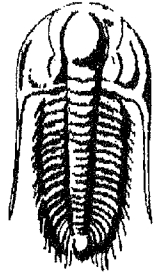


KG5 ✓



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, Ks
67278

ATTN: Roger Fisher

8-9s-30w Sheridan Ks

CKG #1

Start Date: 2008.11.22 @ 08:25:05

End Date: 2008.11.22 @ 16:15:59

Job Ticket #: 33303 DST #: 1

Ritchie Exploration Inc

CKG #1

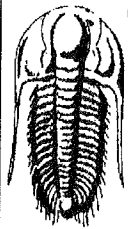
8-9s-30w Sheridan Ks

DST # 1

C

2008.11.22

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

CKG #1

PO Box 783188

Wichita, Ks

67278

ATTN: Roger Fisher

8-9s-30w Sheridan Ks

Job Ticket: 33303

DST#: 1

Test Start: 2008.11.22 @ 08:25:05

GENERAL INFORMATION:

Formation: C
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:23:15
 Time Test Ended: 16:15:59

Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 40

Interval: 4033.00 ft (KB) To 4060.00 ft (KB) (TVD)

Total Depth: 4060.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2953.00 ft (KB)
 2948.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 308.47 psig @ 4034.00 ft (KB)

Start Date: 2008.11.22

End Date:

2008.11.22

Capacity: 7000.00 psig

Last Calib.: 2008.11.22

Start Time: 08:25:05

End Time:

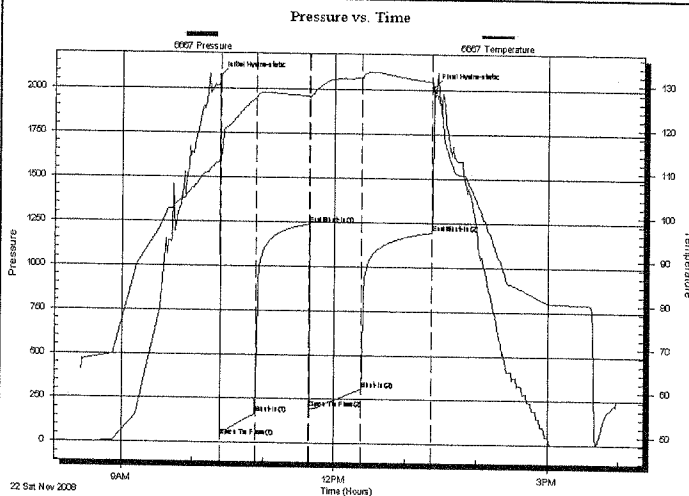
15:58:59

Time On Btm: 2008.11.22 @ 10:23:00

Time Off Btm: 2008.11.22 @ 13:23:30

TEST COMMENT:

BOB in 5 min
 Return blow in 6 min built to 5 1/2" in
 5 1/2" in @ open, BOB in 3 1/2 min
 Return blow in 4 min built to 6 1/2" in



PRESSURE SUMMARY

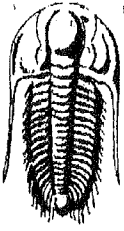
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.81	112.85	Initial Hydro-static
1	37.74	112.47	Open To Flow (1)
30	162.86	126.83	Shut-In(1)
76	1237.07	127.39	End Shut-In(1)
77	195.82	127.02	Open To Flow (2)
121	308.47	131.68	Shut-In(2)
180	1193.51	130.85	End Shut-In(2)
181	2018.89	126.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	g m c o 15g 30m 55o	0.30
735.00	c g o 15g 85o	9.74
0.00	825' gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

Job Ticket: 33303

DST#: 1

ATTN: Roger Fisher

Test Start: 2008.11.22 @ 08:25:05

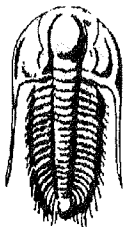
Tool Information

Drill Pipe:	Length: 3899.00 ft	Diameter: 3.80 inches	Volume: 54.69 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	55.29 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4033.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 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			4014.00	
Shut In Tool	5.00			4019.00	
Hydraulic tool	5.00			4024.00	
Packer	5.00			4029.00	20.00 Bottom Of Top Packer
Packer	4.00			4033.00	
Stubb	1.00			4034.00	
Recorder	0.00	6667	Inside	4034.00	
Recorder	0.00	6771	Outside	4034.00	
Perforations	21.00			4055.00	
Bullnose	5.00			4060.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

CKG #1

PO Box 783188

8-9s-30w Sheridan Ks

Wichita, Ks

Job Ticket: 33303

DST#: 1

67278

ATTN: Roger Fisher

Test Start: 2008.11.22 @ 08:25:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.17 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	g m c o 15g 30m 55o	0.295
735.00	c g o 15g 85o	9.736
0.00	825' gas in pipe	0.000

Total Length: 795.00 ft Total Volume: 10.031 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

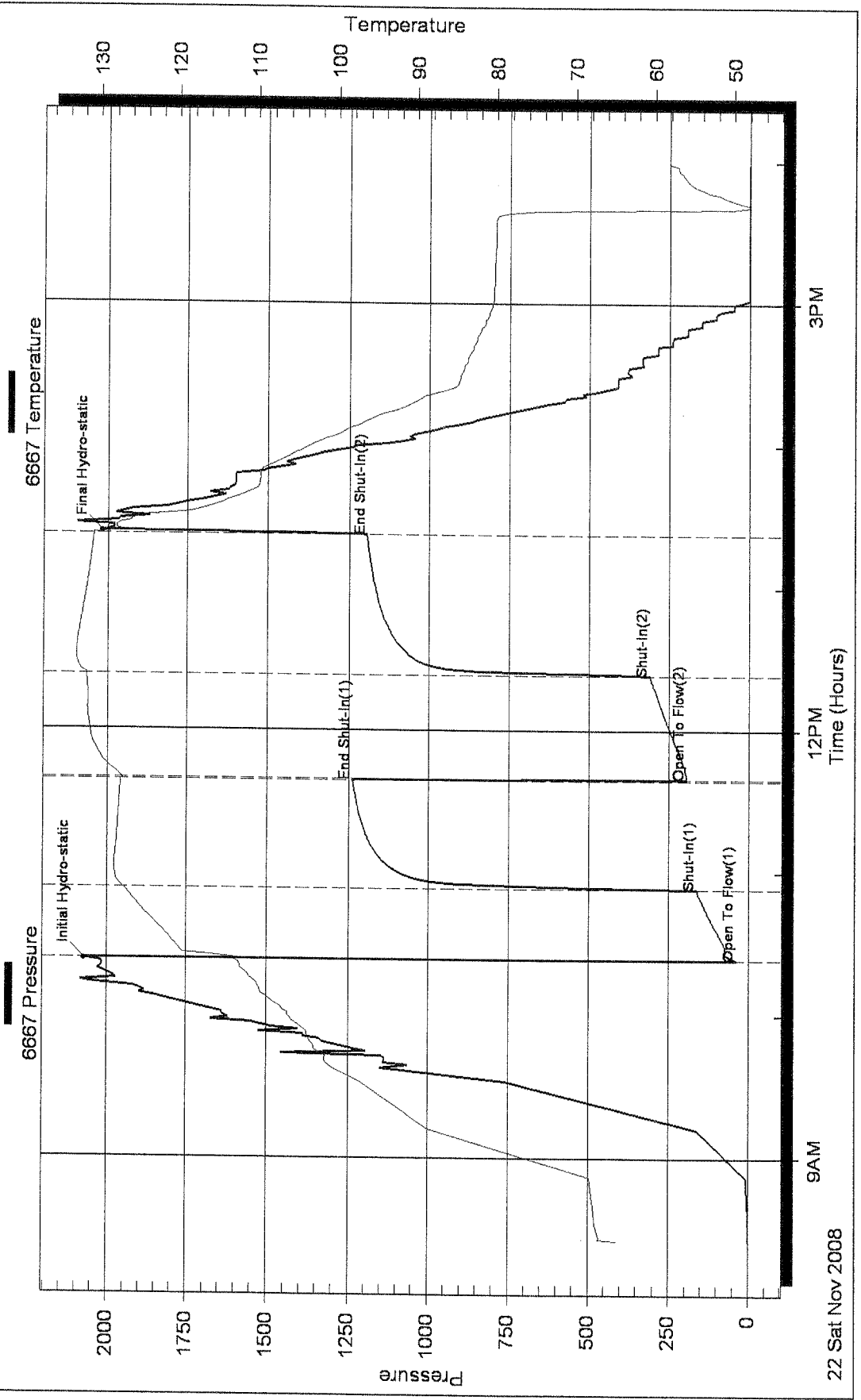
Serial #:

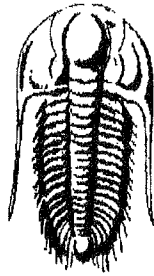
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, Ks
67278

ATTN: Roger Fisher

8-9s-30w Sheridan Ks

CKG #1

Start Date: 2008.11.22 @ 22:30:15

End Date: 2008.11.23 @ 05:35:24

Job Ticket #: 33304 DST #: 2

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

Ritchie Exploration Inc

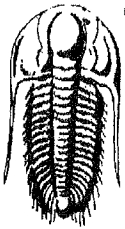
CKG #1

8-9s-30w Sheridan Ks

DST # 2

D

2008.11.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

Job Ticket: 33304

DST#: 2

ATTN: Roger Fisher

Test Start: 2008.11.22 @ 22:30:15

GENERAL INFORMATION:

Formation: **D**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 00:13:25
Time Test Ended: 05:35:24

Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **40**

Interval: **4062.00 ft (KB) To 4070.00 ft (KB) (TVD)**
Total Depth: **4070.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2953.00 ft (KB)**
2948.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6667

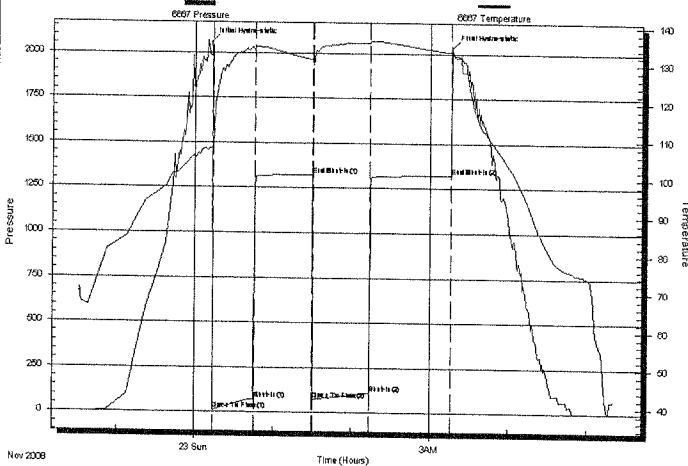
Inside

Press@RunDepth: **109.76 psig @ 4063.00 ft (KB)**
Start Date: **2008.11.22** End Date: **2008.11.23**
Start Time: **22:30:15** End Time: **05:20:24**

Capacity: **7000.00 psig**
Last Calib.: **2008.11.23**
Time On Btm: **2008.11.23 @ 00:12:25**
Time Off Btm: **2008.11.23 @ 03:17:10**

TEST COMMENT: **1/4" in @ open built to 4 1/4" in**
No return
Surface blow built to 2 3/4" in
No return

Pressure vs. Time



PRESSURE SUMMARY

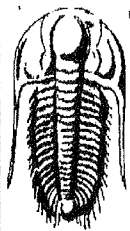
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2056.24	108.01	Initial Hydro-static
1	11.95	108.52	Open To Flow (1)
33	73.29	134.01	Shut-In(1)
78	1321.38	131.21	End Shut-In(1)
78	73.53	130.80	Open To Flow (2)
122	109.76	135.78	Shut-In(2)
184	1320.77	133.24	End Shut-In(2)
185	2030.51	133.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	water 100%w	0.59
90.00	s m c w 15% m 85% w	1.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

CKG #1

PO Box 783188

8-9s-30w Sheridan Ks

Wichita, Ks

Job Ticket: 33304

DST#: 2

67278

ATTN: Roger Fisher

Test Start: 2008.11.22 @ 22:30:15

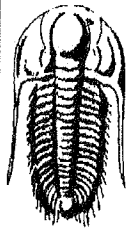
Tool Information

Drill Pipe:	Length: 3932.00 ft	Diameter: 3.80 inches	Volume: 55.16 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	55.76 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4062.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	28.00 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			4043.00	
Shut In Tool	5.00			4048.00	
Hydraulic tool	5.00			4053.00	
Packer	5.00			4058.00	20.00 Bottom Of Top Packer
Packer	4.00			4062.00	
Stubb	1.00			4063.00	
Recorder	0.00	6667	Inside	4063.00	
Recorder	0.00	6771	Outside	4063.00	
Perforations	2.00			4065.00	
Bullnose	5.00			4070.00	8.00 Bottom Packers & Anchor
Total Tool Length:	28.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

CKG #1

PO Box 783188

8-9s-30w Sheridan Ks

Wichita, Ks

Job Ticket: 33304

DST#: 2

67278

ATTN: Roger Fisher

Test Start: 2008.11.22 @ 22:30:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	water 100%w	0.590
90.00	s m c w 15% m 85% w	1.235

Total Length: 210.00 ft

Total Volume: 1.825 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

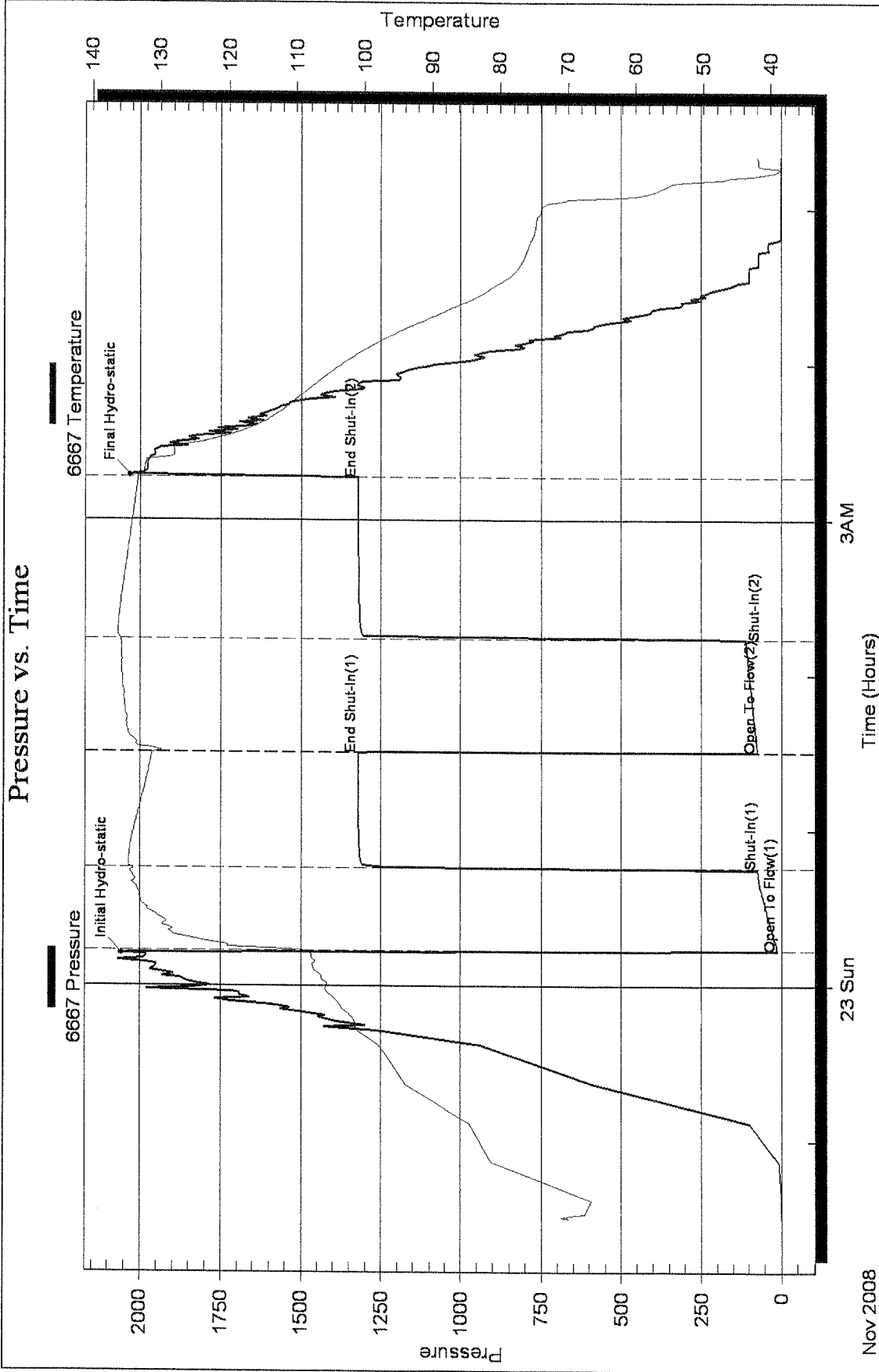
Serial #:

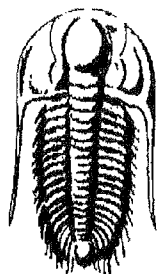
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .255 @ 59*f = 30,000 chlor

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, Ks
67278

ATTN: Roger Fisher

8-9s-30w Sheridan Ks

CKG #1

Start Date: 2008.11.23 @ 11:30:05

End Date: 2008.11.23 @ 17:45:00

Job Ticket #: 33305 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Ritchie Exploration Inc

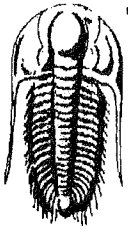
CKG #1

8-9s-30w Sheridan Ks

DST # 3

E

2008.11.23



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

Job Ticket: 33305

DST#: 3

ATTN: Roger Fisher

Test Start: 2008.11.23 @ 11:30:05

GENERAL INFORMATION:

Formation: E

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:15

Time Test Ended: 17:45:00

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 4087.00 ft (KB) To 4094.00 ft (KB) (TVD)

Total Depth: 4094.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2953.00 ft (KB)

2948.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 80.72 psig @ 4088.00 ft (KB)

Start Date: 2008.11.23

End Date:

2008.11.23

Start Time: 11:30:05

End Time:

17:29:14

Capacity: 7000.00 psig

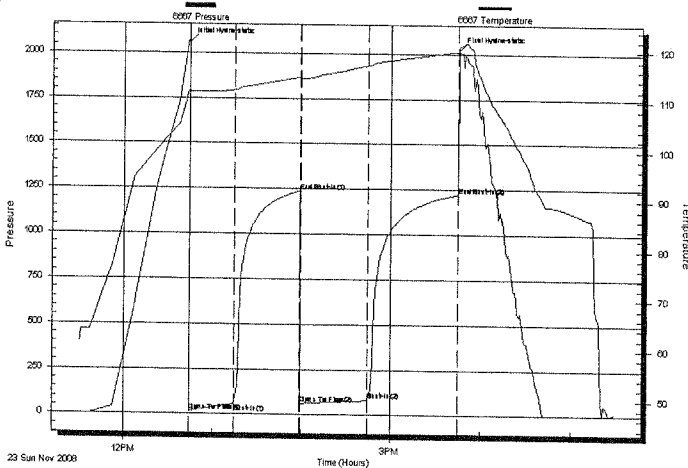
Last Calib.: 2008.11.23

Time On Btm: 2008.11.23 @ 12:44:00

Time Off Btm: 2008.11.23 @ 15:45:30

TEST COMMENT: 1/4" in @ open built to 4 1/2" in
No return
Surface blow in 6 min built to 2 1/4" in
No return

Pressure vs. Time



PRESSURE SUMMARY

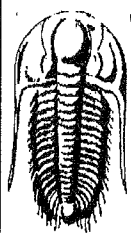
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.72	112.07	Initial Hydro-static
1	14.98	111.72	Open To Flow (1)
31	54.87	112.09	Shut-In(1)
76	1237.73	114.71	End Shut-In(1)
76	59.91	114.43	Open To Flow (2)
121	80.72	117.15	Shut-In(2)
181	1221.24	120.00	End Shut-In(2)
182	2022.67	120.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	s o c m w 5%o 20% m 75% w	0.60
30.00	c o 100% o	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

CKG #1

PO Box 783188

8-9s-30w Sheridan Ks

Wichita, Ks

Job Ticket: 33305

DST#: 3

67278

ATTN: Roger Fisher

Test Start: 2008.11.23 @ 11:30:05

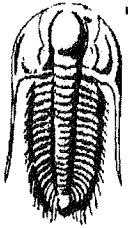
Tool Information

Drill Pipe:	Length: 3965.00 ft	Diameter: 3.80 inches	Volume: 55.62 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4087.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	27.00 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			4068.00	
Shut In Tool	5.00			4073.00	
Hydraulic tool	5.00			4078.00	
Packer	5.00			4083.00	20.00 Bottom Of Top Packer
Packer	4.00			4087.00	
Stubb	1.00			4088.00	
Recorder	0.00	6667	Inside	4088.00	
Recorder	0.00	6771	Outside	4088.00	
Perforations	1.00			4089.00	
Bullnose	5.00			4094.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

Job Ticket: 33305

DST#: 3

ATTN: Roger Fisher

Test Start: 2008.11.23 @ 11:30:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 6.39 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 37 deg API

Water Salinity: 34500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	s o c m w 5%o 20%m 75%w	0.605
30.00	c o 100%o	0.421

Total Length: 153.00 ft Total Volume: 1.026 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

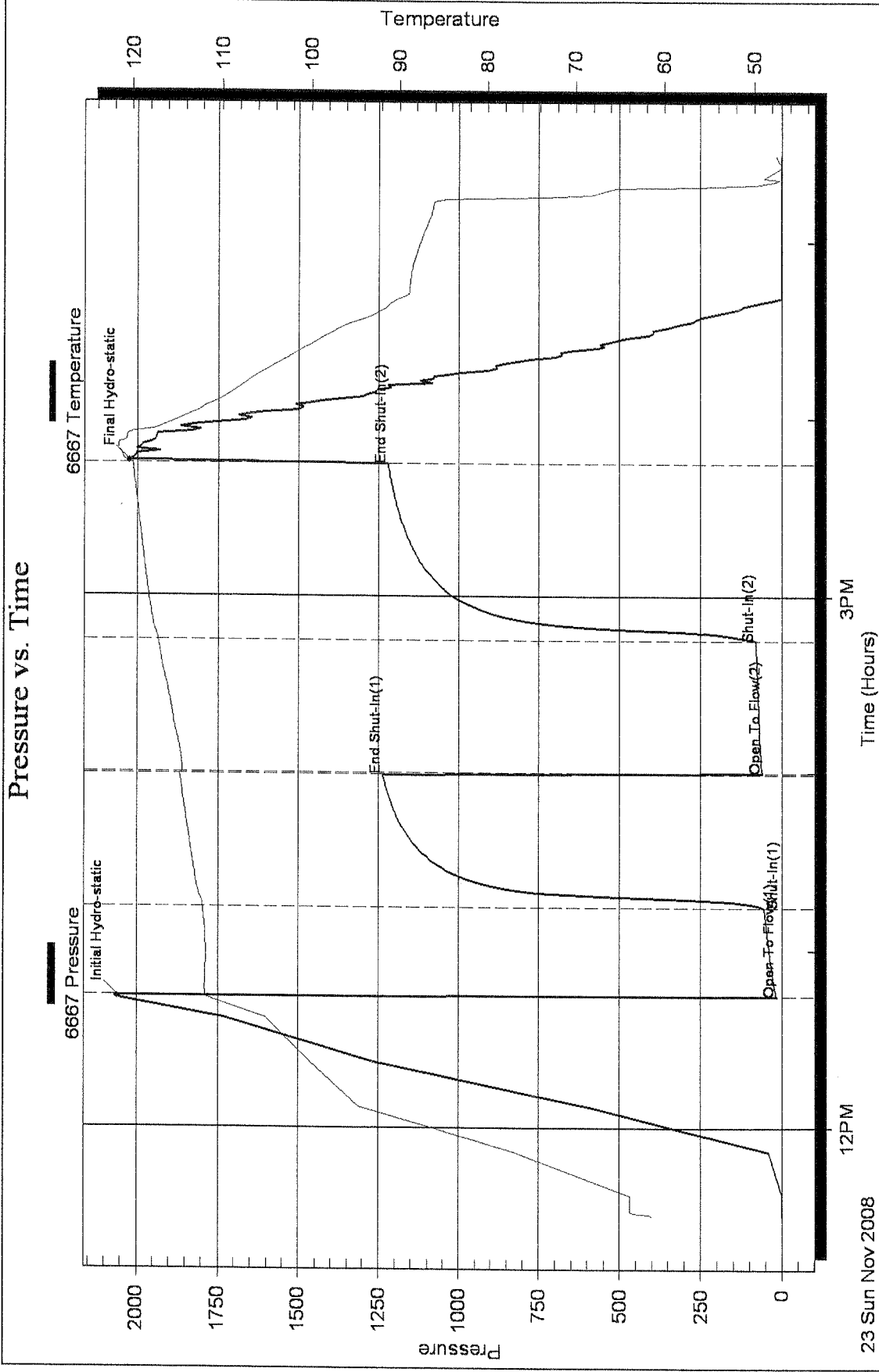
Serial #:

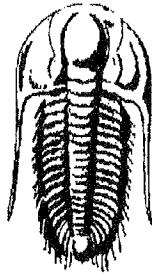
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .275 @ 52*f = 34,500 chlor

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita, Ks
67278

ATTN: Roger Fisher

8-9s-30w Sheridan Ks

CKG #1

Start Date: 2008.11.24 @ 12:50:05

End Date: 2008.11.24 @ 19:40:00

Job Ticket #: 33306 DST #: 4

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

Ritchie Exploration Inc

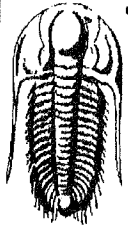
CKG #1

8-9s-30w Sheridan Ks

DST # 4

H-1

2008.11.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

ATTN: Roger Fisher

Job Ticket: 33306

DST#: 4

Test Start: 2008.11.24 @ 12:50:05

GENERAL INFORMATION:

Formation: **H-I**

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

Time Tool Opened: 14:30:30

Time Test Ended: 19:40:00

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4129.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Total Depth: **4220.00 ft (KB) (TVD)**

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

Reference Elevations: **2953.00 ft (KB)**

2948.00 ft (CF)

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

Serial #: 6667

Inside

Press@RunDepth: **88.66 psig @ 4130.00 ft (KB)**

Start Date: **2008.11.24**

End Date:

2008.11.24

Start Time: **12:50:05**

End Time:

19:16:29

Capacity: **7000.00 psig**

Last Calib.: **2008.11.24**

Time On Btm: **2008.11.24 @ 14:29:30**

Time Off Btm: **2008.11.24 @ 17:32:14**

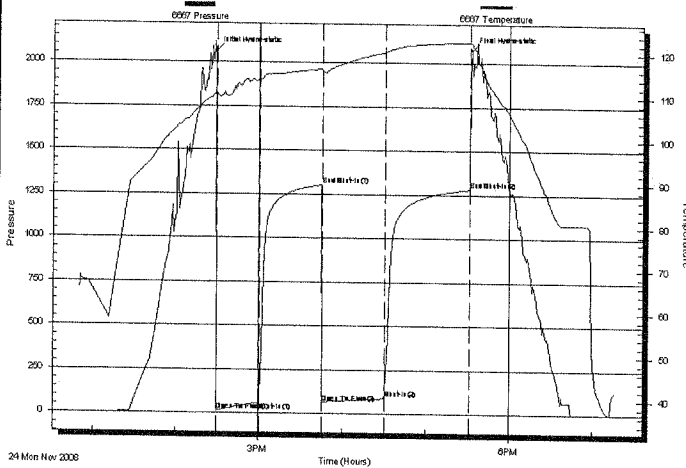
TEST COMMENT: **1/4" in @ open built to 2" in**

No return

Surface built to 1 1/2" in

No return

Pressure vs. Time



PRESSURE SUMMARY

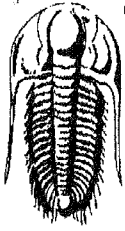
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2062.89	111.38	Initial Hydro-static
1	15.03	110.64	Open To Flow (1)
32	60.64	113.77	Shut-In(1)
77	1305.05	116.44	End Shut-In(1)
77	65.49	115.91	Open To Flow (2)
122	88.66	120.32	Shut-In(2)
182	1281.61	122.64	End Shut-In(2)
183	2075.00	122.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	m c w 30% m 70% w w/oil scum	0.60
17.00	w c m 40% w 60% m w/oil scum	0.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

CKG #1

PO Box 783188
Wichita, Ks
67278

8-9s-30w Sheridan Ks

Job Ticket: 33306 **DST#: 4**

ATTN: Roger Fisher

Test Start: 2008.11.24 @ 12:50:05

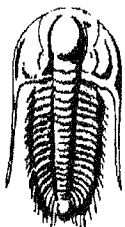
Tool Information

Drill Pipe:	Length: 3994.00 ft	Diameter: 3.80 inches	Volume: 56.03 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4129.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	91.00 ft			
Tool Length:	111.00 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			4110.00	
Shut In Tool	5.00			4115.00	
Hydraulic tool	5.00			4120.00	
Packer	5.00			4125.00	20.00 Bottom Of Top Packer
Packer	4.00			4129.00	
Stubb	1.00			4130.00	
Recorder	0.00	6667	Inside	4130.00	
Recorder	0.00	6771	Outside	4130.00	
Perforations	23.00			4153.00	
Drill Pipe	62.00			4215.00	
Bullnose	5.00			4220.00	91.00 Bottom Packers & Anchor

Total Tool Length: 111.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc
PO Box 783188
Wichita, Ks
67278
ATTN: Roger Fisher

CKG #1
8-9s-30w Sheridan Ks
Job Ticket: 33306 **DST#: 4**
Test Start: 2008.11.24 @ 12:50:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.79 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 2.00 inches		

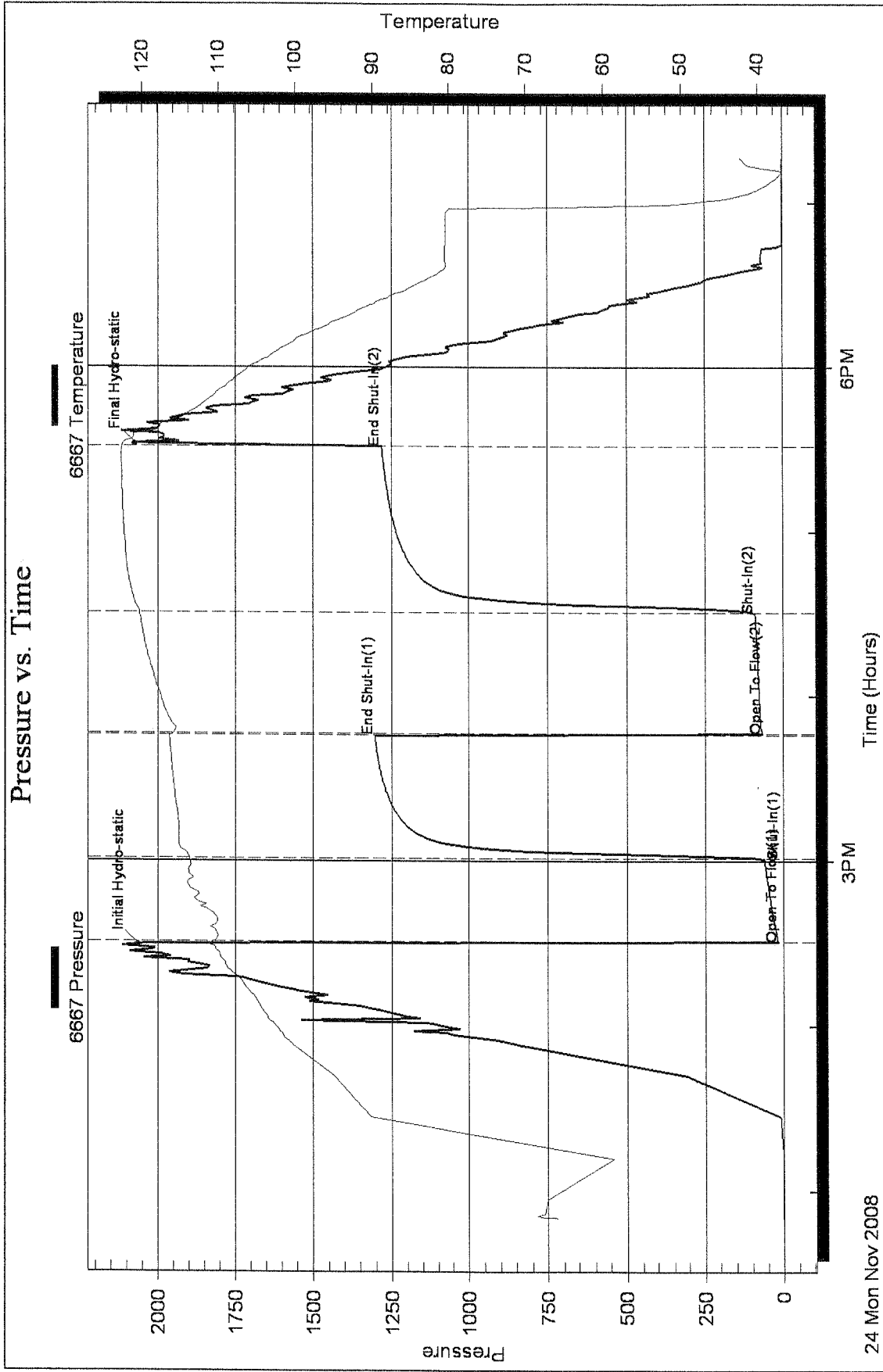
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	m c w 30% m 70% w w/oil scum	0.605
17.00	w c m 40% w 60% m w/oil scum	0.238

Total Length: 140.00 ft Total Volume: 0.843 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw .316 @ 47*f =32,000 chlor

Pressure vs. Time



24 Mon Nov 2008