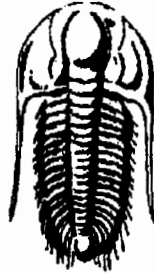


15-137-20461

4-5s-24w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RL Investment LLC**

217 Saint Peter Street
Morland KS 67650

ATTN: Pat Deenihan

4 5S 24W Norton KS

Berry #1

Start Date: 2006.11.27 @ 08:02:58

End Date: 2006.11.27 @ 14:20:18

Job Ticket #: 26058 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

RL Investment LLC
 217 Saint Peter Street
 Moriand KS 67650
 ATTN: Pat Deenihan

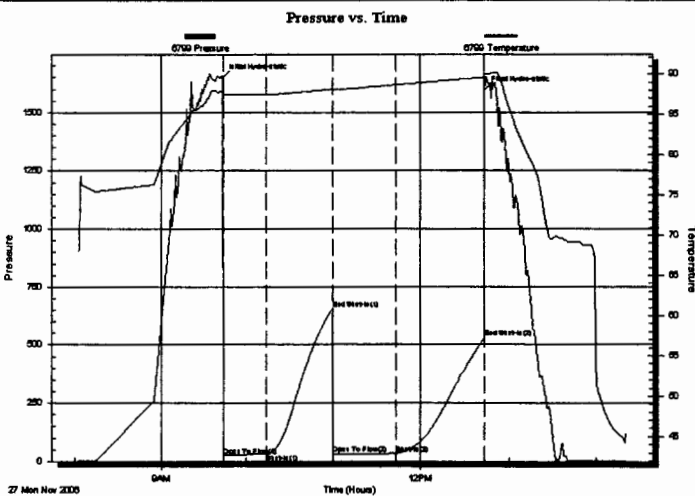
Berry #1
4 5S 24W Norton KS
 Job Ticket: 26058 DST#: 1
 Test Start: 2006.11.27 @ 08:02:58

GENERAL INFORMATION:

Formation: **Toronto-Lansing "A"**
 Deviated: No Whipstock ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 09:43:48 Tester: Jake Fahrenbruch
 Time Test Ended: 14:20:18 Unit No: 22
 Interval: **3394.00 ft (KB) To 3450.00 ft (KB) (TVD)** Reference Elevations: 2333.00 ft (KB)
 Total Depth: 3450.00 ft (KB) (TVD) 2328.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6799 Inside
 Press@RunDepth: 34.12 psig @ 3395.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.11.27 End Date: 2006.11.27 Last Calib.: 2006.11.27
 Start Time: 08:03:00 End Time: 14:20:17 Time On Btrr: 2006.11.27 @ 09:43:28
 Time Off Btrr: 2006.11.27 @ 12:43:58

TEST COMMENT: IF Weak blow built to .5 " in bucket
 ISI Bled off no blow back
 FF No blow
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1647.80	87.88	Initial Hydro-static
1	25.98	87.03	Open To Flow (1)
31	30.97	87.50	Shut-In(1)
77	655.74	88.18	End Shut-In(1)
77	30.83	87.90	Open To Flow (2)
121	34.12	88.69	Shut-In(2)
181	532.66	89.62	End Shut-In(2)
181	1595.88	90.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig Mud w/few Oil specs +99%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26058 **DST#: 1**
Test Start: 2006.11.27 @ 08:02:58

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.71 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3394.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3379.00	
Hydraulic tool	5.00			3384.00	
Packer	5.00			3389.00	20.00 Bottom Of Top Packer
Packer	5.00			3394.00	
Stubb	1.00			3395.00	
Recorder	0.00	6799	Inside	3395.00	
Perforations	20.00			3415.00	
Blank Spacing	32.00			3447.00	
Recorder	0.00	3354	Outside	3447.00	
Bullnose	3.00			3450.00	56.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26058 **DST#: 1**
Test Start: 2006.11.27 @ 08:02:58

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: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 0.07 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drig Mud w/few Oil specs +99%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6799

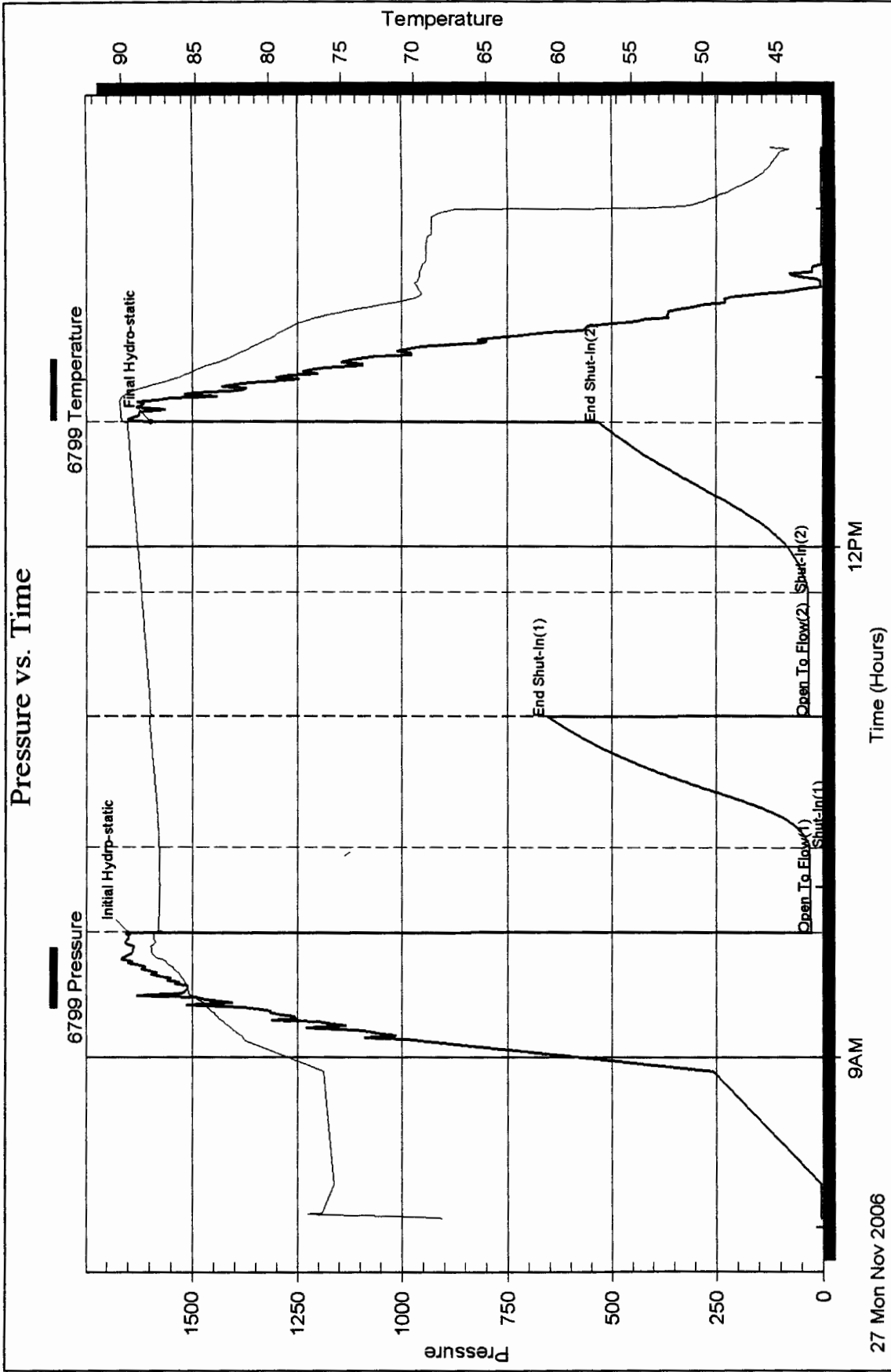
Inside

RL Investment LLC

4 5S 24W Norton KS

DST Test Number: 1

Pressure vs. Time

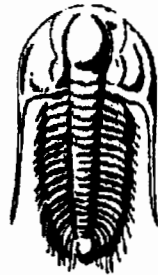


27 Mon Nov 2006

9AM

12PM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RL Investment LLC**

217 Saint Peter Street
Morland KS 67650

ATTN: Pat Deenihan

4 5S 24W Norton KS

Berry #1

Start Date: 2006.11.27 @ 23:28:22

End Date: 2006.11.28 @ 07:27:52

Job Ticket #: 26059 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26059 **DST#: 2**
Test Start: 2006.11.27 @ 23:28:22

Tool Information

Drill Pipe:	Length: 3317.00 ft	Diameter: 3.80 inches	Volume: 46.53 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3448.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3433.00	
Hydraulic tool	5.00			3438.00	
Packer	5.00			3443.00	20.00 Bottom Of Top Packer
Packer	5.00			3448.00	
Stubb	1.00			3449.00	
Recorder	0.00	6799	Inside	3449.00	
Perforations	38.00			3487.00	
Recorder	0.00	3354	Outside	3487.00	
Bullnose	3.00			3490.00	42.00 Bottom Packers & Anchor
Total Tool Length:	62.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investment LLC

Berry #1

217 Saint Peter Street
Morland KS 67650

4 5S 24W Norton KS

Job Ticket: 26059

DST#: 2

ATTN: Pat Deenihan

Test Start: 2006.11.27 @ 23:28:22

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:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 0.07 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GCSWCOM 16%G 4%W 30%O 50%M	0.295
120.00	GOCM 10%G 30%O 60%M	1.128
60.00	Oil 100%O (35 corrected gravity)	0.842

Total Length: 240.00 ft

Total Volume: 2.265 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

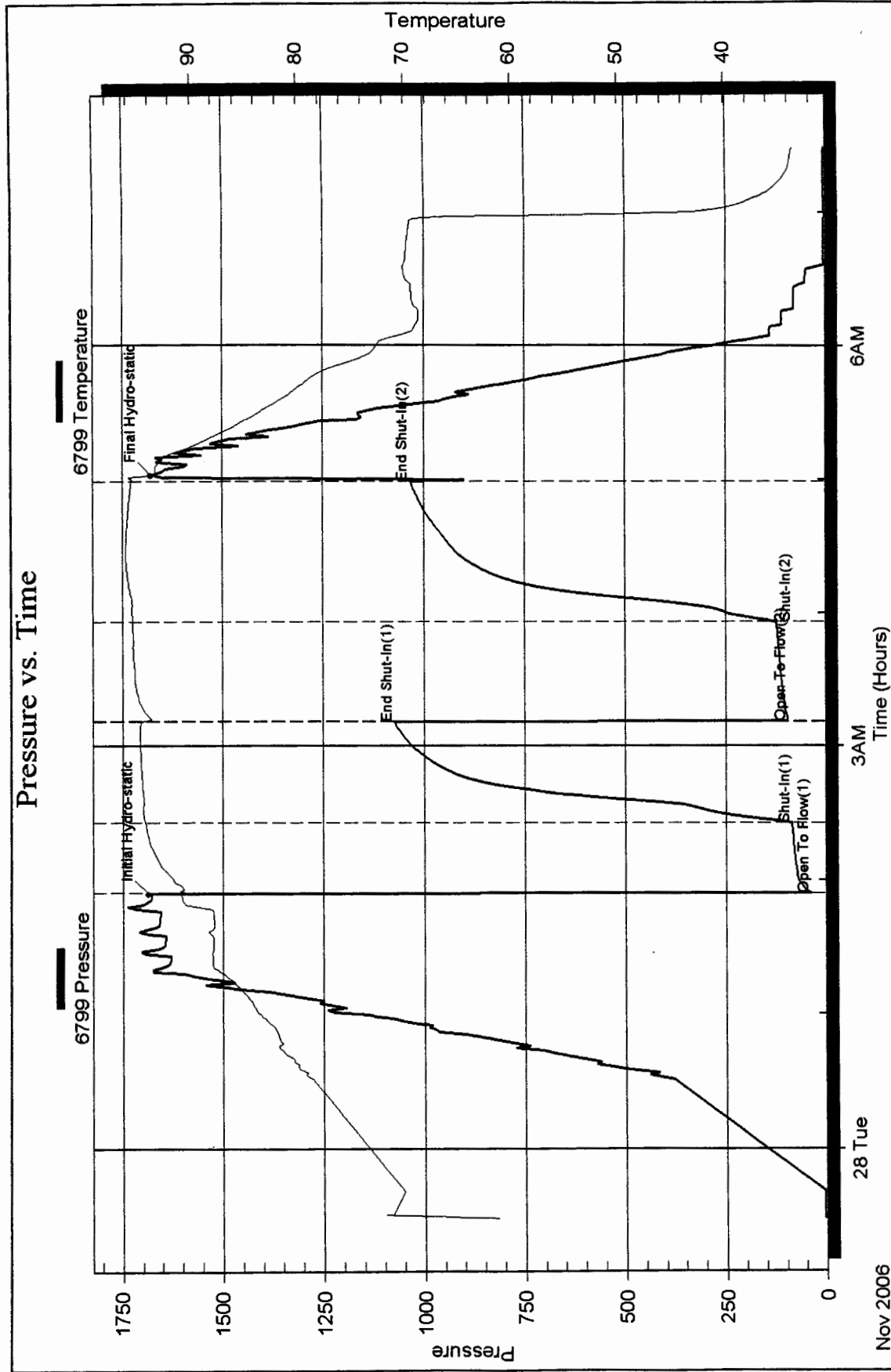
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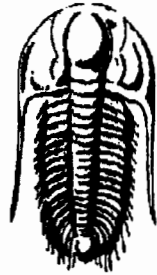
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RL Investment LLC**

217 Saint Peter Street
Morland KS 67650

ATTN: Pat Deenihan

4 5S 24W Norton KS

Berry #1

Start Date: 2006.11.28 @ 13:36:58

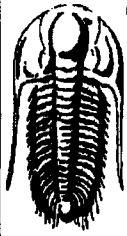
End Date: 2006.11.28 @ 18:43:58

Job Ticket #: 26060 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26060 DST#: 3
Test Start: 2006.11.28 @ 13:36:58

GENERAL INFORMATION:

Formation: **Lansing "D-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:59:38
Time Test Ended: 18:43:58

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 22

Interval: **3487.00 ft (KB) To 3508.00 ft (KB) (TVD)**
Total Depth: 3508.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2333.00 ft (KB)
2328.00 ft (CF)
KB to GR/CF: 5.00 ft

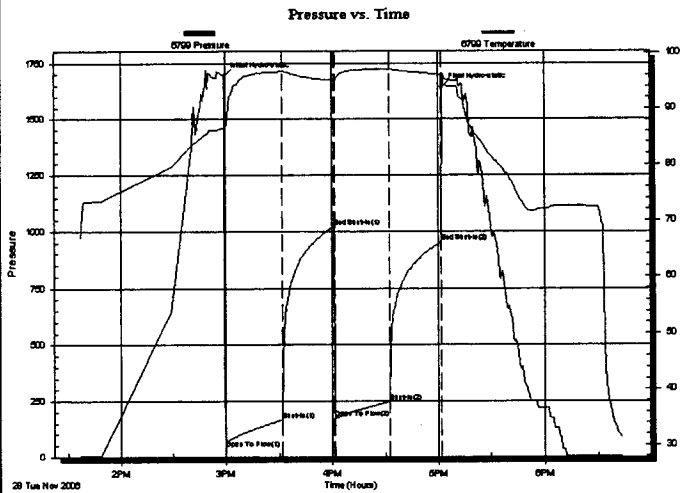
Serial #: 6799

Inside

Press@RunDepth: 247.41 psig @ 3488.00 ft (KB)
Start Date: 2006.11.28 End Date: 2006.11.28
Start Time: 13:37:00 End Time: 18:43:58

Capacity: 7000.00 psig
Last Calib.: 2006.11.28
Time On Btrm: 2006.11.28 @ 14:59:18
Time Off Btrm: 2006.11.28 @ 17:02:08

TEST COMMENT: IF Strong blow BOB 7.5 minutes
ISI Bled off no blow back.
FF Strong blow BOB 12 minutes
FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1693.95	86.41	Initial Hydro-static
1	37.84	86.11	Open To Flow (1)
33	166.39	96.64	Shut-In(1)
62	1020.75	95.06	End Shut-In(1)
62	173.11	94.84	Open To Flow (2)
93	247.41	97.01	Shut-In(2)
123	952.47	96.09	End Shut-In(2)
123	1642.00	96.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
370.00	Salt Water	4.09
120.00	SOSMCW 2%O 20%M 78%W	1.68
5.00	Oil	0.07
0.00	RW=.22ohm@38degF=65000ppmChl	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26060 **DST#: 3**
Test Start: 2006.11.28 @ 13:36:58

Tool Information

Drill Pipe:	Length: 3379.00 ft	Diameter: 3.80 inches	Volume: 47.40 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 48.00 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3487.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3472.00	
Hydraulic tool	5.00			3477.00	
Packer	5.00			3482.00	20.00 Bottom Of Top Packer
Packer	5.00			3487.00	
Stubb	1.00			3488.00	
Recorder	0.00	6799	Inside	3488.00	
Perforations	17.00			3505.00	
Recorder	0.00	3354	Outside	3505.00	
Bullnose	3.00			3508.00	21.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26060 **DST#: 3**
Test Start: 2006.11.28 @ 13:36:58

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: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 0.07 inches			

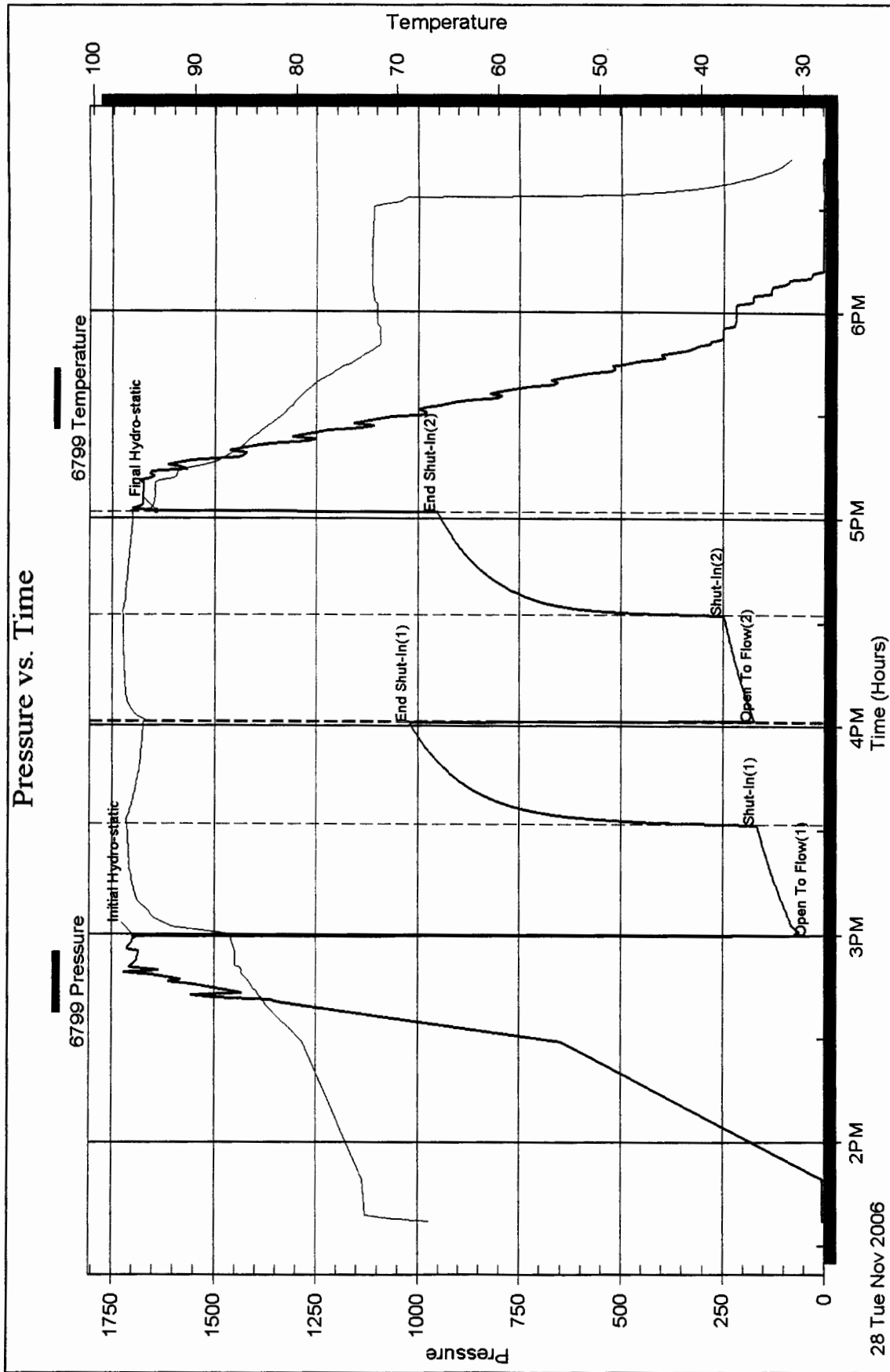
Recovery Information

Recovery Table

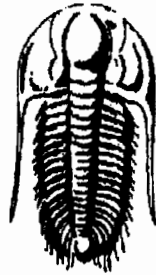
Length ft	Description	Volume bbl
370.00	Salt Water	4.088
120.00	SOSMCW 2%O 20%M 78%W	1.683
5.00	Oil	0.070
0.00	RW=.22ohm@38degF=65000ppmChl	0.000

Total Length: 495.00 ft Total Volume: 5.841 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



28 Tue Nov 2006



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RL Investment LLC**

217 Saint Peter Street
Morland KS 67650

ATTN: Pat Deenihan

4 5S 24W Norton KS

Berry #1

Start Date: 2006.11.29 @ 04:14:54

End Date: 2006.11.29 @ 10:26:33

Job Ticket #: 26061 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

RL Investment LLC

Berry #1

4 5S 24W Norton KS

DST # 4

Lansing "H-J"

2006.11.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26061 **DST#: 4**
Test Start: 2006.11.29 @ 04:14:54

Tool Information

Drill Pipe:	Length: 3411.00 ft	Diameter: 3.80 inches	Volume: 47.85 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 48.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3532.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3517.00	
Hydraulic tool	5.00			3522.00	
Packer	5.00			3527.00	20.00 Bottom Of Top Packer
Packer	5.00			3532.00	
Stubb	1.00			3533.00	
Recorder	0.00	6799	Inside	3533.00	
Perforations	18.00			3551.00	
Blank Spacing	32.00			3583.00	
Recorder	0.00	3354	Outside	3583.00	
Bullnose	3.00			3586.00	54.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26061 DST#: 4
Test Start: 2006.11.29 @ 04:14:54

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 0.07 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCW15%M 85%W	0.295
140.00	Water 100%	1.408
0.00	RW=.25 OHMS@30degF=72500ppmChl	0.000

Total Length: 200.00 ft Total Volume: 1.703 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6799

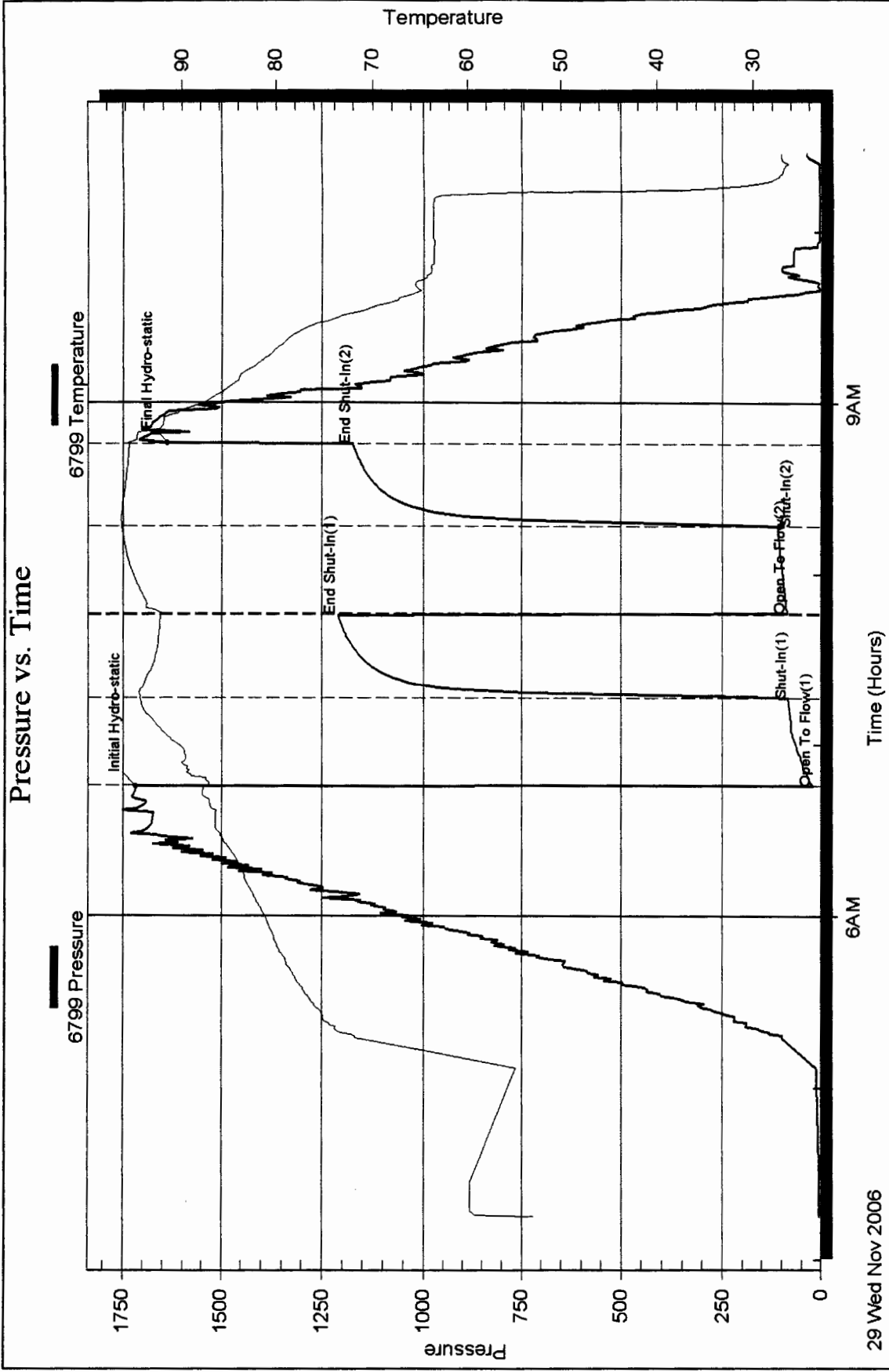
Inside

RL Investment LLC

4 5S 24W Norton KS

DST Test Number: 4

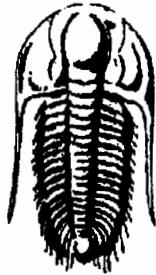
Pressure vs. Time



29 Wed Nov 2006

6AM

9AM



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RL Investment LLC**

217 Saint Peter Street
Morland KS 67650

ATTN: Pat Deenihan

4 5S 24W Norton KS

Berry #1

Start Date: 2006.11.29 @ 17:57:36

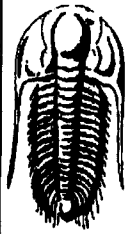
End Date: 2006.11.30 @ 00:52:15

Job Ticket #: 26062 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

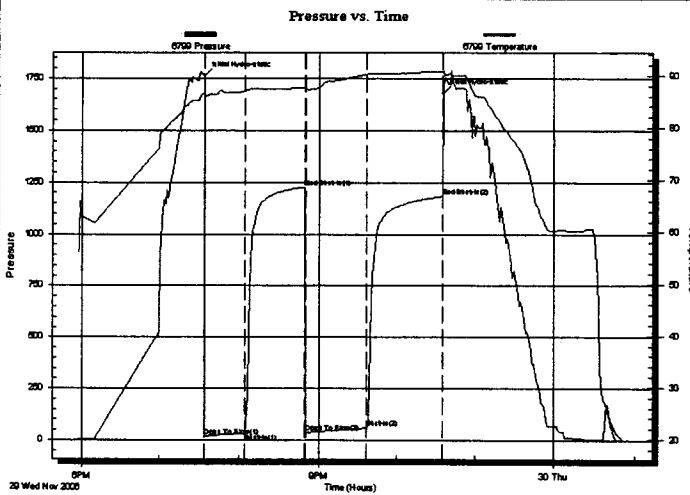
Berry #1
4 5S 24W Norton KS
Job Ticket: 26062 DST#: 5
Test Start: 2006.11.29 @ 17:57:36

GENERAL INFORMATION:

Formation: **Lansing "K&L"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
 Time Tool Opened: 19:33:56 Tester: Jake Fahrenbruch
 Time Test Ended: 00:52:15 Unit No: 22
 Interval: **3586.00 ft (KB) To 3615.00 ft (KB) (TVD)** Reference Elevations: 2333.00 ft (KB)
 Total Depth: 3615.00 ft (KB) (TVD) 2328.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6799 Inside
 Press@RunDepth: 58.88 psig @ 3587.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.11.29 End Date: 2006.11.30 Last Calib.: 2006.11.30
 Start Time: 17:57:38 End Time: 00:52:16 Time On Btm: 2006.11.29 @ 19:33:46
 Time Off Btm: 2006.11.29 @ 22:36:06

TEST COMMENT: IF Weak blow building to 1 " in bucket
 ISI Bled off no blow back
 FF Weak blow building to 1.5 " in bucket
 FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1764.99	86.48	Initial Hydro-static
1	17.58	85.52	Open To Flow (1)
31	34.15	87.04	Shut-In(1)
76	1227.22	87.58	End Shut-In(1)
77	36.87	87.31	Open To Flow(2)
123	58.88	90.23	Shut-In(2)
182	1182.49	90.71	End Shut-In(2)
183	1677.86	90.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Watery Mud 40%W 60%M	0.34
0.00	36000 Chlorides	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26062 **DST#: 5**
Test Start: 2006.11.29 @ 17:57:36

Tool Information

Drill Pipe:	Length: 3468.00 ft	Diameter: 3.80 inches	Volume: 48.65 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3586.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3571.00	
Hydraulic tool	5.00			3576.00	
Packer	5.00			3581.00	20.00 Bottom Of Top Packer
Packer	5.00			3586.00	
Stubb	1.00			3587.00	
Recorder	0.00	6799	Inside	3587.00	
Perforations	25.00			3612.00	
Recorder	0.00	3354	Outside	3612.00	
Bullnose	3.00			3615.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investment LLC
217 Saint Peter Street
Morland KS 67650
ATTN: Pat Deenihan

Berry #1
4 5S 24W Norton KS
Job Ticket: 26062 **DST#: 5**
Test Start: 2006.11.29 @ 17:57:36

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 0.07 inches			

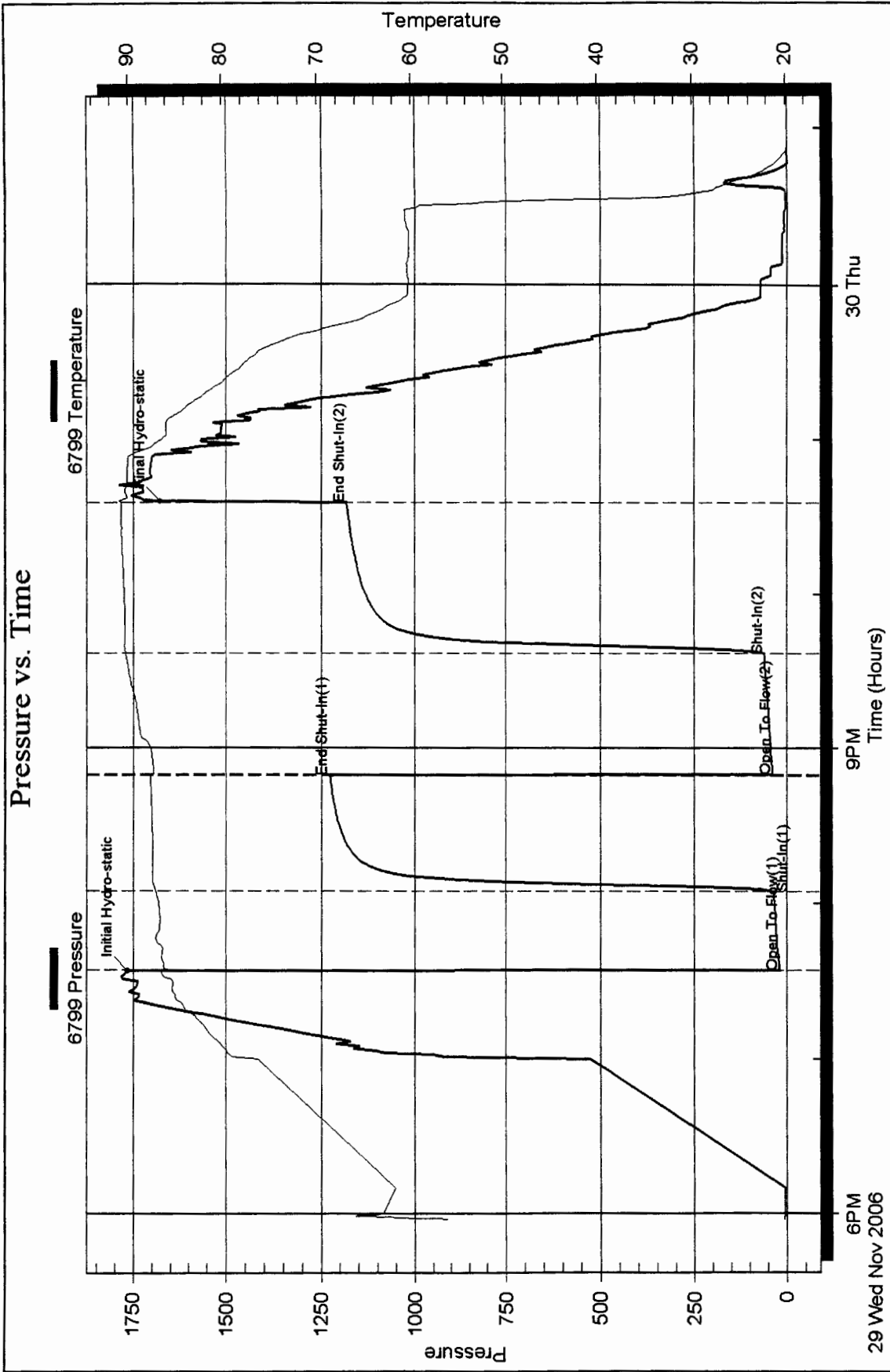
Recovery Information

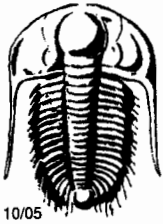
Recovery Table

Length ft	Description	Volume bbl
70.00	Watery Mud 40%W 60%M	0.344
0.00	36000 Chlorides	0.000

Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

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9585 ✓

26058

Test Ticket

Well Name & No. Berry #1 Test No. 1 Date 11-27-06
 Company RL Investment LLC Zone Tested Branta & Lansing "A"
 Address 217 Saint Peter Street, Morland, KS 67650 Elevation 2333 KB 2328 GL
 Co. Rep / Geo. Pat Deenan Rig W W Rig #4
 Location: Sec. 4 Twp. 5s Rge. 24w Co. Norton State Kansas
 Comment: _____ Release date / time: _____

Interval Tested 3394 - 3450 Initial Str Wt./Lbs. 42000 Unseated Str Wt/Lbs. 42000
 Anchor Length 56 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3389 Tool Weight 2100
 Bottom Packer Depth 3394 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 3450 Wt. Pipe Run _____ Drill Collar Run 121
 Mud Wt. 9.0 LCM Ø Vis. 55 WL 6.4 Drill Pipe Size 4 1/2" XH Ft. Run 3287

Blow Description IF: Weak blow, built to 1/2" in bucket
ISI: Bled off, no blowback.
FF: No blow.
FSE: No blowback.

Recovery - Total Feet 10 GIP Ø Ft. in DC 10 Ft. in DP Ø
 Rec. 10 Feet of Dry Mud w/few Oil spec %gas %oil _____ %water 10 %mud _____
 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 _____
 BHT 89.62 °F Gravity NA °API D @ _____ °F Corrected Gravity _____ °API
 RW NA @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1000 ppm System

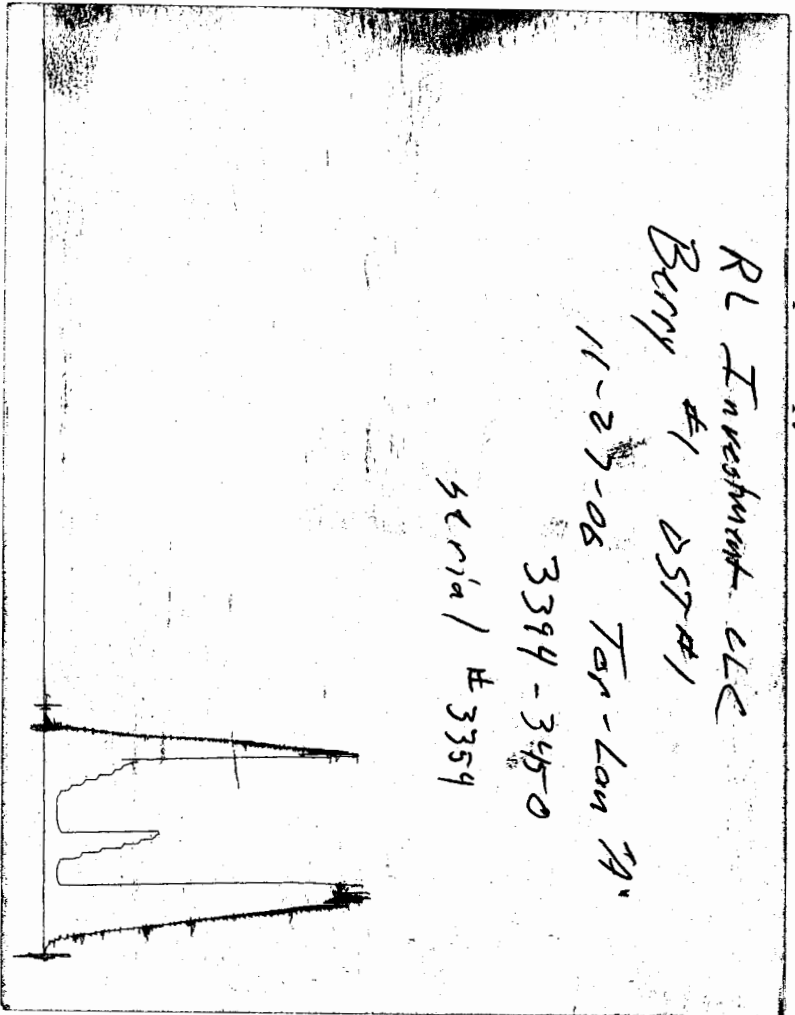
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1648</u> PSI	<u>6799</u>	<u>8 HOUR</u>
(B) First Initial Flow Pressure		<u>26</u> PSI	(depth) <u>3395</u>	Jars _____
(C) First Final Flow Pressure		<u>31</u> PSI	Recorder No. <u>3354</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>656</u> PSI	(depth) <u>3447</u>	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure		<u>31</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>34</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>533</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1646</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>96 R.T. 120</u>

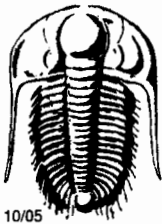
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Patrick Deenan T-Started 07:15 Sub Total: _____
 T-Open 08:03 Std. By _____
 T-Pulled 09:43 Acc. Chg: _____
 T-Out 12:43 Other: _____
 Our Representative Jacob E. Phrenburg T-Out 14:15 Total: \$1220.00
Thank you

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

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26059

Test Ticket

Well Name & No. BERRY #1 Test No. 2 Date 11-28-06
 Company RL INVESTMENT LLC Zone Tested LANSTING "B&C"
 Address 217 SAINT PETER STREET, MORLAND, KS 67650 Elevation 2333 KB 2328 GL
 Co. Rep / Geo. PAT DEENEHAN Rig WW REG #4
 Location: Sec. 4 Twp. 5S Rge. 24W Co. NORTON State KANSAS
 Comment: _____ Release date / time: _____

Interval Tested 3448-3490 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 42000
 Anchor Length 42 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3443 Tool Weight 2500
 Bottom Packer Depth 3448 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 3490 Wt. Pipe Run NONE Drill Collar Run 121
 Mud Wt. 9.0 LCM ⊖ Vis. 55 WL 6.4 Drill Pipe Size 4 1/2" XH Ft. Run 3317

Blow Description IF: STRONG BLOW, BOB 13 MIN 45 SEC.
ISI: BLED OFF, BLOWBACK BUILT TO 2 1/2" IN BUCKET.
FF: FAIRLY STRONG BLOW, BOB 20 MIN.
FSI: BLED OFF, BLOWBACK BUILT TO 1 3/4" IN BUCKET.

Recovery - Total Feet ~~240~~ 240 GIP 60 Ft. in DC ~~120~~ 120 Ft. in DP ~~120~~ 120
 Rec. 60 Feet of OIL %gas 100 %oil — %water — %mud —
 Rec. 120 Feet of GOCM %gas 10 %oil 30 %water 60 %mud —
 Rec. 60 Feet of GLSWCOM %gas 16 %oil 30 %water 50 %mud 4
 Rec. 60 Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 95.65 °F Gravity 34 °API D @ 50 °F Corrected Gravity 35 °API
 RW NC @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1687</u>	PSI	<u>6799</u>	<u>8 HOUR</u>
(B) First Initial Flow Pressure	<u>39</u>	PSI	<u>3449</u>	Jars <u>—</u>
(C) First Final Flow Pressure	<u>85</u>	PSI	<u>3354</u>	Safety Jt. <u>—</u>
(D) Initial Shut-In Pressure	<u>1025</u>	PSI	<u>3487</u>	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure	<u>95</u>	PSI	_____	Sampler <u>—</u>
(F) Second Final Flow Pressure	<u>122</u>	PSI	_____	Straddle <u>—</u>
(G) Final Shut-In Pressure	<u>1034</u>	PSI	<u>Initial Opening</u>	Ext. Packer <u>—</u>
(Q) Final Hydrostatic Mud	<u>1678</u>	PSI	<u>Initial Shut-In</u>	Shale Packer <u>—</u>
			<u>Final Flow</u>	Ruined Packer <u>—</u>
			<u>Final Shut-In</u>	Mileage <u>96 R.T. 120</u>
			<u>T-On Location</u>	Sub Total: _____
			<u>T-Started</u>	Std. By: _____
			<u>T-Open</u>	Acc. Chg: _____
			<u>T-Pulled</u>	Other: _____
			<u>T-Out</u>	Total: <u>1220</u>

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE 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.

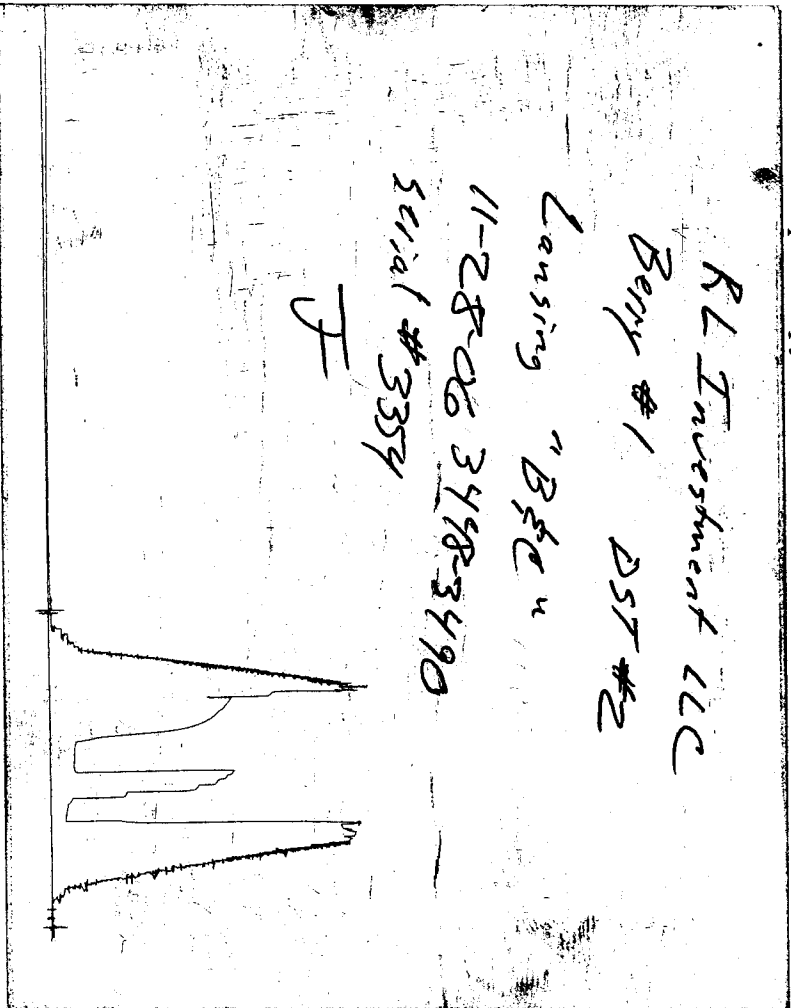
Approved By Pat Deenehan

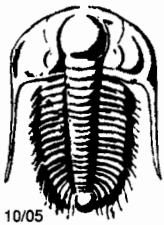
Our Representative Paul E. Schubert

Thank you

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

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26060

Test Ticket

Well Name & No. Berry #1 Test No. 3 Date 11-28-06
 Company R4 Investment, LLC Zone Tested Lansing
 Address 217 Saint Peter Street, Merland, KS 67650 Elevation 2333 KB 2328 GL
 Co. Rep / Geo. Pgt Deenihan Rig WW Rig #4
 Location: Sec. 4 Twp. 5S Rge. 24W Co. Norton State Kansas
 Comment: _____ Release date / time: _____

Interval Tested 3487-3508 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 44000
 Anchor Length 21 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 48000
 Top Packer Depth 3482 Tool Weight 2100
 Bottom Packer Depth 3487 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 3508 Wt. Pipe Run NONE Drill Collar Run 121
 Mud Wt. 9.1 LCM Ø Vis. 50 WL 6.4 Drill Pipe Size 4 1/2" XH Ft. Run 3379

Blow Description IF: Strong blow, BOB 7 1/2 minutes.
ISI: Bled off, no blowback.
FF: Strong blow, BOB 12 minutes.
FSI: Bled off, no blowback.

Recovery - Total Feet 495 GIP Ø Ft. in DC 120 Ft. in DP 375
 Rec. 5 Feet of Oil — %gas 100 %oil — %water — %mud
 Rec. 120 Feet of SOSMCW — %gas 2 %oil 78 %water 20 %mud
 Rec. 370 Feet of Salt Water — %gas — %oil 100 %water — %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 96.09 F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW .22 Ω @ 38 °F Chlorides 65000 ppm Recovery _____ Chlorides 1200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1694</u>	PSI	<u>6799</u>	<u>★ 8 HOUR 1100</u>
(B) First Initial Flow Pressure	<u>38</u>	PSI	(depth) <u>3488</u>	Jars _____
(C) First Final Flow Pressure	<u>166</u>	PSI	Recorder No. <u>3354</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1021</u>	PSI	(depth) <u>3505</u>	Circ Sub <u>★ NC</u>
(E) Second Initial Flow Pressure	<u>173</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>247</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>952</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1704</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>30</u>	Mileage <u>96 R.T. 120</u>

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Approved By Patrick Deenihan

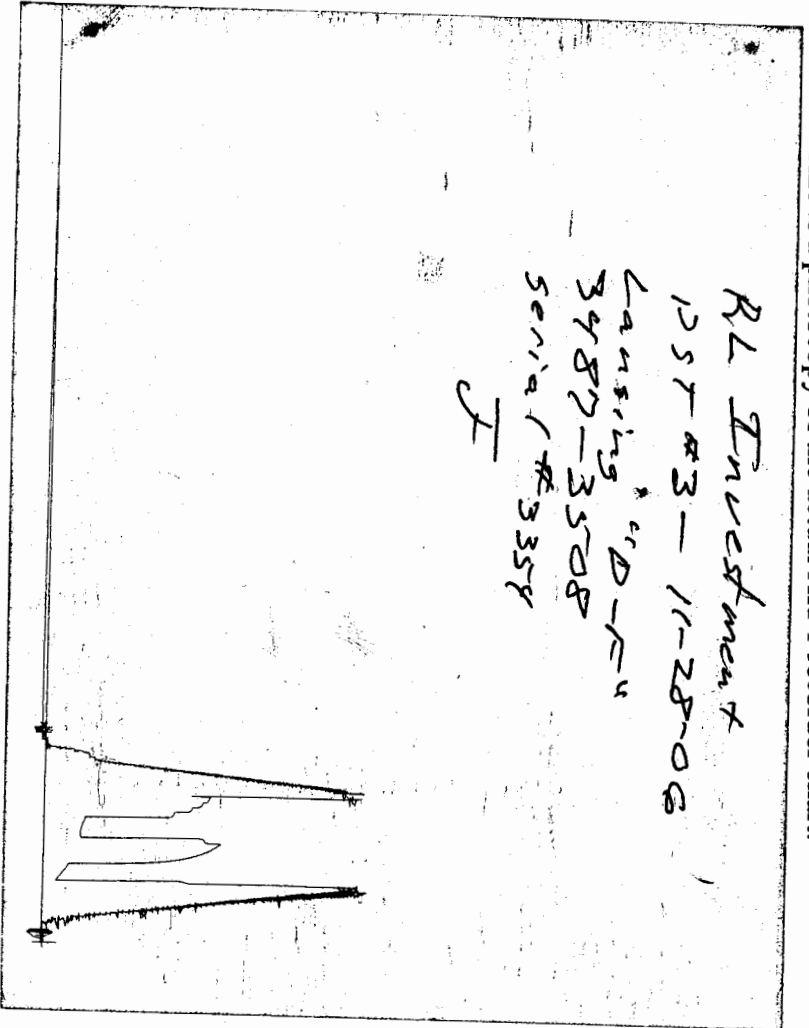
Our Representative Scott E. Johnson

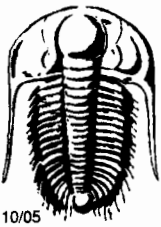
T-On Location 13:00 Sub Total: _____
 T-Started 13:37 1H Std. By _____
 T-Open 14:59 Acc. Chg: _____
 T-Pulled 17:01 Other: _____
 T-Out 19:00 Total: \$ 1220

Thank you

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26061

Test Ticket

Well Name & No. Berry #1 Test No. 4 Date 11-29-06
 Company RL Investment LLC Zone Tested Lansing "H-J"
 Address 217 St. Peter Street, Merland, KS 67650 Elevation 2333 KB 2328 GL
 Co. Rep / Geo. Pat Dechihan Rig WW #4
 Location: Sec. 4 Twp. 5s Rge. 24w Co. Norton State KS
 Comment: _____ Release date / time: _____

Interval Tested 3532-3586 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 41000
 Anchor Length 54 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 48000
 Top Packer Depth 3527 Tool Weight 2500
 Bottom Packer Depth 3532 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 3586 Wt. Pipe Run NONE Drill Collar Run 121
 Mud Wt. 9.1 LCM 0 Vis. 50 WL 6.4 Drill Pipe Size 4 1/2" X H Ft. Run 3411

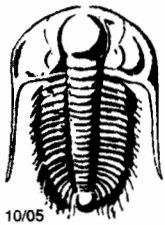
Blow Description IF: Fair blow, building to 8" in buckets.
ISI: Bled off, no blowback.
FF: Fair blow, building to 6" in buckets.
FSI: Bled off, no blowback.

Recovery - Total Feet 200 GIP 0 Ft. in DC 120 Ft. in DP 80
 Rec. 60 Feet of MCW %gas _____ %oil 85 %water 15 %mud _____
 Rec. 140 Feet of Water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 95.58 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .25 @ 30 °F Chlorides 72500 ppm Recovery _____ Chlorides 1200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1719</u> PSI	<u>6799</u>	<u>1200</u>
(B) First Initial Flow Pressure		<u>20</u> PSI	(depth) <u>3533</u>	Jars _____
(C) First Final Flow Pressure		<u>82</u> PSI	Recorder No. <u>3354</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>1211</u> PSI	(depth) <u>3583</u>	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure		<u>85</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>111</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1174</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1716</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>30</u>	Mileage <u>96 R.T. 120</u>

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Approved By Patrick Dechihan T-Started 04:14 Std. By _____
 Our Representative James J. Jones T-Open 06:45 Acc. Chg: 01220
of Hays T-Pulled 08:45 Other: _____
 T-Out 10:30 Total: _____



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26062

Test Ticket

Well Name & No. Berry #1 Test No. 5 Date 11-29-06
 Company RL Investment LLC Zone Tested Lansing "K&L"
 Address 217 St Peter Street, Morland, KS 67650 Elevation 2333 KB 2328 GL
 Co. Rep / Geo. Pat Deenihan Rig W W #4
 Location: Sec. 4 Twp. 5s Rge. 24w Co. Norden State KS
 Comment: _____ Release date / time: _____

Interval Tested 3586-3615 Initial Str Wt./Lbs. 41000 Unseated Str Wt/Lbs. 41000
 Anchor Length 29 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3581 Tool Weight 2100
 Bottom Packer Depth 3586 Hole Size 7 7/8" Yes Rubber Size 6 3/4" Yes
 Total Depth 3615 Wt. Pipe Run None Drill Collar Run 121
 Mud Wt. 9.1 LCM 0 Vis. 53 WL 7.2 Drill Pipe Size 4 1/2" x 4 Ft. Run 3468

Blow Description IF: Weak blow building to 1" in bucket.
IST: Bled off, no blowback
FF: Weak blow building to 1 1/2" in bucket.
FSL: Bled off, no blowback.

Recovery - Total Feet 70 GIP 0 Ft. in DC 70 Ft. in DP _____
 Rec. 70 Feet of Water/Mud %gas _____ %oil 40 %water 60 %mud _____
 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 _____
 BHT 90.71 °F Gravity NA °API D @ _____ °F Corrected Gravity _____ °API
 RW .40 @ 35 °F Chlorides 36000 ppm Recovery _____ Chlorides 1200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1765</u>	PSI	<u>6799</u>	<u>8 Hour 1100</u>
(B) First Initial Flow Pressure	<u>18</u>	PSI	(depth) <u>3587</u>	Jars _____
(C) First Final Flow Pressure	<u>39</u>	PSI	Recorder No. <u>3354</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1227</u>	PSI	(depth) <u>3612</u>	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure	<u>36</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>59</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1182</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1733</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>96 R.T.</u> <u>120</u>

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Approved By Patrick Deenihan T-Started 17:50 Sub Total: _____
 T-Open 19:33 Std. By _____
 T-Pulled 22:35 Acc. Chg: \$1220
 T-Out 00:45 Other: _____
 Our Representative Paul E. Johnson Total: _____