

3250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: psig @ 5208.00 ft (KB)

Start Date: 2004.03.01

End Date: 2004.03.02

Start Time: 19:39:55

End Time: 00:52:09

Capacity: 7000.00 psig

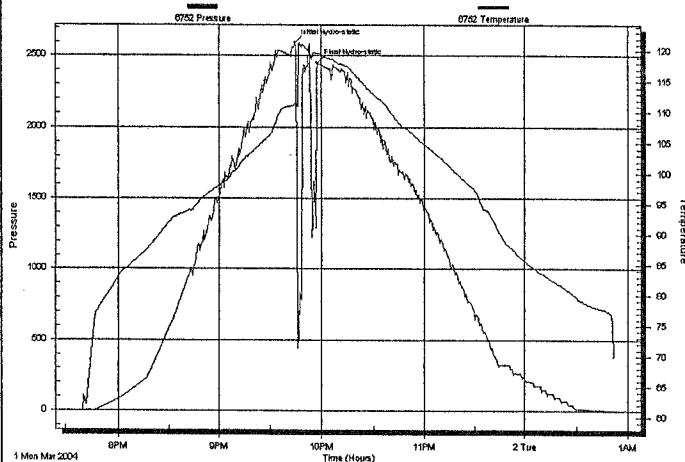
Last Calib.: 1899.12.30

Time On Btm: 2004.03.01 @ 21:44:24

Time Off Btm: 2004.03.01 @ 21:57:24

TEST COMMENT: Packer set failed try to reset failed

Pressure vs. Time



PRESSURE SUMMARY

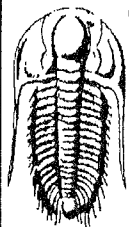
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2591.32	111.42	Initial Hydro-static
13	2451.13	119.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
563.00	mud	4.14

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19815

DST#: 3

ATTN: Wes Hansen

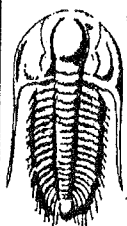
Test Start: 2004.03.01 @ 19:39:54

Tool Information

Drill Pipe:	Length: 4776.00 ft	Diameter: 3.80 inches	Volume: 66.99 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:	30000.00 lb
Drill Collar:	Length: 413.00 ft	Diameter: 2.25 inches	Volume: 2.03 bbl	Weight to Pull Loose:	120000.0 lb
			<u>Total Volume: 69.02 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	5208.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	73.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			5181.00	
Shut In Tool	5.00			5186.00	
Hydraulic tool	5.00			5191.00	
Jars	5.00			5196.00	
Safety Joint	3.00			5199.00	
Packer	4.00			5203.00	28.00 Bottom Of Top Packer
Packer	5.00		Fluid	5208.00	
Recorder	0.00	6752	Inside	5208.00	
Recorder	0.00	11018	Outside	5208.00	
Perforations	11.00			5219.00	
Blank Spacing	31.00			5250.00	
Bullnose	3.00			5253.00	45.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy

Swisher A #1-8

150 N. Main Suite 801
Wichita Ks 67202

8-27s-40w

Job Ticket: 19815

DST#: 3

ATTN: Wes Hansen

Test Start: 2004.03.01 @ 19:39:54

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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
563.00	mud	4.135

Total Length: 563.00 ft

Total Volume: 4.135 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

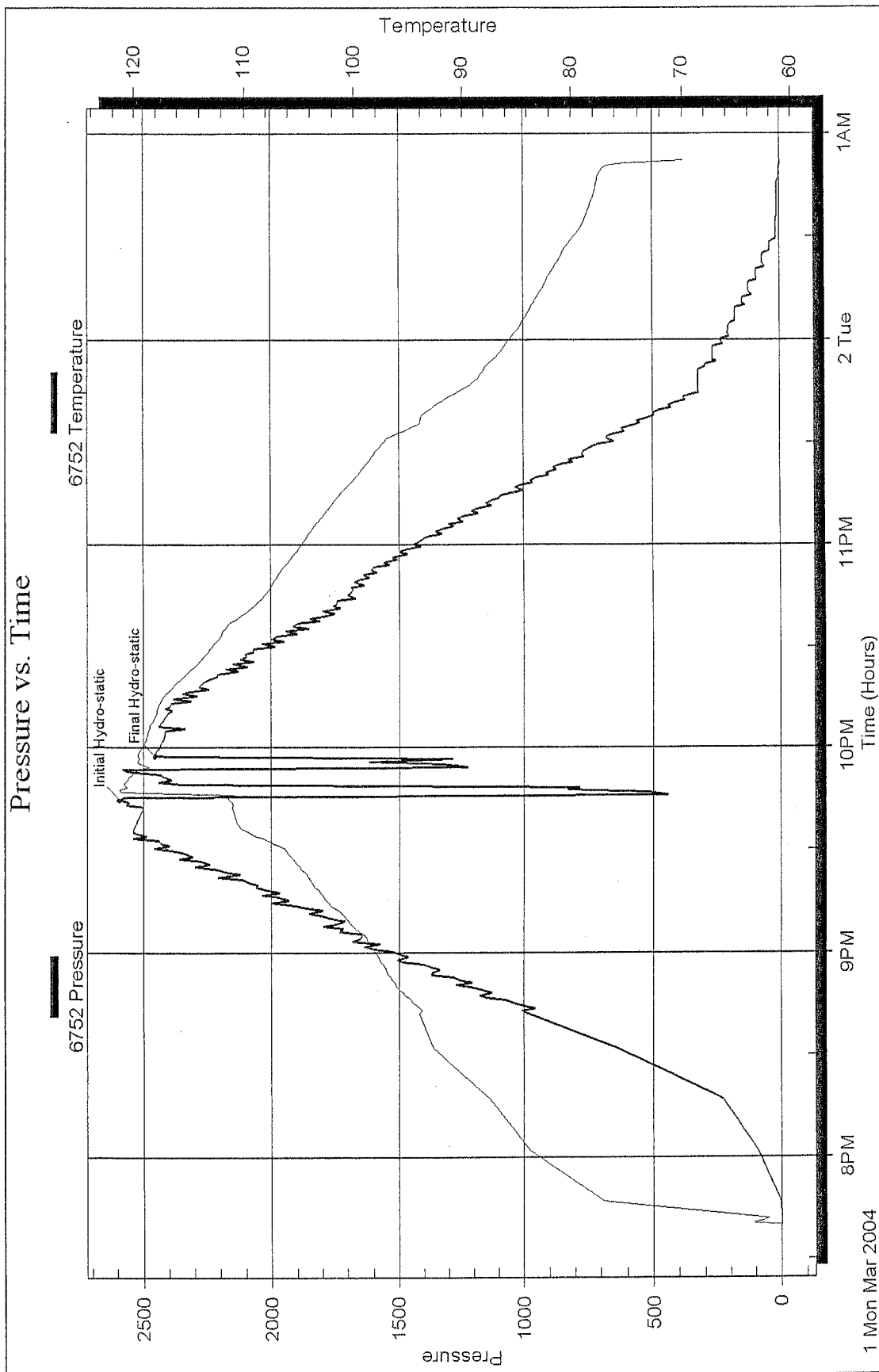
Serial #:

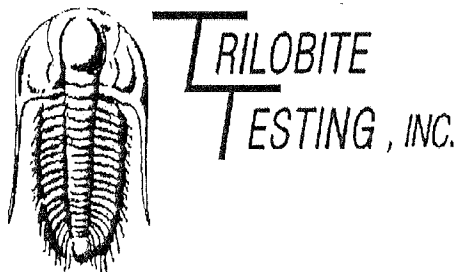
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy**

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

8-27s-40w

Swisher A #1-8

Start Date: 2004.03.02 @ 01:52:41

End Date: 2004.03.02 @ 09:01:56

Job Ticket #: 19816

DST #: 4

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

Abercrombie Energy

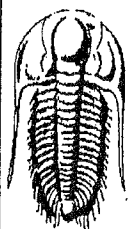
Swisher A #1-8

8-27s-40w

DST # 4

Keyes

2004.03.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

Swisher A #1-8

8-27s-40w

Job Ticket: 19816

DST#: 4

Test Start: 2004.03.02 @ 01:52:41

GENERAL INFORMATION:

Formation: **Keyes**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:11

Time Test Ended: 09:01:56

Test Type: Conventional Bottom Hole

Tester: Leroy Black

Unit No: 15

Interval: 5236.00 ft (KB) To 5253.00 ft (KB) (TVD)

Total Depth: 5253.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3255.00 ft (KB)

3250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: 46.52 psig @ 5236.00 ft (KB)

Start Date: 2004.03.02

End Date:

2004.03.02

Start Time: 01:52:42

End Time:

09:01:56

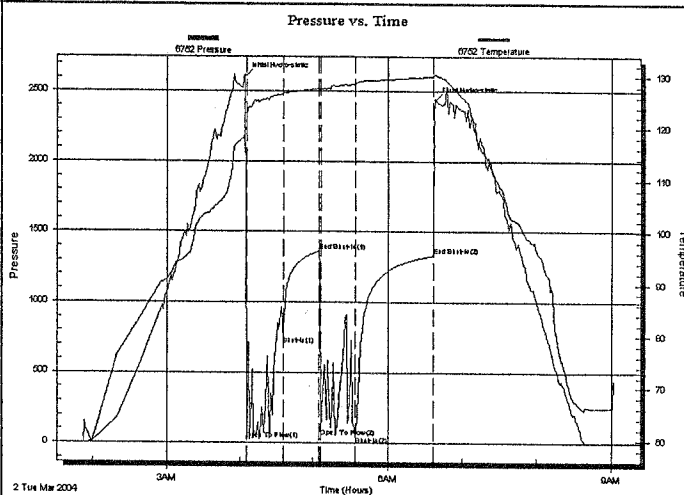
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.02 @ 04:04:11

Time Off Btm: 2004.03.02 @ 06:37:41

TEST COMMENT:



PRESSURE SUMMARY

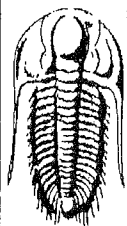
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2603.99	119.98	Initial Hydro-static
1	22.54	121.85	Open To Flow (1)
32	693.84	126.59	Shut-In(1)
62	1360.68	127.72	End Shut-In(1)
63	42.64	127.38	Open To Flow (2)
90	46.52	128.53	Shut-In(2)
152	1330.30	130.02	End Shut-In(2)
154	2436.06	130.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy

150 N. Main Suite 801
Wichita Ks 67202

ATTN: Wes Hansen

Swisher A #1-8

8-27s-40w

Job Ticket: 19816

DST#: 4

Test Start: 2004.03.02 @ 01:52:41

Tool Information

Drill Pipe: Length: 4807.00 ft Diameter: 3.80 inches Volume: 67.43 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 413.00 ft Diameter: 2.25 inches Volume: 2.03 bbl
Total Volume: 69.46 bbl
Drill Pipe Above KB: 12.00 ft
Depth to Top Packer: 5236.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 17.00 ft
Tool Length: 45.00 ft
Number of Packers: 2 Diameter: 6.75 inches
Tool Comments:

Tool Weight: 2500.00 lb
Weight set on Packer: 30000.00 lb
Weight to Pull Loose: lb
Tool Chased 0.00 ft
String Weight: Initial lb
Final lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			5209.00	
Shut In Tool	5.00			5214.00	
Hydraulic tool	5.00			5219.00	
Jars	5.00			5224.00	
Safety Joint	3.00			5227.00	
Packer	4.00			5231.00	28.00 Bottom Of Top Packer
Packer	5.00		Fluid	5236.00	
Recorder	0.00	6752	Inside	5236.00	
Recorder	0.00	11018	Outside	5236.00	
Perforations	14.00			5250.00	
Bullnose	3.00			5253.00	17.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

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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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

