

KG
7



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.10.30 @ 22:32:24

End Date: 2008.10.31 @ 04:16:54

Job Ticket #: 30806 DST #: 1

15-007-23384-0000

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Roberts Resources Inc.

Catlin 2-35

35 31 13 Barber KS

DST # 1

Indian Cave

2008.10.30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Roberts Resources Inc.
 520 S. Holland STE 207
 Wichita Ks, 67209
 ATTN: Kent Roberts

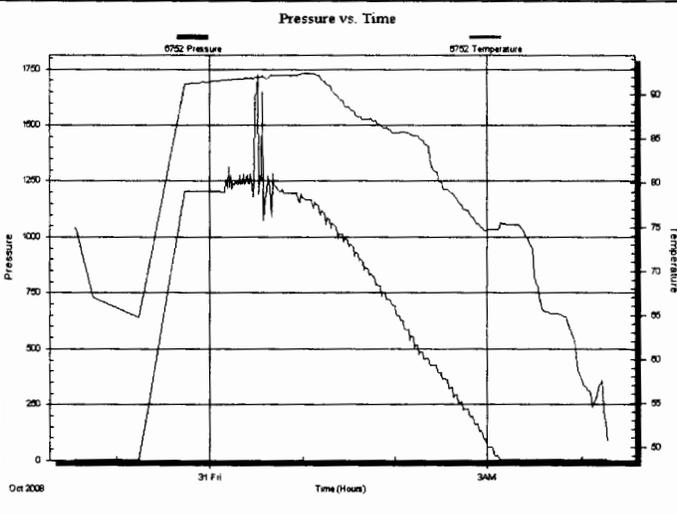
Catlin 2-35
35 31 13 Barber KS
 Job Ticket: 30806 **DST#: 1**
 Test Start: 2008.10.30 @ 22:32:24

GENERAL INFORMATION:

Formation: **Indian Cave**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: Tester: **Mike Slemp**
 Time Test Ended: **04:16:54** Unit No: **28**
 Interval: **2590.00 ft (KB) To 2638.00 ft (KB) (TVD)** Reference Elevations: **1596.00 ft (KB)**
 Total Depth: **2638.00 ft (KB) (TVD)** **1587.00 ft (CF)**
 Hole Diameter: **7.78 inches** Hole Condition: **Fair** KB to GR/CF: **9.00 ft**

Serial #: 6752 **Inside**
 Press@RunDepth: psig @ **2592.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2008.10.30** End Date: **2008.10.31** Last Calib.: **2008.10.31**
 Start Time: **22:32:25** End Time: **04:16:54** Time On Btm:
 Time Off Btm:

TEST COMMENT: Msrn- Dropped Tool and 1 stand of collars. Went down to bottom and retrieved Tool.



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 30806

DST#: 1

ATTN: Kent Roberts

Test Start: 2008.10.30 @ 22:32:24

Tool Information

Drill Pipe:	Length: 2510.00 ft	Diameter:	inches	Volume: 2438270 bbl	Tool Weight:	lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter:	inches	Volume: 0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 62.00 ft	Diameter:	inches	Volume: 6022820 bbl	Weight to Pull Loose:	lb
				<u>Total Volume: 2498499 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	9.00 ft				String Weight: Initial	lb
Depth to Top Packer:	2590.00 ft				Final	lb
Depth to Bottom Packer:	ft					
Interval between Packers:	48.00 ft					
Tool Length:	75.00 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			2564.00	
Shut In Tool	5.00			2569.00	
Hydraulic tool	5.00			2574.00	
Jars	5.00			2579.00	
Safety Joint	2.00			2581.00	
Packer	5.00			2586.00	27.00 Bottom Of Top Packer
Packer	4.00			2590.00	
Stubb	1.00			2591.00	
Perforations	1.00			2592.00	
Recorder	0.00	8321	Inside	2592.00	
Recorder	0.00	6752	Inside	2592.00	
Perforations	10.00			2602.00	
Change Over Sub	1.00			2603.00	
Drill Pipe	31.00			2634.00	
Change Over Sub	1.00			2635.00	
Bullnose	3.00			2638.00	48.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 30806

DST#: 1

ATTN: Kent Roberts

Test Start: 2008.10.30 @ 22:32:24

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: 28.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 88000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

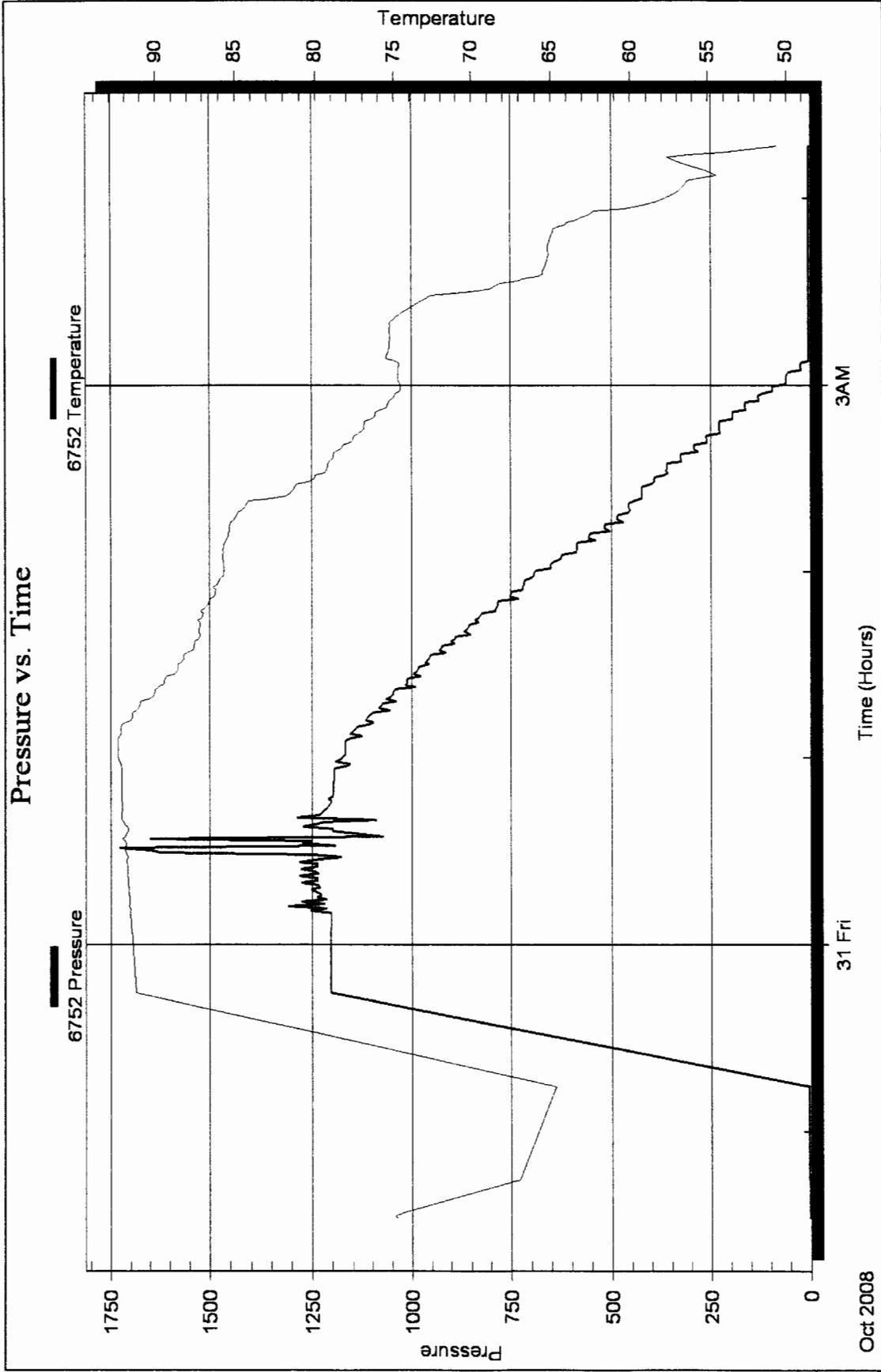
Serial #:

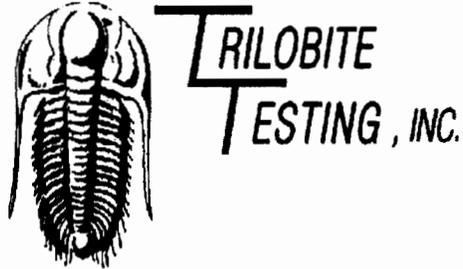
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.10.31 @ 10:15:17

End Date: 2008.10.31 @ 18:23:17

Job Ticket #: 30807 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

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

ATTN: Kent Roberts

Job Ticket: 30807

DST#: 2

Test Start: 2008.10.31 @ 10:15:17

GENERAL INFORMATION:

Formation: **Indian Cave**

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

Time Tool Opened: 12:26:02

Time Test Ended: 18:23:17

Test Type: **Conventional Bottom Hole**

Tester: **Mike Slemp**

Unit No: **28**

Interval: **2590.00 ft (KB) To 2638.00 ft (KB) (TVD)**

Reference Elevations: **1596.00 ft (KB)**

Total Depth: **2638.00 ft (KB) (TVD)**

1587.00 ft (CF)

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

KB to GR/CF: **9.00 ft**

Serial #: 6752 **Inside**

Press@RunDepth: **275.51 psig @ 2592.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2008.10.31**

End Date: **2008.10.31**

Last Calib.: **2008.10.31**

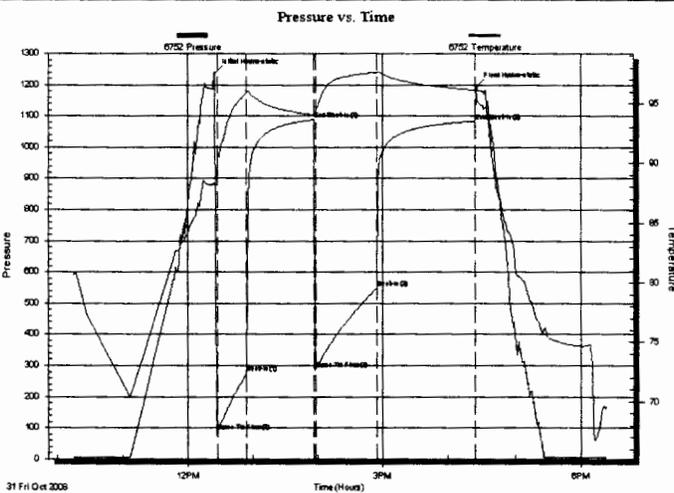
Start Time: **10:15:18**

End Time: **18:23:17**

Time On Btm: **2008.10.31 @ 12:25:32**

Time Off Btm: **2008.10.31 @ 16:26:02**

TEST COMMENT: If- Strong blow, BOB in 3 min
IS- No blow back
FF- Strong blow, BOB in 5 min
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1237.86	88.18	Initial Hydro-static
2	88.82	90.55	Open To Flow (1)
29	275.51	95.87	Shut-In(1)
91	1088.32	94.06	End Shut-In(1)
93	289.30	94.55	Open To Flow (2)
149	548.28	97.60	Shut-In(2)
239	1084.22	96.14	End Shut-In(2)
241	1196.10	95.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	WCM 60%w ater 40% mud	3.24
372.00	WCM 90%w ater 10% mud	5.22
248.00	WCM 95%w ater 5% mud	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 30807

DST#: 2

ATTN: Kent Roberts

Test Start: 2008.10.31 @ 10:15:17

Tool Information

Drill Pipe:	Length: 2455.00 ft	Diameter: 3.80 inches	Volume: 34.44 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: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 35.04 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	2590.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 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			2564.00	
Shut In Tool	5.00			2569.00	
Hydraulic tool	5.00			2574.00	
Jars	5.00			2579.00	
Safety Joint	2.00			2581.00	
Packer	5.00		Fluid	2586.00	27.00 Bottom Of Top Packer
Packer	4.00			2590.00	
Stubb	1.00			2591.00	
Perforations	1.00			2592.00	
Recorder	0.00	6752	Inside	2592.00	
Recorder	0.00	8321	Inside	2592.00	
Perforations	10.00			2602.00	
Change Over Sub	1.00			2603.00	
Drill Pipe	31.00			2634.00	
Change Over Sub	1.00			2635.00	
Bullnose	3.00			2638.00	48.00 Bottom Packers & Anchor
Total Tool Length:		75.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 30807

DST#: 2

ATTN: Kent Roberts

Test Start: 2008.10.31 @ 10:15:17

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.35 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	WCM60%water40%mud	3.237
372.00	WCM90%water10%mud	5.218
248.00	WCM95%water5%mud	3.479

Total Length: 930.00 ft

Total Volume: 11.934 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

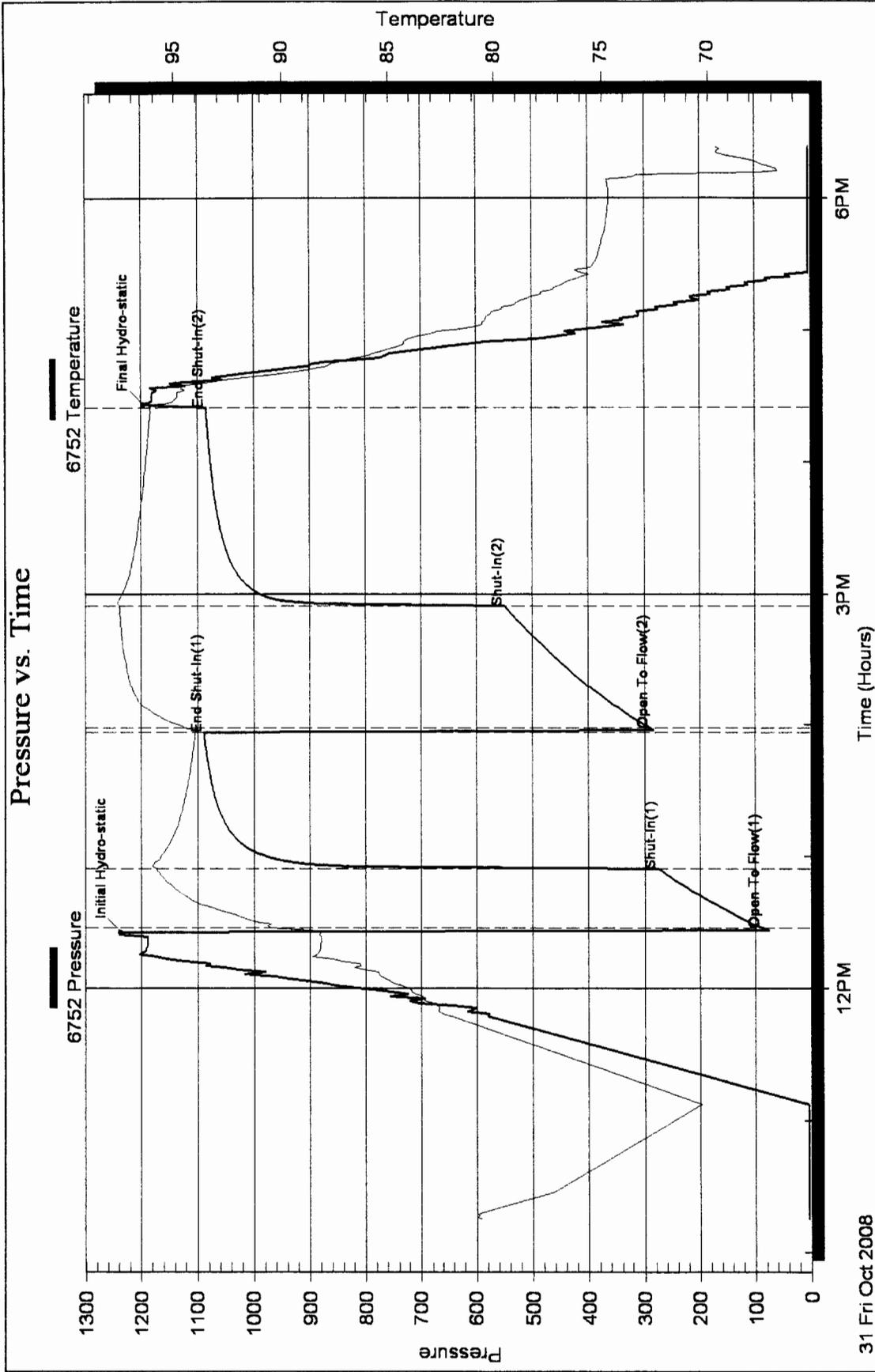
Serial #:

Laboratory Name:

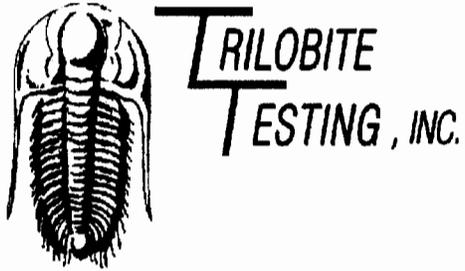
Laboratory Location:

Recovery Comments:

Pressure vs. Time



31 Fri Oct 2008



DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.11.03 @ 05:01:02

End Date: 2008.11.03 @ 12:13:32

Job Ticket #: 32973 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Roberts Resources Inc.

Catlin 2-35

35 31 13 Barber KS

DST # 3

Toronto

2008.11.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Roberts Resources Inc.

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

Catlin 2-35

35 31 13 Barber KS

Job Ticket: 32973

DST#: 3

Test Start: 2008.11.03 @ 05:01:02

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:35:47

Time Test Ended: 12:13:32

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3552.00 ft (KB) To 3562.00 ft (KB) (TVD)**

Total Depth: 3562.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Poor

Reference Elevations: 1596.00 ft (KB)

1587.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press@RunDepth: 65.33 psig @ 3553.00 ft (KB)

Start Date: 2008.11.03

End Date: 2008.11.03

Start Time: 05:01:07

End Time: 12:13:31

Capacity: 7000.00 psig

Last Calib.: 2008.11.03

Time On Btm: 2008.11.03 @ 06:34:17

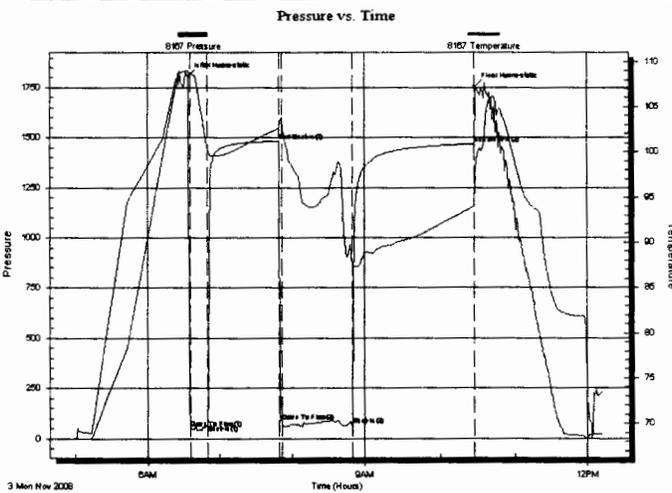
Time Off Btm: 2008.11.03 @ 10:28:16

TEST COMMENT: IF: Strong blow BOB immediately. GTS in 6 mins. (see gas flow rpt)

IS: No blow

FF: Strong blow (see gas flow rpt)

FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.33	109.02	Initial Hydro-static
2	49.27	108.79	Open To Flow (1)
16	68.12	100.17	Shut-In(1)
76	1482.14	102.59	End Shut-In(1)
78	83.96	103.80	Open To Flow (2)
136	65.33	87.21	Shut-In(2)
233	1468.12	94.03	End Shut-In(2)
234	1756.33	98.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GCM 6%g 94% m	0.36

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	30.00	162.65
Last Gas Rate	0.50	38.00	353.47
Max. Gas Rate	0.38	40.00	199.28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32973

DST#: 3

ATTN: Kent Roberts

Test Start: 2008.11.03 @ 05:01:02

Tool Information

Drill Pipe:	Length: 3504.00 ft	Diameter: 3.80 inches	Volume: 49.15 bbl	Tool Weight: 2400.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 51000.00 lb
		<u>Total Volume:</u>	<u>49.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3552.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			3525.00	
Shut In Tool	5.00			3530.00	
Hydraulic tool	5.00			3535.00	
Jars	5.00			3540.00	
Safety Joint	3.00			3543.00	
Packer	4.00			3547.00	28.00 Bottom Of Top Packer
Packer	5.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.00	8167	inside	3553.00	
Recorder	0.00	8357	inside	3553.00	
Perforations	4.00			3557.00	
Jars	5.00			3562.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32973

DST#: 3

ATTN: Kent Roberts

Test Start: 2008.11.03 @ 05:01:02

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:

8000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	GCM 6%g 94%m	0.358

Total Length: 45.00 ft

Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32973

DST#: 3

ATTN: Kent Roberts

Test Start: 2008.11.03 @ 05:01:02

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.38	30.00	162.65
1	10	0.38	30.00	162.65
1	15	0.38	40.00	199.28
2	10	0.50	34.00	326.49
2	20	0.50	37.00	346.73
2	30	0.50	37.00	346.73
2	40	0.50	37.00	346.73
2	50	0.50	38.00	353.47

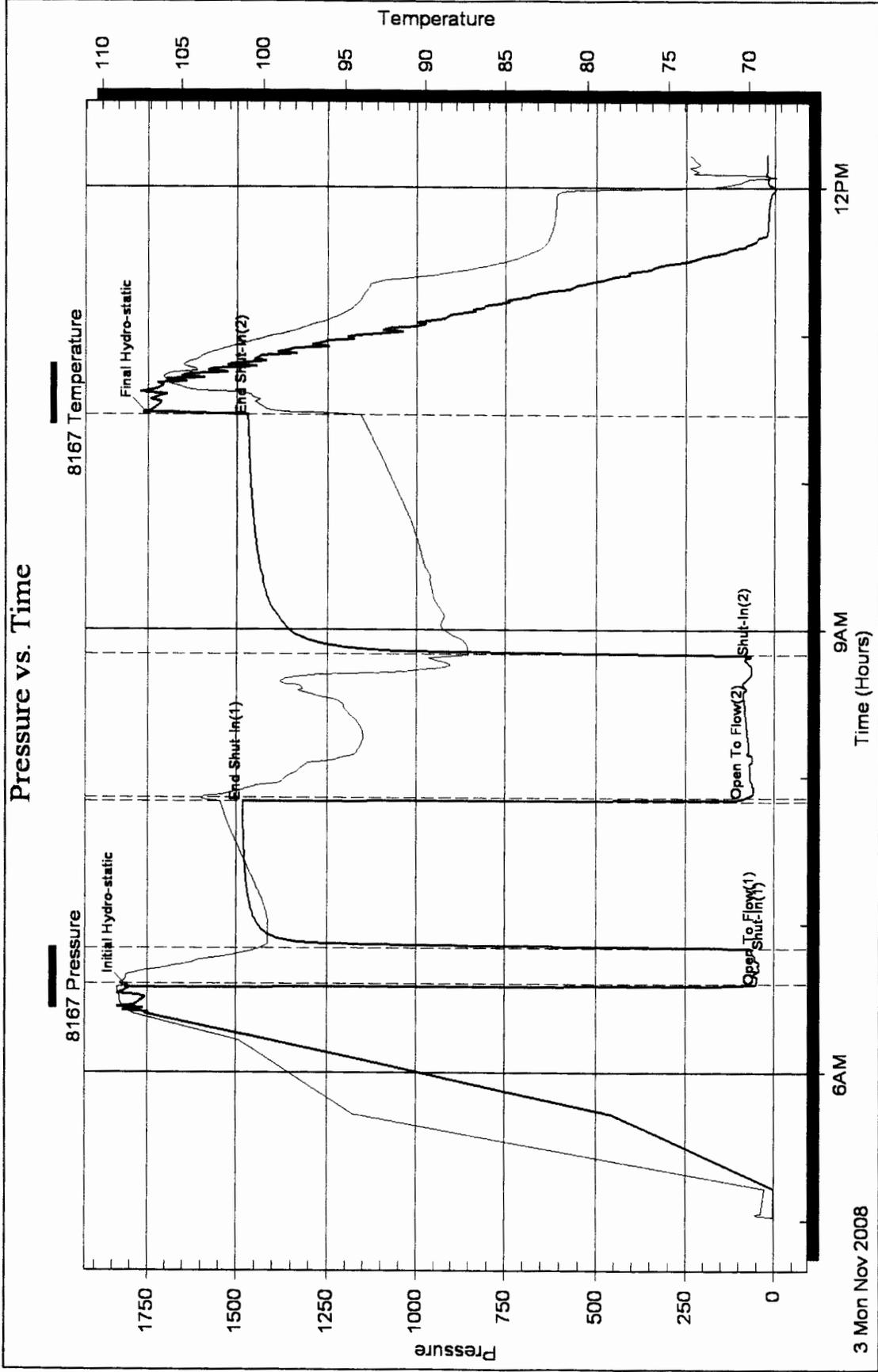
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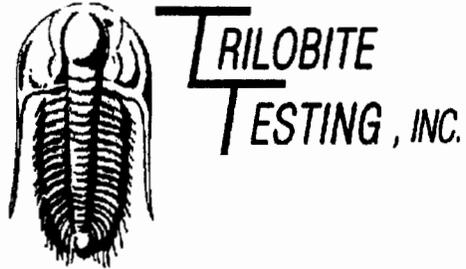
Inside

Roberts Resources Inc.

35 31 13 Barber KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.11.03 @ 20:54:31

End Date: 2008.11.04 @ 01:59:01

Job Ticket #: 32974 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Roberts Resources Inc.

Catlin 2-35

35 31 13 Barber KS

DST # 4

Upper Douglas

2008.11.03



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Roberts Resources Inc.
 520 S. Holland STE 207
 Wichita Ks, 67209
 ATTN: Kent Roberts

Catlin 2-35
35 31 13 Barber KS
 Job Ticket: 32974 **DST#: 4**
 Test Start: 2008.11.03 @ 20:54:31

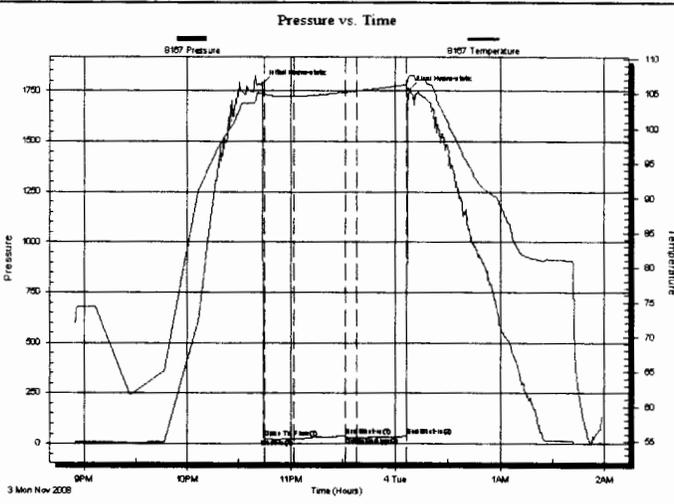
GENERAL INFORMATION:

Formation: **Upper Douglas**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 22:45:01
 Time Test Ended: 01:59:01
 Interval: **3576.00 ft (KB) To 3600.00 ft (KB) (TVD)**
 Total Depth: **3600.00 ft (KB) (TVD)**
 Hole Diameter: **7.78 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole**
 Tester: **Gary Pevoteaux**
 Unit No: **39**
 Reference Elevations: **1596.00 ft (KB)**
 1587.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 8167 Inside

Press@RunDepth: **28.90 psig @ 3577.00 ft (KB)**
 Start Date: **2008.11.03** End Date: **2008.11.04**
 Start Time: **20:54:36** End Time: **01:59:00**
 Capacity: **7000.00 psig**
 Last Calib.: **2008.11.04**
 Time On Btm: **2008.11.03 @ 22:44:16**
 Time Off Btm: **2008.11.04 @ 00:07:46**

TEST COMMENT: IF:Weak blow . 1/4". Dead in 15 mins.
 IS:No blow .
 FF:No blow .
 FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1787.09	104.98	Initial Hydro-static
1	27.12	104.83	Open To Flow (1)
18	21.51	104.61	Shut-In(1)
47	37.55	105.26	End Shut-In(1)
48	31.80	105.27	Open To Flow (2)
54	28.90	105.43	Shut-In(2)
82	36.20	106.32	End Shut-In(2)
84	1757.31	107.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig.mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32974

DST#: 4

ATTN: Kent Roberts

Test Start: 2008.11.03 @ 20:54:31

Tool Information

Drill Pipe:	Length: 3540.00 ft	Diameter: 3.80 inches	Volume: 49.66 bbl	Tool Weight: 2400.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 62000.00 lb
		Total Volume:	49.81 bbl	Tool Chased 4.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3576.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			3549.00	
Shut In Tool	5.00			3554.00	
Hydraulic tool	5.00			3559.00	
Jars	5.00			3564.00	
Safety Joint	3.00			3567.00	
Packer	4.00			3571.00	28.00 Bottom Of Top Packer
Packer	5.00			3576.00	
Stubb	1.00			3577.00	
Recorder	0.00	8167	Inside	3577.00	
Recorder	0.00	8357	Inside	3577.00	
Perforations	18.00			3595.00	
Jars	5.00			3600.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32974

DST#: 4

ATTN: Kent Roberts

Test Start: 2008.11.03 @ 20:54:31

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:

8000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig.mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

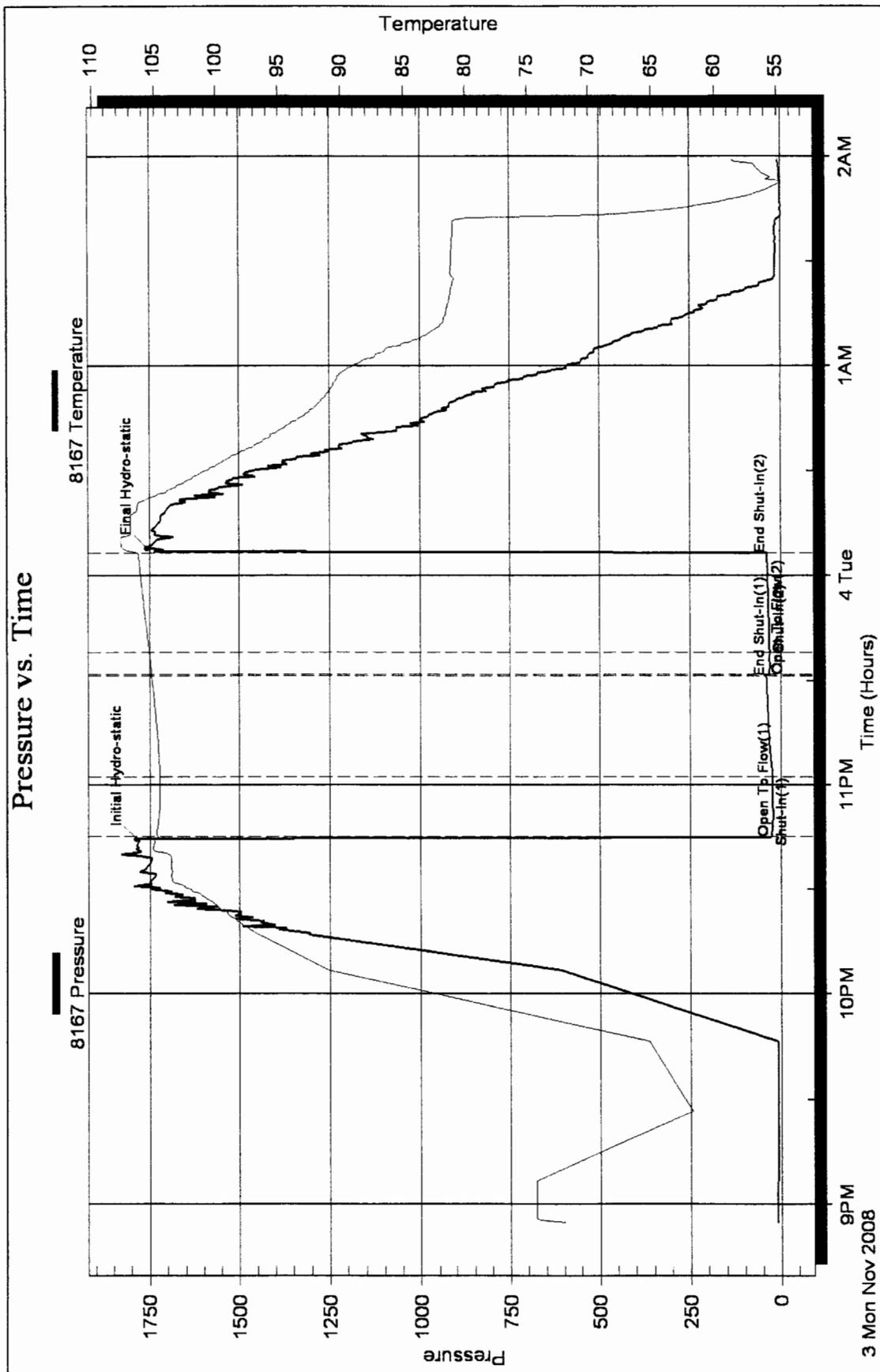
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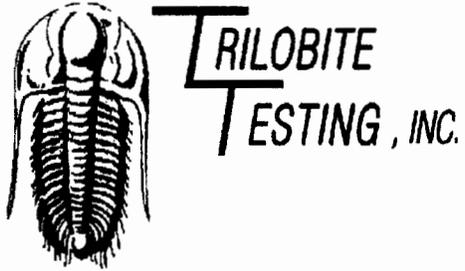
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.11.04 @ 12:44:11

End Date: 2008.11.04 @ 20:22:26

Job Ticket #: 32975 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Roberts Resources Inc.

Catlin 2-35

35 31 13 Barber KS

DST # 5

Lwr. Douglas

2008.11.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

ATTN: Kent Roberts

Job Ticket: 32975

DST#: 5

Test Start: 2008.11.04 @ 12:44:11

GENERAL INFORMATION:

Formation: **Lwr. Douglas**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:32:26

Time Test Ended: 20:22:26

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3656.00 ft (KB) To 3672.00 ft (KB) (TVD)**

Reference Elevations: 1596.00 ft (KB)

Total Depth: 3672.00 ft (KB) (TVD)

1587.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press@RunDepth: 170.07 psig @ 3657.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.11.04

End Date: 2008.11.04

Last Calib.: 2008.11.04

Start Time: 12:44:16

End Time: 20:22:25

Time On Btm: 2008.11.04 @ 14:31:11

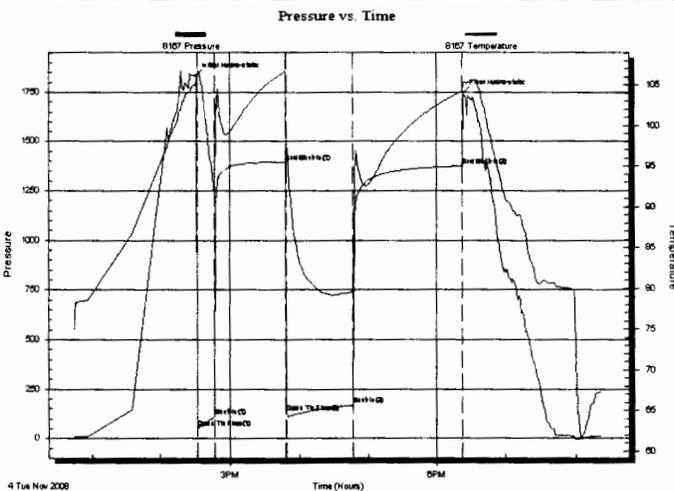
Time Off Btm: 2008.11.04 @ 18:23:26

TEST COMMENT: IF: Strong blow. GTS in 5.5 mins. (see gas flow rpt)

IS: No blow.

FF: Strong blow. (see gas flow rpt)

FS: No blow.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.30	105.00	Initial Hydro-static
2	55.20	106.28	Open To Flow (1)
17	112.87	91.45	Shut-In(1)
77	1396.71	106.69	End Shut-In(1)
78	131.54	93.91	Open To Flow (2)
136	170.07	79.66	Shut-In(2)
232	1376.13	104.26	End Shut-In(2)
233	1745.73	105.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 30% m 70% w /Rw .09 ohms @66 deg	0.57
20.00	GCM 6% g 94% m	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	37.00	346.73
Last Gas Rate	0.75	33.00	740.38
Max. Gas Rate	0.50	46.00	407.44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32975

DST#: 5

ATTN: Kent Roberts

Test Start: 2008.11.04 @ 12:44:11

Tool Information

Drill Pipe:	Length: 3602.00 ft	Diameter: 3.80 inches	Volume: 50.53 bbl	Tool Weight: 2400.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 59000.00 lb
		Total Volume:	50.68 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3656.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 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			3629.00	
Shut In Tool	5.00			3634.00	
Hydraulic tool	5.00			3639.00	
Jars	5.00			3644.00	
Safety Joint	3.00			3647.00	
Packer	4.00			3651.00	28.00 Bottom Of Top Packer
Packer	5.00			3656.00	
Stubb	1.00			3657.00	
Recorder	0.00	8167	Inside	3657.00	
Recorder	0.00	8357	Inside	3657.00	
Perforations	10.00			3667.00	
Jars	5.00			3672.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32975

DST#: 5

ATTN: Kent Roberts

Test Start: 2008.11.04 @ 12:44:11

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:

90000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 30% <i>m</i> 70% <i>w</i> /Rw .09 ohms@66 deg.	0.568
20.00	GCM 6% <i>g</i> 94% <i>m</i>	0.281

Total Length: 80.00 ft

Total Volume: 0.849 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-5

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW .09 @ 66F = 90,000 ppm



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 32975

DST#: 5

ATTN: Kent Roberts

Test Start: 2008.11.04 @ 12:44:11

Gas Rates Information

Temperature: 59 deg C

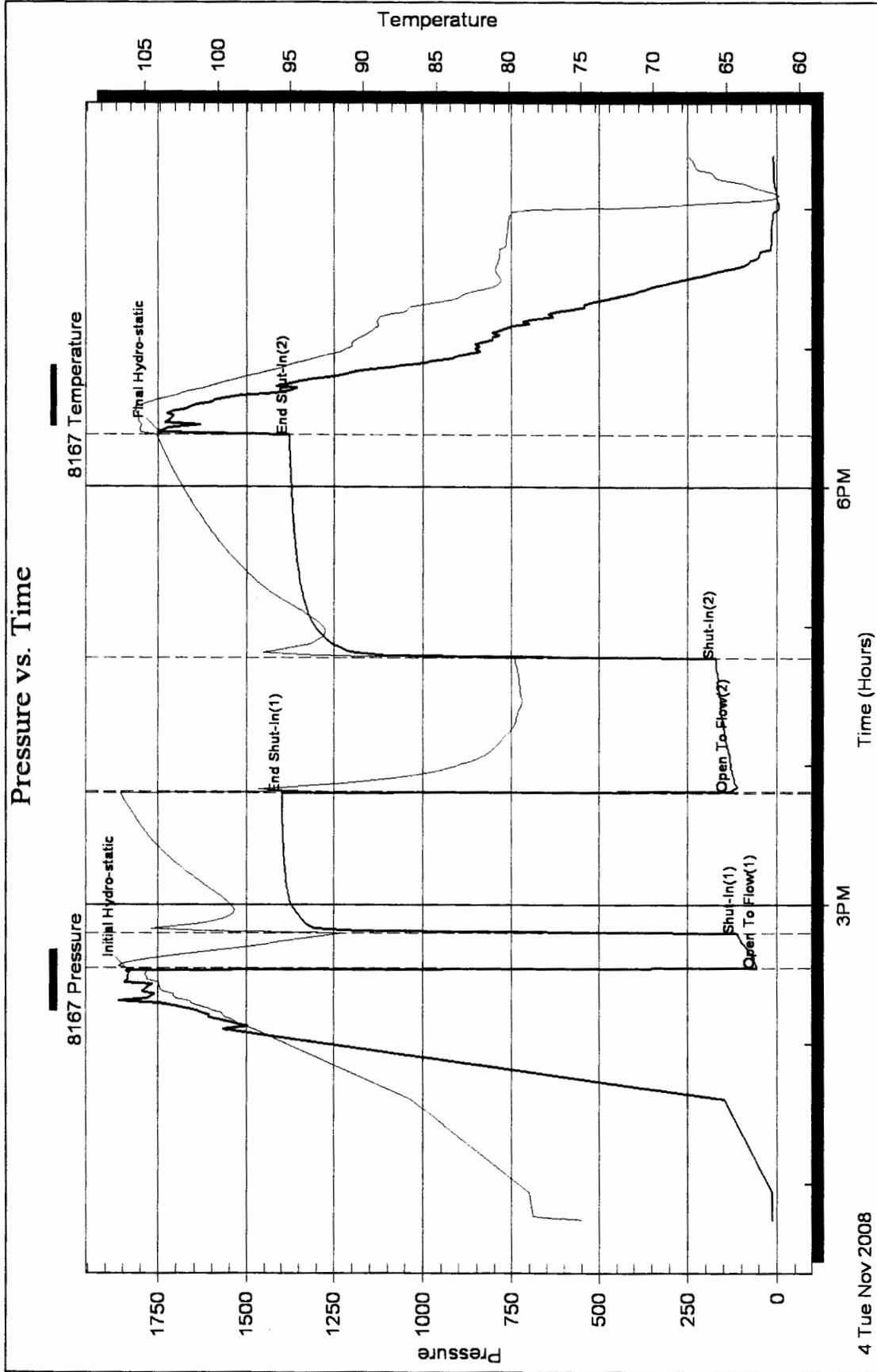
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.50	37.00	346.73
1	10	0.50	37.00	346.73
1	15	0.50	46.00	407.44
2	10	0.75	26.00	631.04
2	20	0.75	29.00	677.90
2	30	0.75	31.00	709.14
2	40	0.75	32.00	724.76
2	50	0.75	33.00	740.38

Pressure vs. Time

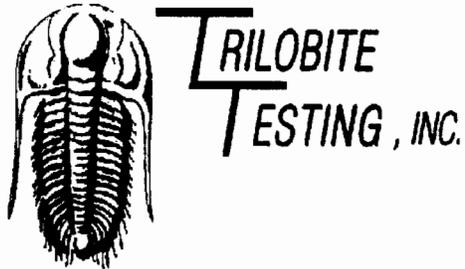


4 Tue Nov 2008

3PM

6PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.11.05 @ 14:01:44

End Date: 2008.11.05 @ 21:58:14

Job Ticket #: 33976 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Roberts Resources Inc.

Catlin 2-35

35 31 13 Barber KS

DST # 6

Drum

2008.11.05



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

ATTN: Kent Roberts

Job Ticket: 33976

DST#: 6

Test Start: 2008.11.05 @ 14:01:44

GENERAL INFORMATION:

Formation: **Drum**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:12:59

Time Test Ended: 21:58:14

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3934.00 ft (KB) To 3944.00 ft (KB) (TVD)**

Reference Elevations: 1596.00 ft (KB)

Total Depth: 3944.00 ft (KB) (TVD)

1587.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press@RunDepth: 33.94 psig @ 3935.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.11.05

End Date:

2008.11.05

Last Calib.: 2008.11.05

Start Time: 14:01:49

End Time:

21:58:13

Time On Btm: 2008.11.05 @ 16:11:14

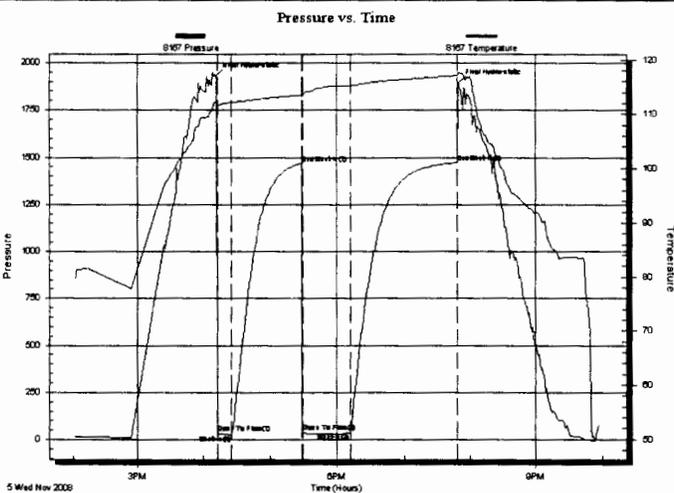
Time Off Btm: 2008.11.05 @ 19:49:28

TEST COMMENT: IF:Strong blow . BOB in 5 secs.

IS:No blow .

FF:Strong blow . BOB immediately.

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.67	112.32	Initial Hydro-static
2	35.37	111.83	Open To Flow (1)
15	27.53	112.17	Shut-In(1)
78	1469.10	113.55	End Shut-In(1)
78	40.95	113.49	Open To Flow (2)
121	33.94	115.24	Shut-In(2)
218	1471.66	117.11	End Shut-In(2)
219	1891.63	117.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GCM 10%g 90%m	0.36
0.00	1805 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 33976

DST#: 6

ATTN: Kent Roberts

Test Start: 2008.11.05 @ 14:01:44

Tool Information

Drill Pipe:	Length: 3890.00 ft	Diameter: 3.80 inches	Volume: 54.57 bbl	Tool Weight: 2400.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 52000.00 lb
		Total Volume: 54.72 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3934.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			3907.00	
Shut In Tool	5.00			3912.00	
Hydraulic tool	5.00			3917.00	
Jars	5.00			3922.00	
Safety Joint	3.00			3925.00	
Packer	4.00			3929.00	28.00 Bottom Of Top Packer
Packer	5.00			3934.00	
Stubb	1.00			3935.00	
Recorder	0.00	8167	Inside	3935.00	
Recorder	0.00	8370	Inside	3935.00	
Perforations	4.00			3939.00	
Bullnose	5.00			3944.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 33976

DST#: 6

ATTN: Kent Roberts

Test Start: 2008.11.05 @ 14:01:44

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:

8000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	GCM 10%g 90%m	0.358
0.00	1805 ft.of GIP	0.000

Total Length: 45.00 ft

Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

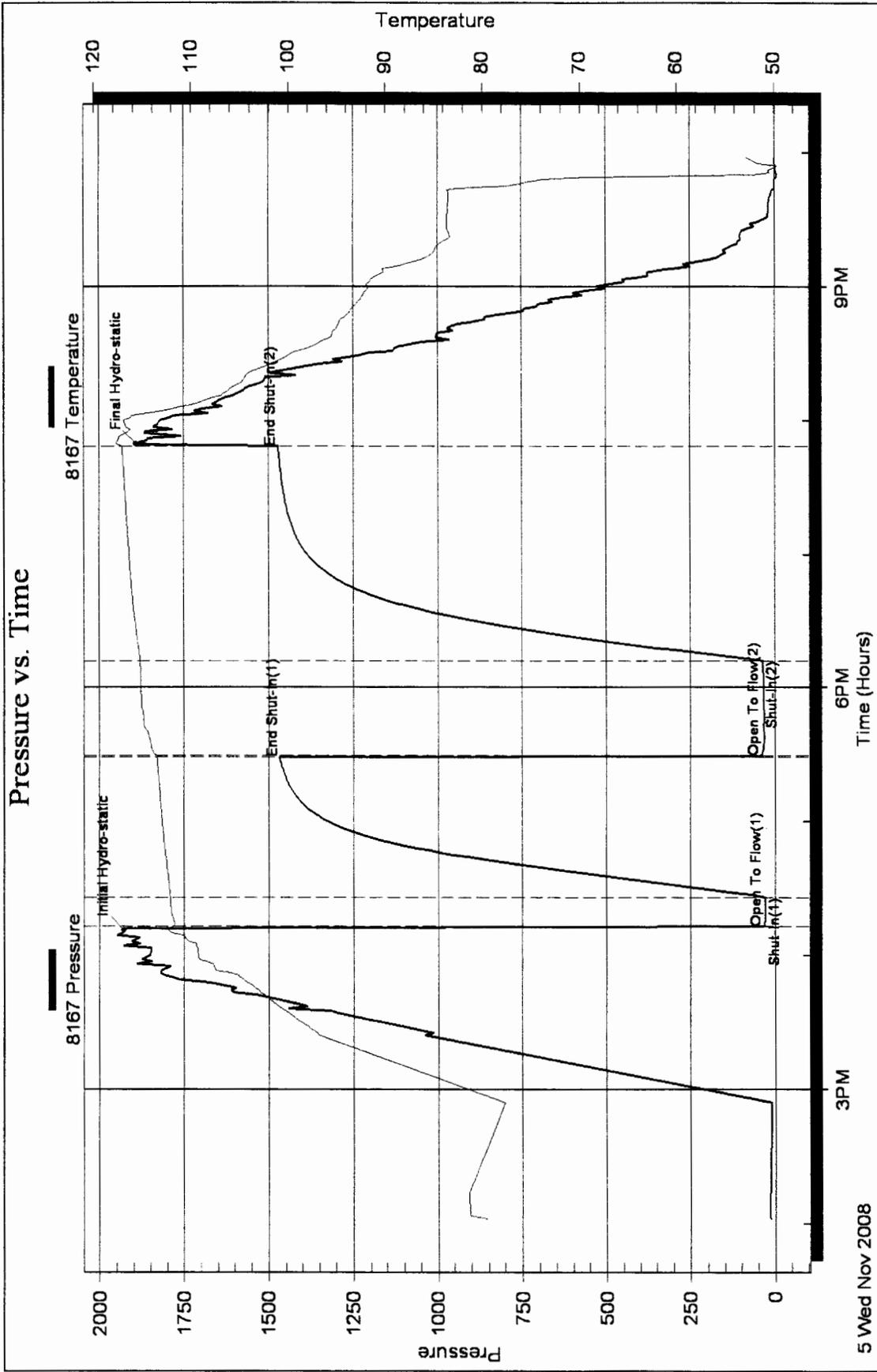
Serial #: none

Laboratory Name:

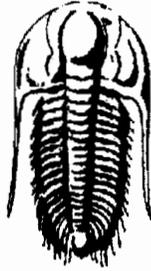
Laboratory Location:

Recovery Comments:

Pressure vs. Time



5 Wed Nov 2008



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc.**

520 S. Holland STE 207
Wichita Ks, 67209

ATTN: Kent Roberts

35 31 13 Barber KS

Catlin 2-35

Start Date: 2008.11.08 @ 04:54:26

End Date: 2008.11.08 @ 12:33:26

Job Ticket #: 33977 DST #: 7

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Roberts Resources Inc.
 520 S. Holland STE 207
 Wichita Ks, 67209
 ATTN: Kent Roberts

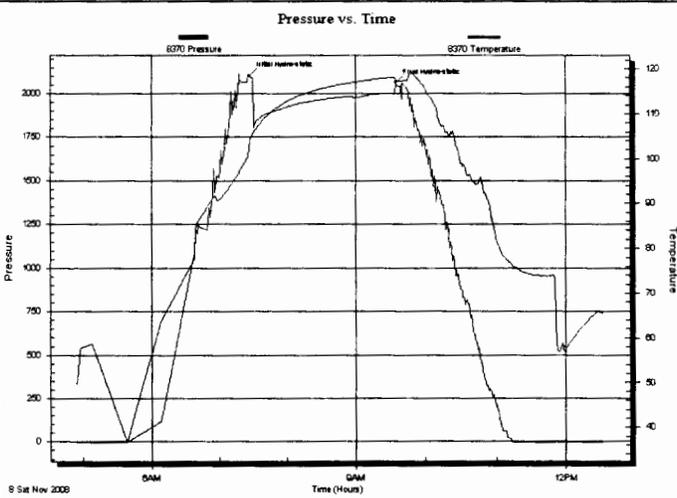
Catlin 2-35
35 31 13 Barber KS
 Job Ticket: 33977 **DST#: 7**
 Test Start: 2008.11.08 @ 04:54:26

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 12:33:26
 Interval: **4220.00 ft (KB) To 4258.00 ft (KB) (TVD)**
 Total Depth: 4553.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Poor
 Test Type: Conventional Straddle
 Tester: Gary Pevoteaux
 Unit No: 39
 Reference Elevations: 1596.00 ft (KB)
 1587.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8370 Below (Straddle)
 Press@RunDepth: psig @ 4259.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.11.08 End Date: 2008.11.08 Last Calib.: 2008.11.08
 Start Time: 04:54:31 End Time: 12:33:25 Time On Btm: 2008.11.08 @ 07:27:26
 Time Off Btm: 2008.11.08 @ 09:34:41

TEST COMMENT: IF:Weak blow . 1/2 - 7".
 IS:No blow.
 FF:Weak blow . 1/4".
 FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.06	103.85	Initial Hydro-static
128	2062.44	117.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MW .36% _m 64% _w / Rw .076 ohms@70 d1.47	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 33977

DST#: 7

ATTN: Kent Roberts

Test Start: 2008.11.08 @ 04:54:26

Tool Information

Drill Pipe: .	Length: 4175.00 ft	Diameter: 3.80 inches	Volume: 58.56 bbl	Tool Weight: 2400.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 58.71 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4220.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	4258.00 ft			
Interval between Packers:	38.00 ft			
Tool Length:	361.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4193.00	
Shut In Tool	5.00			4198.00	
Hydraulic tool	5.00			4203.00	
Jars	5.00			4208.00	
Safety Joint	3.00			4211.00	
Packer	4.00			4215.00	28.00 Bottom Of Top Packer
Packer	5.00			4220.00	
Stubb	1.00			4221.00	
Recorder	0.00	8167	Inside	4221.00	
Perforations	36.00			4257.00	
Recorder	0.00	11019	Outside	4257.00	
Blank Off Sub	1.00			4258.00	38.00 Tool Interval
Packer	0.00			4258.00	
Stubb	1.00			4259.00	
Recorder	0.00	8370	Below	4259.00	
Change Over Sub	1.00			4260.00	
Blank Spacing	287.00			4547.00	
Change Over Sub	1.00			4548.00	
Bullnose	5.00			4553.00	295.00 Bottom Packers & Anchor
Total Tool Length:		361.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Inc.

Catlin 2-35

520 S. Holland STE 207
Wichita Ks, 67209

35 31 13 Barber KS

Job Ticket: 33977

DST#: 7

ATTN: Kent Roberts

Test Start: 2008.11.08 @ 04:54:26

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: 112000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MW 36% _m 64% _w / Rw .076 ohms@70 deg.	1.466

Total Length: 124.00 ft

Total Volume: 1.466 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

