

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

25 12 19W

29 12 19W Ellis KS

Rupp #1 "A"

Start Date: 2007.04.25 @ 00:58:59

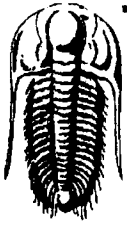
End Date: 2007.04.25 @ 09:46:29

Job Ticket #: 25858 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

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25858

DST#: 1

ATTN: Bill Raymond

Test Start: 2007.04.25 @ 00:58:59

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:59

Time Test Ended: 09:46:29

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **3474.00 ft (KB) To 3547.00 ft (KB) (TVD)**

Reference Elevations: 2186.00 ft (KB)

Total Depth: 3547.00 ft (KB) (TVD)

2181.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 108.74 psig @ 3483.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.25

End Date:

2007.04.25

Last Calib.: 2007.04.25

Start Time: 00:59:04

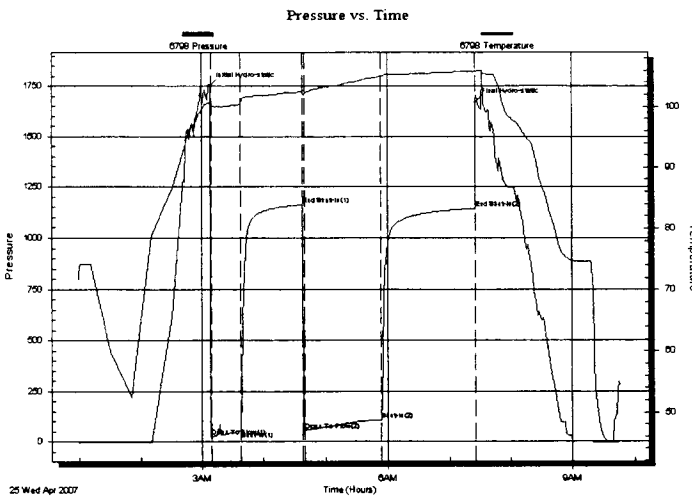
End Time:

09:46:29

Time On Btm: 2007.04.25 @ 03:07:59

Time Off Btm: 2007.04.25 @ 07:25:58

TEST COMMENT: IF Weak blow Built to 3 "
ISI Very weak surface blow Dead in 10 mins.
FF Weak blow Built to 3 "
FSI No blow



PRESSURE SUMMARY

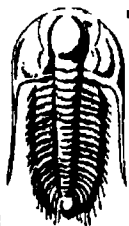
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.09	100.57	Initial Hydro-static
1	24.93	100.13	Open To Flow (1)
31	52.86	100.60	Shut-In(1)
90	1160.83	102.52	End Shut-In(1)
92	56.05	102.17	Open To Flow (2)
166	108.74	104.99	Shut-In(2)
258	1143.75	105.87	End Shut-In(2)
258	1669.57	105.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	HWCM 50%W 50%M	0.97
0.00	RW= .366 @ 52 deg. 24000 ppm	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25858

DST#: 1

ATTN: Bill Raymond

Test Start: 2007.04.25 @ 00:58:59

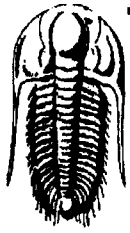
Tool Information

Drill Pipe:	Length: 3288.00 ft	Diameter: 3.80 inches	Volume: 46.12 bbl	Tool Weight: 2300.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3474.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	96.00 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			3456.00	
Hydraulic tool	5.00			3461.00	
Safety Joint	3.00			3464.00	
Packer	5.00			3469.00	23.00 Bottom Of Top Packer
Packer	5.00			3474.00	
Stubb	1.00			3475.00	
Perforations	8.00			3483.00	
Recorder	0.00	6798	Inside	3483.00	
Blank Spacing	31.00			3514.00	
Perforations	30.00			3544.00	
Recorder	0.00	13249	Outside	3544.00	
Bullnose	3.00			3547.00	73.00 Bottom Packers & Anchor

Total Tool Length: 96.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25858

DST#: 1

ATTN: Bill Raymond

Test Start: 2007.04.25 @ 00:58:59

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.16 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6800.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	HWCM 50%W 50%M	0.971
0.00	RW= .366 @ 52 deg. 24000 ppm	0.000
0.00		0.000

Total Length: 190.00 ft Total Volume: 0.971 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

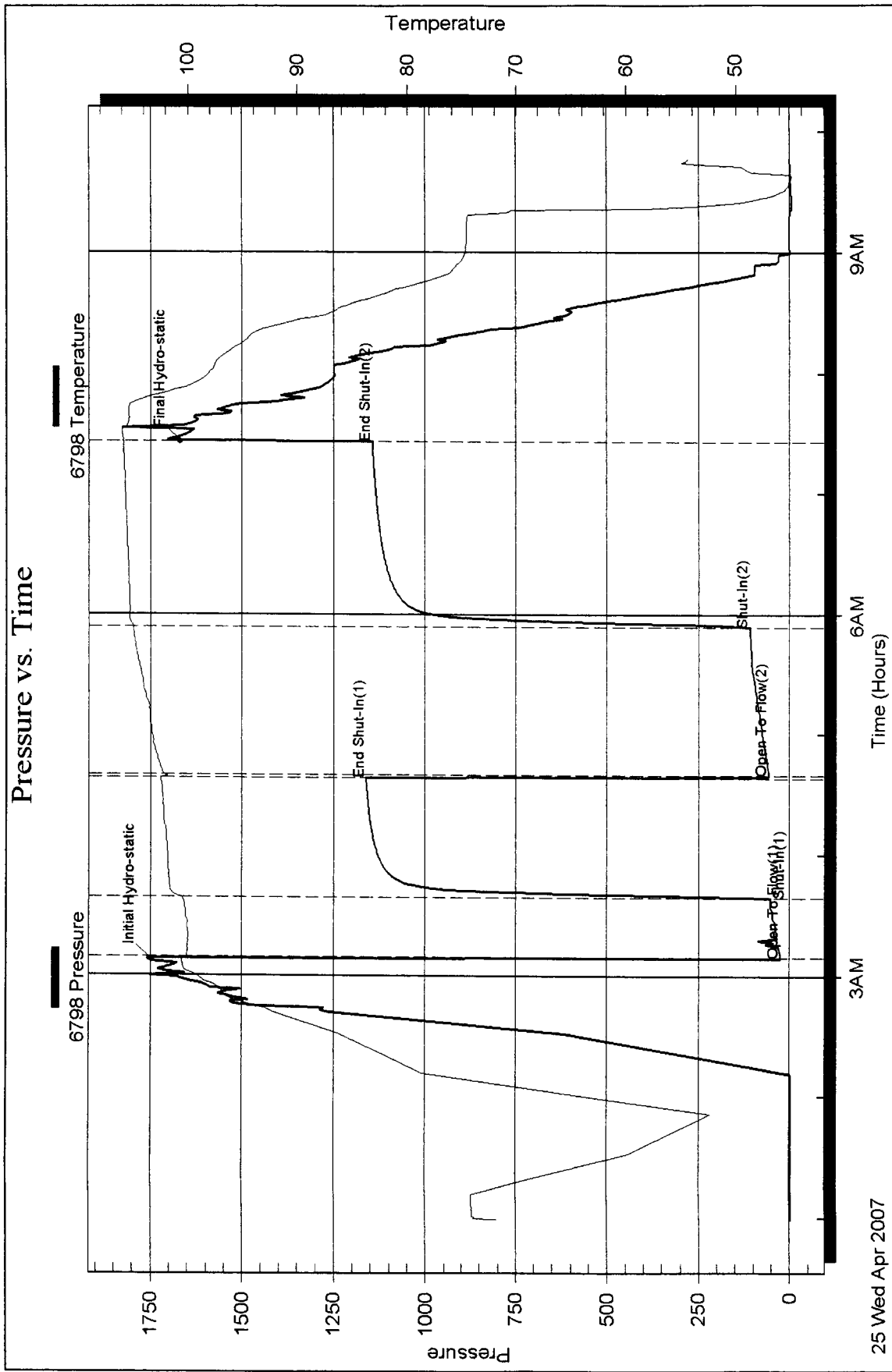
Serial #: none

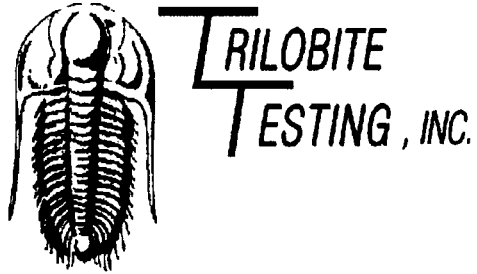
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

29 12 19W Ellis KS

Rupp #1 "A"

Start Date: 2007.04.25 @ 18:23:05

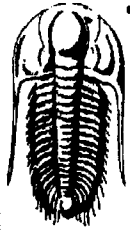
End Date: 2007.04.26 @ 03:10:05

Job Ticket #: 25859 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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**TRILOBITE
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DRILL STEM TEST REPORT

Raymond Oil Co Inc

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

Rupp #1 "A"

29 12 19W Ellis KS

Job Ticket: 25859

DST#: 2

Test Start: 2007.04.25 @ 18:23:05

GENERAL INFORMATION:

Formation: **Lansing 70' & 90' zo**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:08:35

Time Test Ended: 03:10:05

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **3551.00 ft (KB) To 3581.00 ft (KB) (TVD)**

Total Depth: 3581.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2186.00 ft (KB)

2181.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 47.68 psig @ 3552.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.25

End Date:

2007.04.26

Last Calib.: 2007.04.26

Start Time: 18:23:10

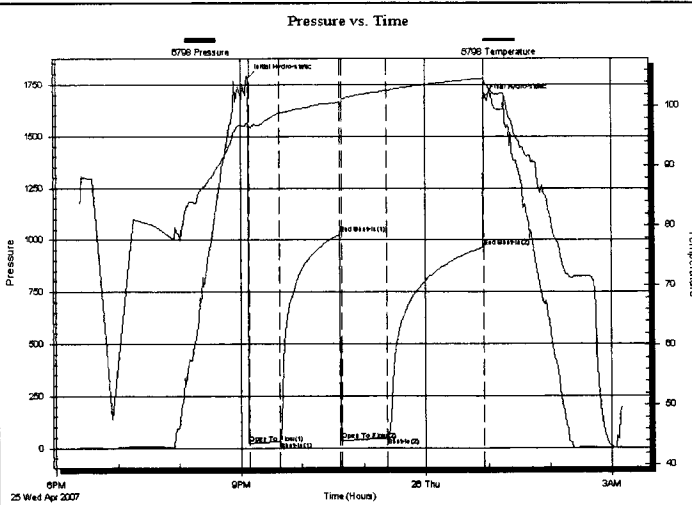
End Time:

03:10:05

Time On Btm: 2007.04.25 @ 21:07:35

Time Off Btm: 2007.04.26 @ 00:56:04

TEST COMMENT: IF Weak blow Built to 2 1/2 "
ISI Very weak surface blow Dead in 7 mins.
FF Weak blow Built to 1/2 "
FSI No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1782.79	97.20	Initial Hydro-static
1	19.66	96.64	Open To Flow (1)
31	32.05	98.80	Shut-In(1)
90	1028.63	100.66	End Shut-In(1)
91	34.10	100.66	Open To Flow (2)
136	47.68	102.61	Shut-In(2)
228	965.66	104.64	End Shut-In(2)
229	1682.65	104.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	HWCM 50%W 50%M	0.37
0.00	RW= .440 @ 50.5 deg. 21000 ppm	0.00
0.00		0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25859

DST#: 2

ATTN: Bill Raymond

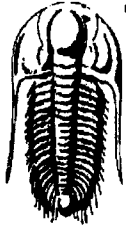
Test Start: 2007.04.25 @ 18:23:05

Tool Information

Drill Pipe:	Length: 3351.00 ft	Diameter: 3.80 inches	Volume: 47.01 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3551.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 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			3533.00	
Hydraulic tool	5.00			3538.00	
Safety Joint	3.00			3541.00	
Packer	5.00			3546.00	23.00 Bottom Of Top Packer
Packer	5.00			3551.00	
Stubb	1.00			3552.00	
Recorder	0.00	6798	Inside	3552.00	
Perforations	26.00			3578.00	
Recorder	0.00	13249	Outside	3578.00	
Bullnose	3.00			3581.00	30.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25859

DST#: 2

ATTN: Bill Raymond

Test Start: 2007.04.25 @ 18:23:05

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6900.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	HWCM 50%W 50%M	0.369
0.00	RW= .440 @ 50.5 deg. 21000 ppm	0.000
0.00		0.000

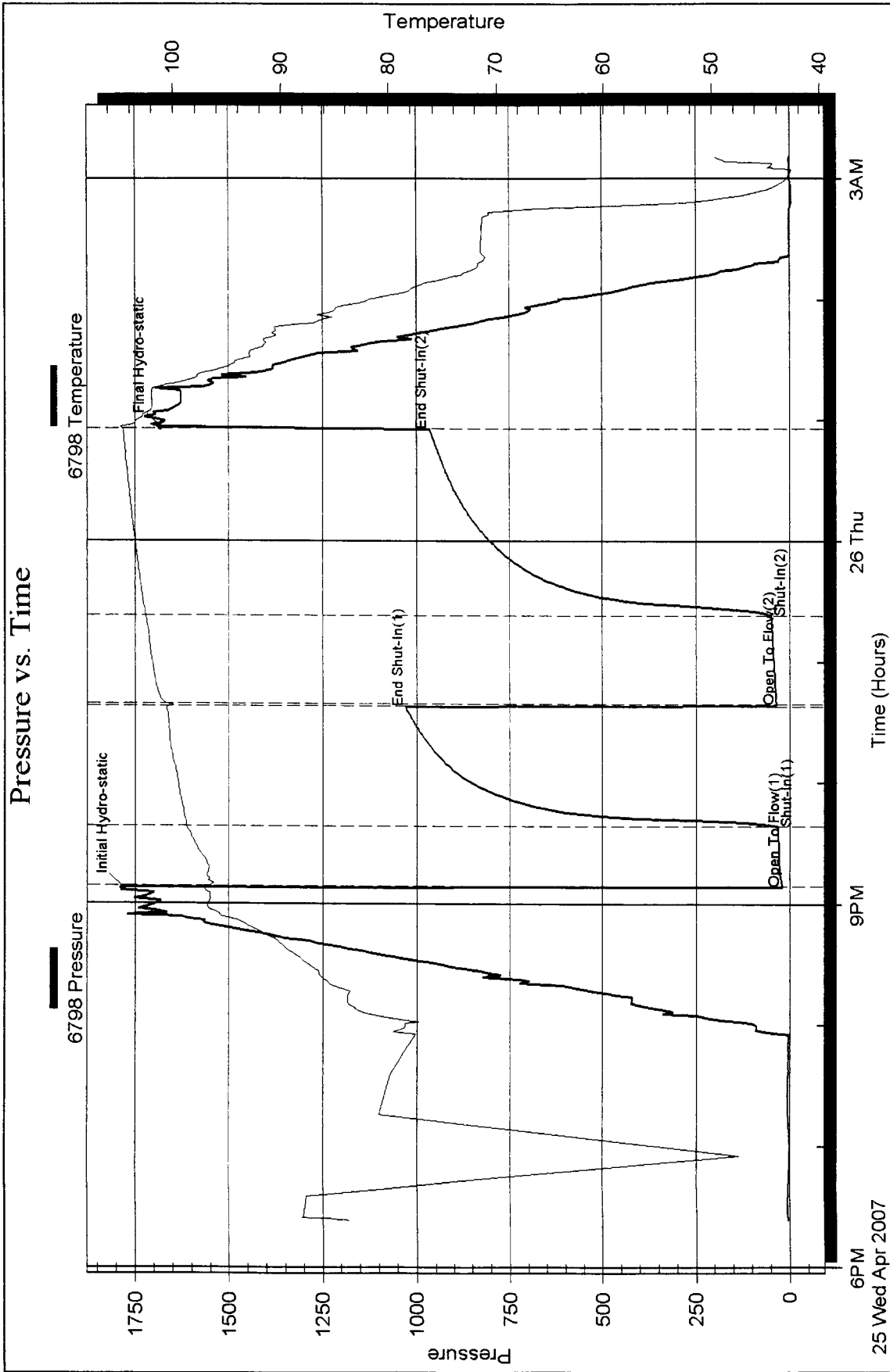
Total Length: 75.00 ft Total Volume: 0.369 bbl

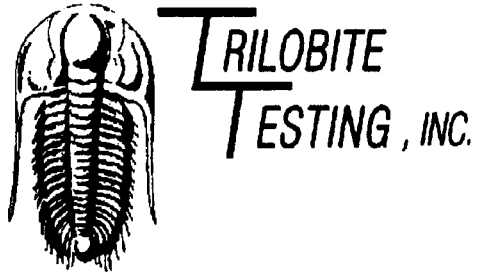
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

29 12 19W Ellis KS

Rupp #1 "A"

Start Date: 2007.04.26 @ 13:17:42

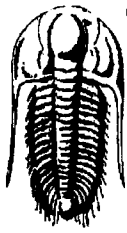
End Date: 2007.04.26 @ 21:06:12

Job Ticket #: 25860 DST #: 3

Trilobite Testing, Inc

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



**TRILOBITE
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DRILL STEM TEST REPORT

Raymond Oil Co Inc
PO Box 48788
Wichita KS 67201
ATTN: Bill Raymond

Rupp #1 "A"
29 12 19W Ellis KS
Job Ticket: 25860 **DST#: 3**
Test Start: 2007.04.26 @ 13:17:42

GENERAL INFORMATION:

Formation: **Lansing 140' & 160' zo**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:32:12
Time Test Ended: 21:06:12

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 36

Interval: **3611.00 ft (KB) To 3657.00 ft (KB) (TVD)**
Total Depth: 3657.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2186.00 ft (KB)
2181.00 ft (CF)
KB to GR/CF: 5.00 ft

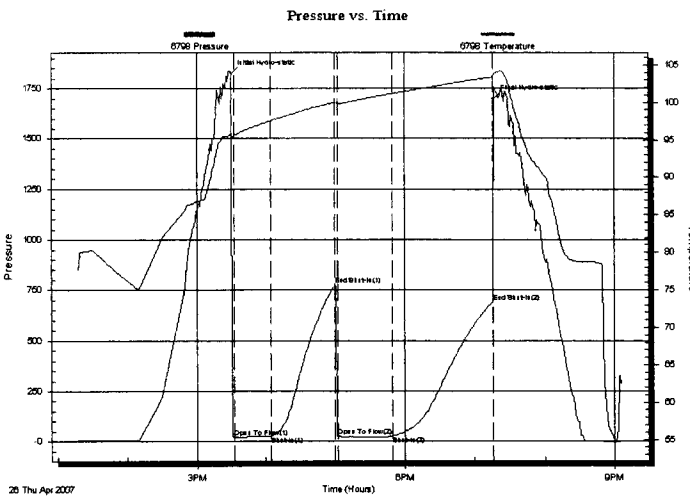
Serial #: 6798

Inside

Press@RunDepth: 25.70 psig @ 3617.00 ft (KB)
Start Date: 2007.04.26 End Date: 2007.04.26
Start Time: 13:17:47 End Time: 21:06:11

Capacity: 7000.00 psig
Last Calib.: 2007.04.26
Time On Btm: 2007.04.26 @ 15:30:12
Time Off Btm: 2007.04.26 @ 19:16:11

TEST COMMENT: IF Weak blow Built to 1 1/4 "
ISI No blow
FF No blow
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1824.87	95.77	Initial Hydro-static
2	21.96	95.54	Open To Flow (1)
34	25.91	97.54	Shut-In(1)
90	775.36	99.99	End Shut-In(1)
93	23.37	99.79	Open To Flow (2)
139	25.70	101.16	Shut-In(2)
225	691.91	103.40	End Shut-In(2)
226	1696.44	103.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud w/Oil specks 100%M	0.02
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25860

DST#: 3

ATTN: Bill Raymond

Test Start: 2007.04.26 @ 13:17:42

Tool Information

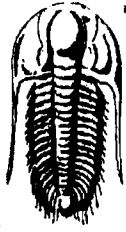
Drill Pipe:	Length: 3412.00 ft	Diameter: 3.80 inches	Volume: 47.86 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
		<u>Total Volume:</u>	<u>48.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3611.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
5 Sleepers @ 305.40

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3593.00	
Hydraulic tool	5.00			3598.00	
Safety Joint	3.00			3601.00	
Packer	5.00			3606.00	23.00 Bottom Of Top Packer
Packer	5.00			3611.00	
Stubb	1.00			3612.00	
Perforations	4.00			3616.00	
Change Over Sub	1.00			3617.00	
Recorder	0.00	6798	Inside	3617.00	
Blank Spacing	31.00			3648.00	
Change Over Sub	1.00			3649.00	
Perforations	5.00			3654.00	
Recorder	0.00	13249	Outside	3654.00	
Bullnose	3.00			3657.00	46.00 Bottom Packers & Anchor

Total Tool Length: 69.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 25860

DST#: 3

ATTN: Bill Raymond

Test Start: 2007.04.26 @ 13:17:42

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.35 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7300.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud w/Oil specks 100%M	0.025
0.00		0.000

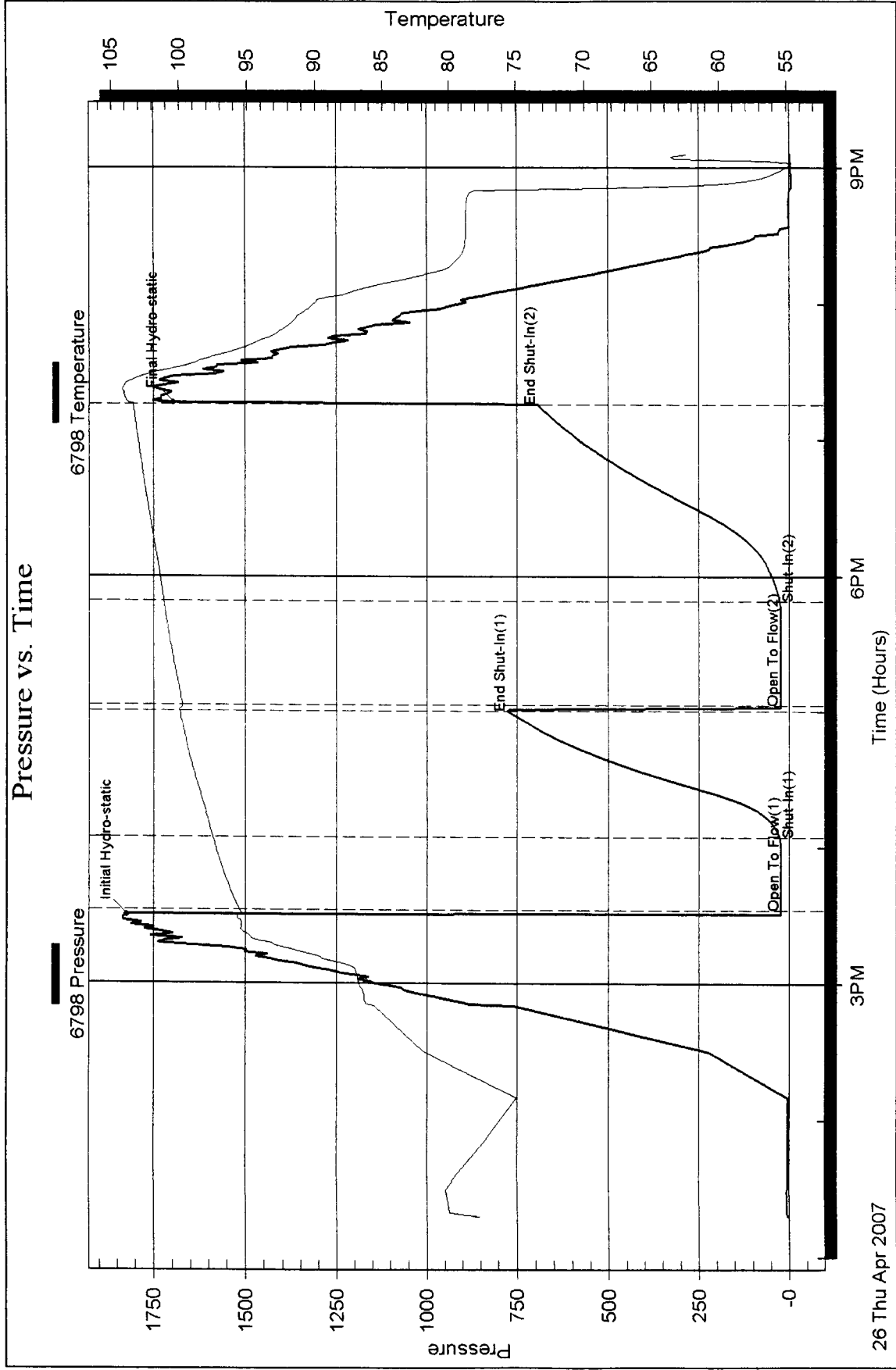
Total Length: 5.00 ft Total Volume: 0.025 bbl

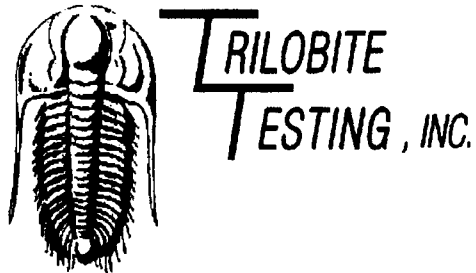
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

29 12 19W Ellis KS

Rupp #1 "A"

Start Date: 2007.04.27 @ 07:07:26

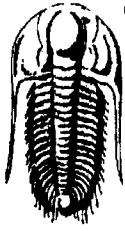
End Date: 2007.04.27 @ 15:06:26

Job Ticket #: 28102 DST #: 4

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 28102

DST#: 4

ATTN: Bill Raymond

Test Start: 2007.04.27 @ 07:07:26

GENERAL INFORMATION:

Formation: **KC K-L**

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

Time Tool Opened: 09:15:41

Time Test Ended: 15:06:26

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: 3679.00 ft (KB) To 3726.00 ft (KB) (TVD)

Reference Elevations: **2186.00 ft (KB)**

Total Depth: **3726.00 ft (KB) (TVD)**

2181.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

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

Serial #: 6741

Inside

Press@RunDepth: **106.70 psig @ 3682.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.04.27**

End Date: **2007.04.27**

Last Calib.: **2007.04.27**

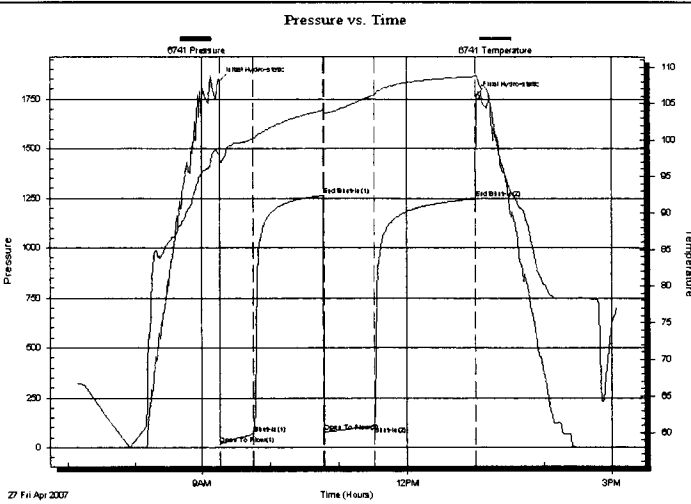
Start Time: **07:07:28**

End Time: **15:06:26**

Time On Btm: **2007.04.27 @ 09:15:26**

Time Off Btm: **2007.04.27 @ 13:00:26**

TEST COMMENT: IF Weak building to 1 3/4 "
FF Weak building to 3/4 "



PRESSURE SUMMARY

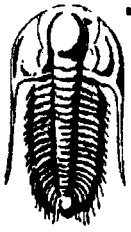
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1841.71	97.98	Initial Hydro-static
1	13.36	97.44	Open To Flow (1)
31	69.60	100.23	Shut-In(1)
91	1263.26	104.11	End Shut-In(1)
92	75.54	103.80	Open To Flow (2)
136	106.70	106.19	Shut-In(2)
225	1246.61	108.71	End Shut-In(2)
225	1767.63	108.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	HOCM 30%O 70%M	0.76
90.00	CO	0.99

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 28102

DST#: 4

ATTN: Bill Raymond

Test Start: 2007.04.27 @ 07:07:26

Tool Information

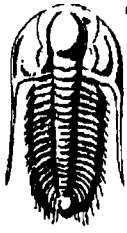
Drill Pipe:	Length: 3497.00 ft	Diameter: 3.80 inches	Volume: 49.05 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 49.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3679.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3661.00	
Hydraulic tool	5.00			3666.00	
Safety Joint	3.00			3669.00	
Packer	5.00			3674.00	23.00 Bottom Of Top Packer
Packer	5.00			3679.00	
Stubb	1.00			3680.00	
Perforations	1.00			3681.00	
Change Over Sub	1.00			3682.00	
Recorder	0.00	6741	Inside	3682.00	
Drill Pipe	29.00			3711.00	
Change Over Sub	1.00			3712.00	
Recorder	0.00	13254	Outside	3712.00	
Perforations	11.00			3723.00	
Bullnose	3.00			3726.00	47.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

ATTN: Bill Raymond

Job Ticket: 28102 **DST#: 4**

Test Start: 2007.04.27 @ 07:07:26

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.35 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7200.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	HOCM 30%O 70%M	0.762
90.00	CO	0.989

Total Length: 245.00 ft Total Volume: 1.742 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

DST Test Number: 4

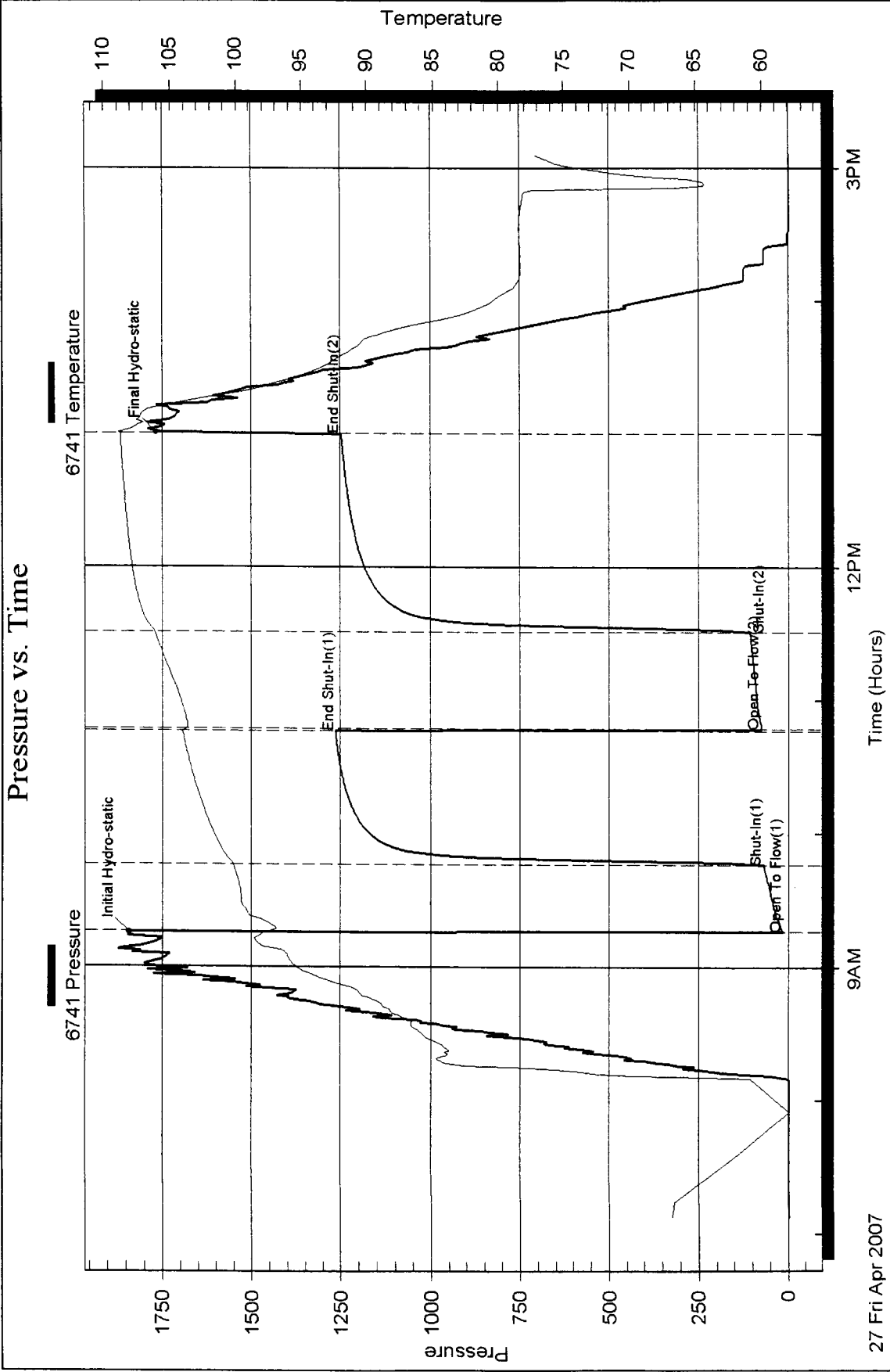
29 12 19W Ellis KS

Raymond Oil Co Inc

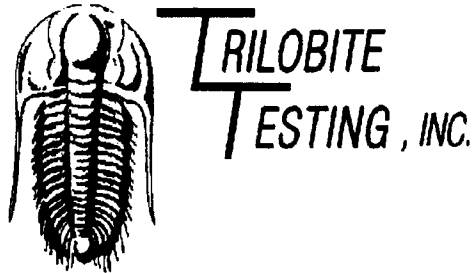
Inside

Serial #: 6741

Pressure vs. Time



27 Fri Apr 2007



DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

29 12 19W Ellis KS

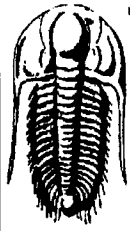
Rupp #1 "A"

Start Date: 2007.04.27 @ 23:50:59

End Date: 2007.04.28 @ 05:53:59

Job Ticket #: 28103 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

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 28103

DST#: 5

ATTN: Bill Raymond

Test Start: 2007.04.27 @ 23:50:59

GENERAL INFORMATION:

Formation: **Cong**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:47:19

Time Test Ended: 05:53:59

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3765.00 ft (KB) To 3795.00 ft (KB) (TVD)**

Reference Elevations: 2186.00 ft (KB)

Total Depth: 3795.00 ft (KB) (TVD)

2181.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6741

Press@RunDepth: 37.62 psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.27

End Date: 2007.04.28

Last Calib.: 2007.04.28

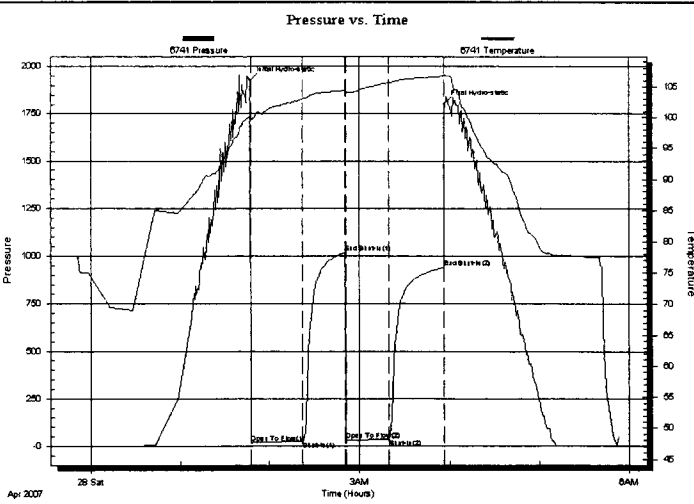
Start Time: 23:51:01

End Time: 05:53:59

Time On Btm: 2007.04.28 @ 01:47:09

Time Off Btm: 2007.04.28 @ 03:56:44

TEST COMMENT: IF Weak building to 1/4 " died in 25 min
FF No blow



PRESSURE SUMMARY

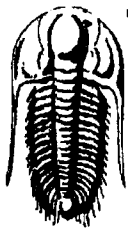
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.64	100.09	Initial Hydro-static
1	14.35	99.61	Open To Flow (1)
36	26.49	103.03	Shut-In(1)
64	1017.80	104.33	End Shut-In(1)
64	30.69	104.09	Open To Flow (2)
93	37.62	105.56	Shut-In(2)
130	940.73	106.66	End Shut-In(2)
130	1801.77	106.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Silty OCM 3%O 97%M	0.27
5.00	Heavy Oil	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

Rupp #1 "A"

29 12 19W Ellis KS

Job Ticket: 28103

DST#: 5

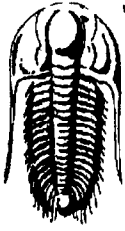
Test Start: 2007.04.27 @ 23:50:59

Tool Information

Drill Pipe:	Length: 3567.00 ft	Diameter: 3.80 inches	Volume: 50.04 bbl	Tool Weight: 2300.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume:	50.95 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3765.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 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			3747.00	
Hydraulic tool	5.00			3752.00	
Safety Joint	3.00			3755.00	
Packer	5.00			3760.00	23.00 Bottom Of Top Packer
Packer	5.00			3765.00	
Stubb	1.00			3766.00	
Recorder	0.00	6798	Inside	3766.00	
Perforations	26.00			3792.00	
Recorder	0.00	13249	Outside	3792.00	
Bullnose	3.00			3795.00	30.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

ATTN: Bill Raymond

Job Ticket: 28103

DST#: 5

Test Start: 2007.04.27 @ 23:50:59

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: 8.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	Sltly OCM 3%O 97%M	0.270
5.00	Heavy Oil	0.025

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

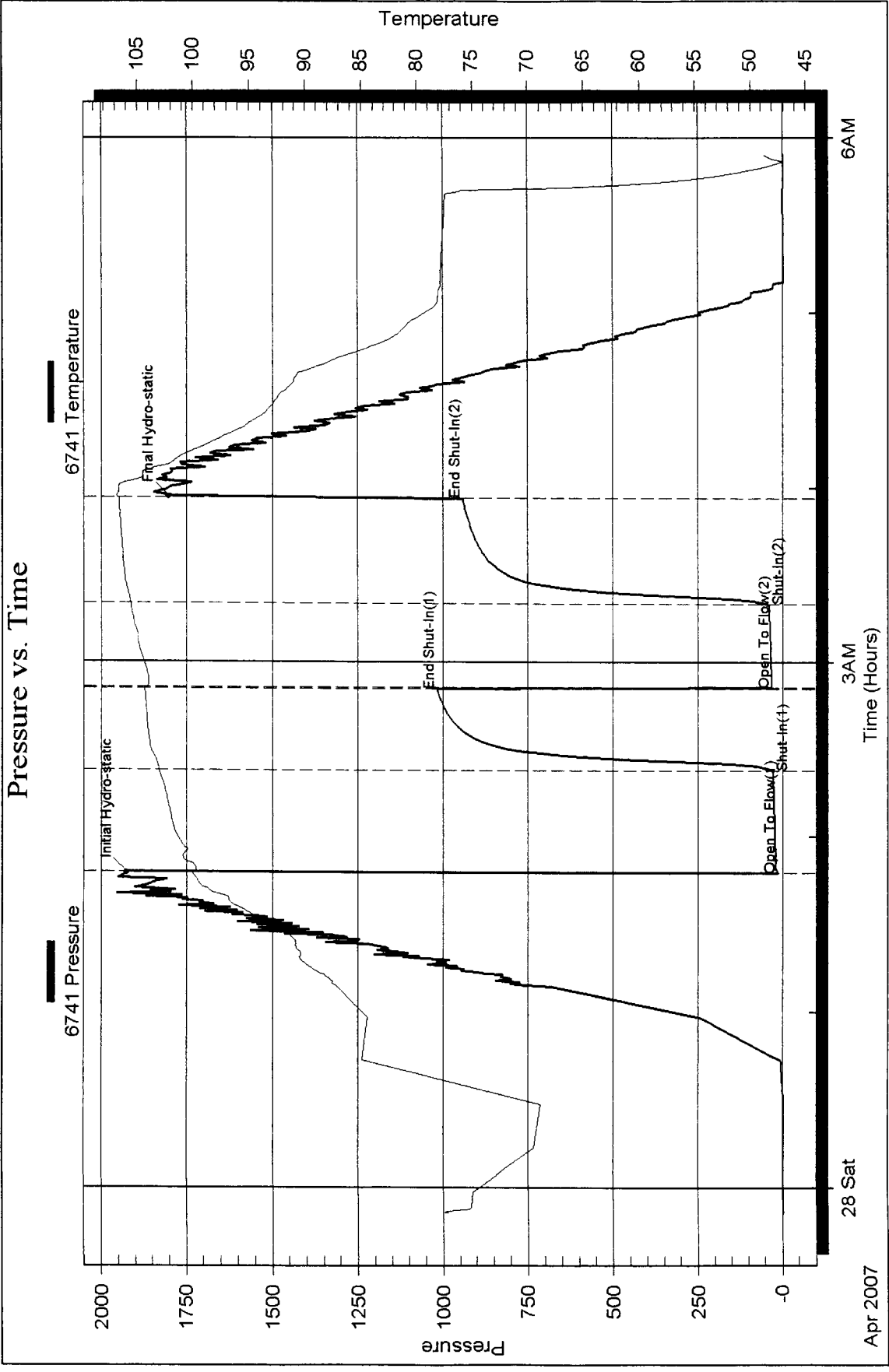
Serial #: 6741

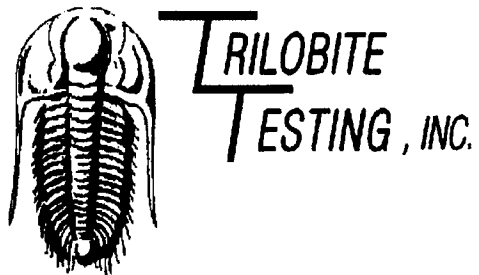
Raymond Oil Co Inc

29 12 19W Ellis KS

DST Test Number: 5

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67201

ATTN: Bill Raymond

29 12 19W Ellis KS

Rupp #1 "A"

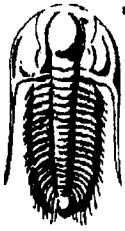
Start Date: 2007.04.28 @ 15:00:44

End Date: 2007.04.28 @ 23:00:44

Job Ticket #: 28104 DST #: 6

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

Raymond Oil Co Inc
Rupp #1



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

ATTN: Bill Raymond

Job Ticket: 28104

DST#: 6

Test Start: 2007.04.28 @ 15:00:44

GENERAL INFORMATION:

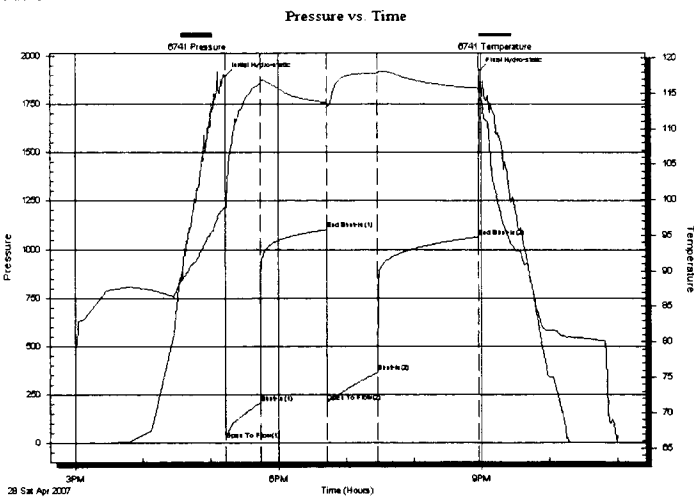
Formation: **Cong Sd/Chert**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:13:54
 Time Test Ended: 23:00:44
 Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 38
 Interval: **3797.00 ft (KB) To 3823.00 ft (KB) (TVD)**
 Reference Elevations: 2186.00 ft (KB)
 Total Depth: 3823.00 ft (KB) (TVD)
 2181.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 365.00 psig @ 3798.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.04.28 End Date: 2007.04.28 Last Calib.: 2007.04.28
 Start Time: 15:00:46 End Time: 23:00:44 Time On Btm: 2007.04.28 @ 17:13:44
 Time Off Btm: 2007.04.28 @ 20:58:29

TEST COMMENT: IF Strong B-B in 10 min
 FF Strong B-B in 15 min



PRESSURE SUMMARY

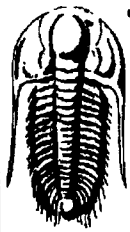
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.35	99.01	Initial Hydro-static
1	17.53	98.39	Open To Flow (1)
31	206.54	116.39	Shut-In(1)
89	1100.95	113.72	End Shut-In(1)
89	209.25	113.42	Open To Flow (2)
135	365.00	117.89	Shut-In(2)
224	1064.30	115.69	End Shut-In(2)
225	1921.40	114.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
900.00	Mdy Wtr 60%W 40%M w/scum of Oil	10.94

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 28104

DST#: 6

ATTN: Bill Raymond

Test Start: 2007.04.28 @ 15:00:44

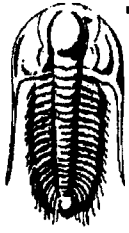
Tool Information

Drill Pipe:	Length: 3598.00 ft	Diameter: 3.80 inches	Volume: 50.47 bbl	Tool Weight: 2300.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 51.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3797.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3779.00	
Hydraulic tool	5.00			3784.00	
Safety Joint	3.00			3787.00	
Packer	5.00			3792.00	23.00 Bottom Of Top Packer
Packer	5.00			3797.00	
Stubb	1.00			3798.00	
Recorder	0.00	6741	Inside	3798.00	
Perforations	22.00			3820.00	
Recorder	0.00	13254	Outside	3820.00	
Bullnose	3.00			3823.00	26.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Rupp #1 "A"

PO Box 48788
Wichita KS 67201

29 12 19W Ellis KS

Job Ticket: 28104

DST#: 6

ATTN: Bill Raymond

Test Start: 2007.04.28 @ 15:00:44

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:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
900.00	Mdy Wtr 60%W 40%M w/scum of Oil	10.939

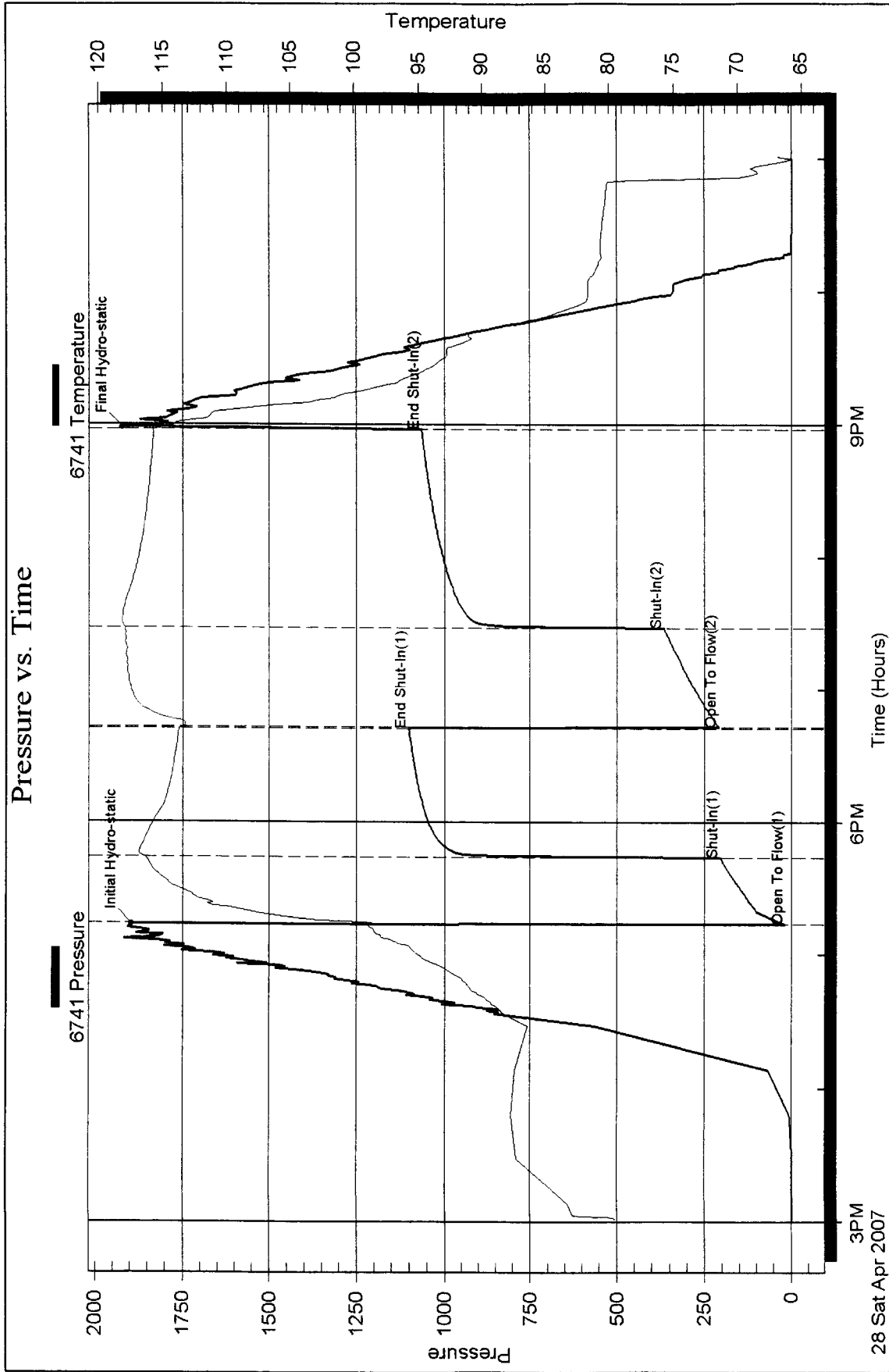
Total Length: 900.00 ft Total Volume: 10.939 bbl

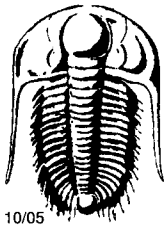
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25858

10089

Test Ticket

Well Name & No. Rupp #1 "A" Test No. 1 Date 4-25-07
 Company Raymond Oil Co. Inc Zone Tested Lansing
 Address P.O. Box 48788 Wichita, Kansas 67201 Elevation 2186 KB 2181 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 29 Twp. 125 Rge. 19W Co. Ellis State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 3474-3547 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 73 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3469 Tool Weight 2300
 Bottom Packer Depth 3474 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3547 Wt. Pipe Run 0 Drill Collar Run 186
 Mud Wt. 8.8 LCM 2nd Vis. 56 WL 7.2 Drill Pipe Size 4 1/8" XH Ft. Run 3288

Blow Description IF: Weak blow. Built to 3"
IST: Very weak surface blow. Dead in 10 mins.
FF: Weak blow. Built to 3"
FST: No blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>190</u>	<u>0</u>	<u>186</u>	<u>4</u>
Rec. <u>190</u> Feet of <u>HWCM</u>	%gas	%oil	<u>50</u> %water <u>50</u> %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 105 °F Gravity N/C °API D @ _____ °F Corrected Gravity _____ °API
 RW 366 @ 52 °F Chlorides 24,000 ppm Recovery _____ Chlorides 6,800 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1757</u> PSI	<u>6798</u>	<input checked="" type="checkbox"/> 1100
(B) First Initial Flow Pressure	<u>25</u> PSI	(depth) <u>3483</u>	Jars _____
(C) First Final Flow Pressure	<u>53</u> PSI	Recorder No. <u>13249</u>	Safety Jt. <input checked="" type="checkbox"/> <u>75</u>
(D) Initial Shut-In Pressure	<u>1161</u> PSI	(depth) <u>3544</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>56</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>109</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1144</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1704</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>75</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <input checked="" type="checkbox"/> <u>24</u> <u>30</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 Rocky Milford
 Our Representative Jerry Adams

Thank You. T-Open 0308
 T-Pulled 0725
 T-Out 0946
 Sub Total: 7205
 Std. By 125 125
 Acc. Chg: _____
 Other: \$1330
 Total: _____

CHART PAGE

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

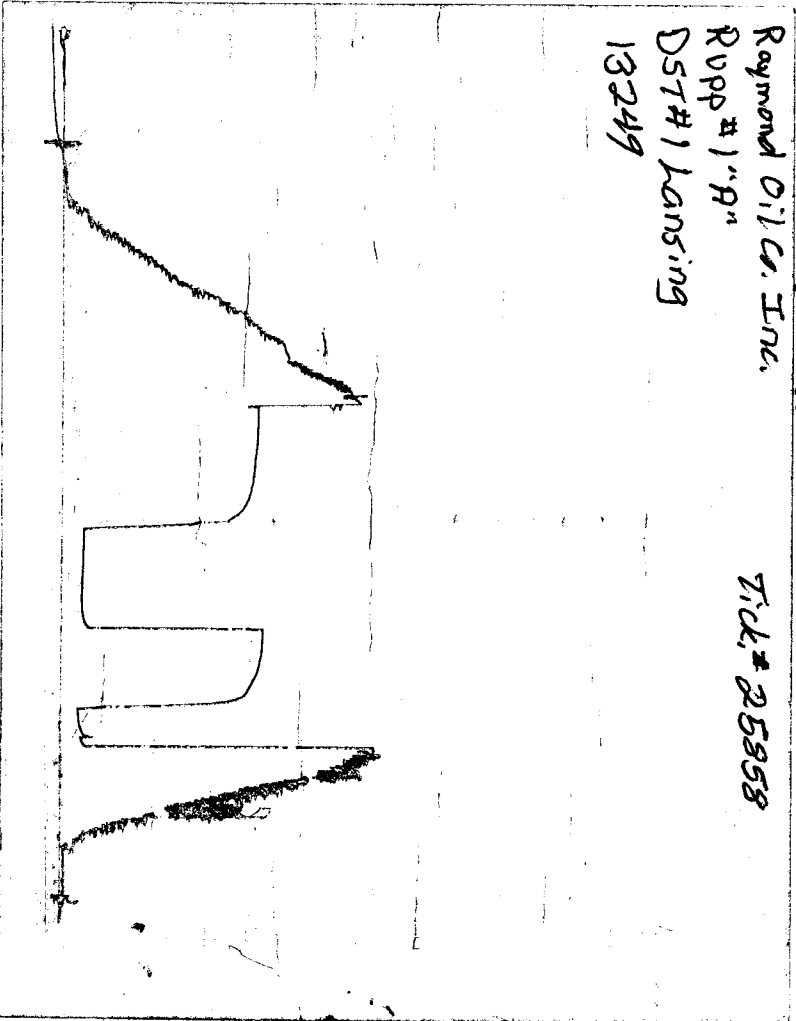
Raymond Oil Co. Inc.

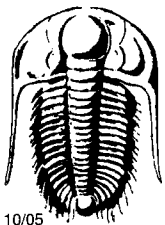
Tick # 25858

Rvpp # 1 "P"

DST # 1 Lansing

13249





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25859

Test Ticket

Well Name & No. Rupp #1 "A" Test No. 2 Date 4-25-07
 Company Raymond Oil Co. Inc. Zone Tested Lansing 70' + 90' zones
 Address P.O. Box 48788 Wichita, Kansas 67201 Elevation 2186 KB 2181 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 29 Twp. 12s Rge. 19W Co. Ellis State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 3551-3581 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 30 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3546 Tool Weight 2,100
 Bottom Packer Depth 3551 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3581 Wt. Pipe Run 0 Drill Collar Run 186
 Mud Wt. 9.2 LCM 2⁺ Vis. 59 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 3351

Blow Description IF: Weak blow. Built to 2 1/2"
ISI: Very weak surface blow. Dead in 7 mins.
FF: Weak blow. Built to 1/2"
FSI: No blow.

Recovery - Total Feet 75 GIP 0 Ft. in DC 75 Ft. in DP 0
 Rec. 75 Feet of H/WCM %gas _____ %oil 50 %water 50 %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 104 °F Gravity N/C °API D @ _____ °F Corrected Gravity _____ °API
 RW 440 @ 50.5 °F Chlorides 21,000 ppm Recovery _____ Chlorides 6,900 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1804</u>	PSI	<u>6798</u>	<u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>20</u>	PSI	(depth) <u>3552</u>	Jars _____
(C) First Final Flow Pressure	<u>32</u>	PSI	Recorder No. <u>13249</u>	Safety Jt. <u>✓</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>1029</u>	PSI	(depth) <u>3578</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>34</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>48</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>966</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1709</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>90</u>	Mileage <u>✓</u> <u>30</u>
			T-On Location <u>1800</u>	Sub Total: <u>1205</u>
			T-Started <u>1823</u>	Std. By _____
			T-Open <u>2108</u>	Acc. Chg: _____
			T-Pulled <u>2454</u>	Other: _____
			T-Out <u>0310</u>	Total: _____

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Approved By Rocky Milford
 Our Representative Rocky Adams

Thank you.

CHART PAGE

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

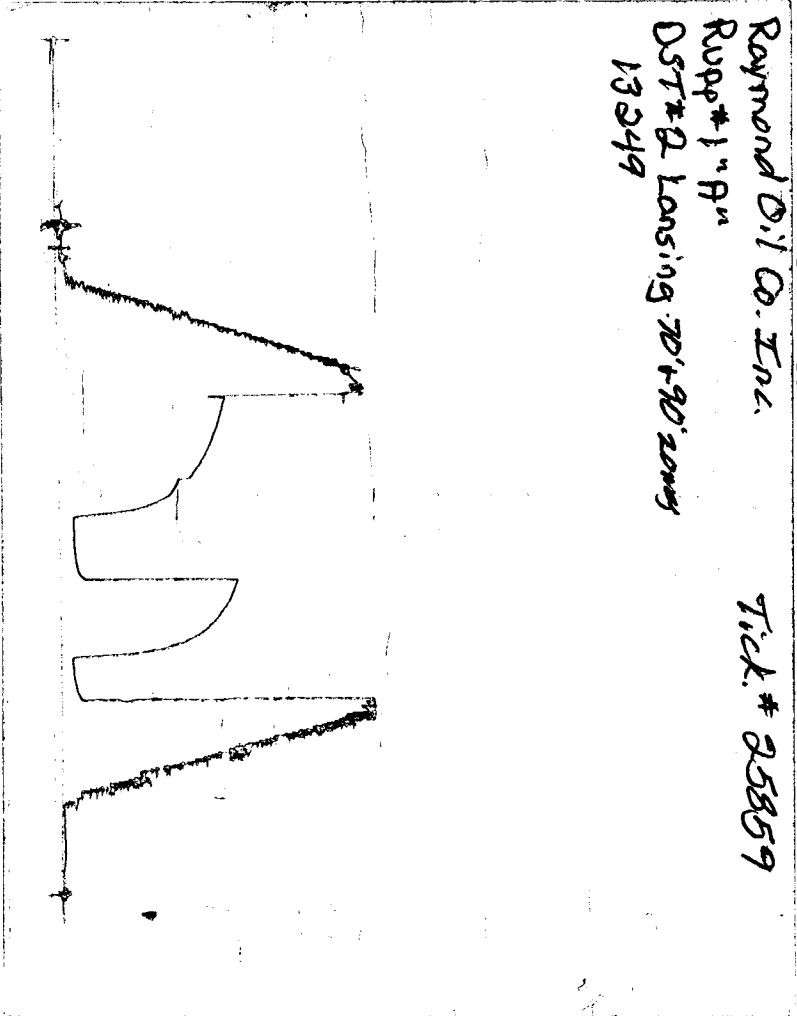
Raymond Oil Co. Inc.

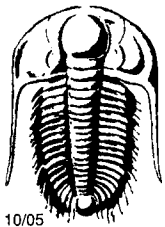
Tick # 25859

Rupp # 1st P^m

DST # 2 Lansing 70' + 90' zone

13249





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25860

Test Ticket

Well Name & No. Rupp #1 "A" Test No. 3 Date 4-26-07
 Company Raymond Oil Co. Inc. Zone Tested Lans. 140' + 160' zones
 Address P.O. Box 48788 Wichita, Kansas 67201 Elevation 2186 KB 2181 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin # 8
 Location: Sec. 29 Twp. 12s Rge. 19w Co. Ellis State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 3611-3657 Initial Str Wt./Lbs. 39,000 Unseated Str Wt./Lbs. 39,000
 Anchor Length 46 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3606 Tool Weight 2,100
 Bottom Packer Depth 3611 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3657 Wt. Pipe Run 0 Drill Collar Run 186
 Mud Wt. 9.1 LCM 2nd Vis. 54 WL 8.4 Drill Pipe Size 4 1/2" XH Ft. Run 3412

Blow Description IF: Weak blow. Built to 1/4"
IST: No blow.
FF: No blow.
FST: No blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>5</u>	<u>0</u>	<u>5</u>	<u>0</u>

Rec.	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Drilling Mud w/oil specks</u>			<u>100</u>	
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 103 °F Gravity NIC °API D @ _____ °F Corrected Gravity _____ °API
 RW NIC @ _____ °F Chlorides 7,300 ppm Recovery _____ Chlorides 7,300 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1856</u>	PSI	<u>6798</u>	<input checked="" type="checkbox"/> <u>110C</u>
(B) First Initial Flow Pressure	<u>22</u>	PSI	(depth) <u>3617</u>	Jars _____
(C) First Final Flow Pressure	<u>26</u>	PSI	Recorder No. <u>13249</u>	Safety Jt. <input checked="" type="checkbox"/> <u>95</u>
(D) Initial Shut-In Pressure	<u>775</u>	PSI	(depth) <u>3654</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>23</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>26</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>692</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1754</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By Jerry Milford
 Our Representative Jerry Adams

Final Flow	<u>45</u>
Final Shut-In	<u>90</u>
T-On Location	<u>1300</u>
T-Started	<u>1317</u>
T-Open	<u>1532</u>
T-Pulled	<u>1915</u>
T-Out	<u>2106</u>
Mileage	<input checked="" type="checkbox"/> <u>30</u>
Sub Total:	<u>1205</u>
Std. By	_____
Acc. Chg:	_____
Other:	_____
Total:	_____

Thank You.

CHART PAGE

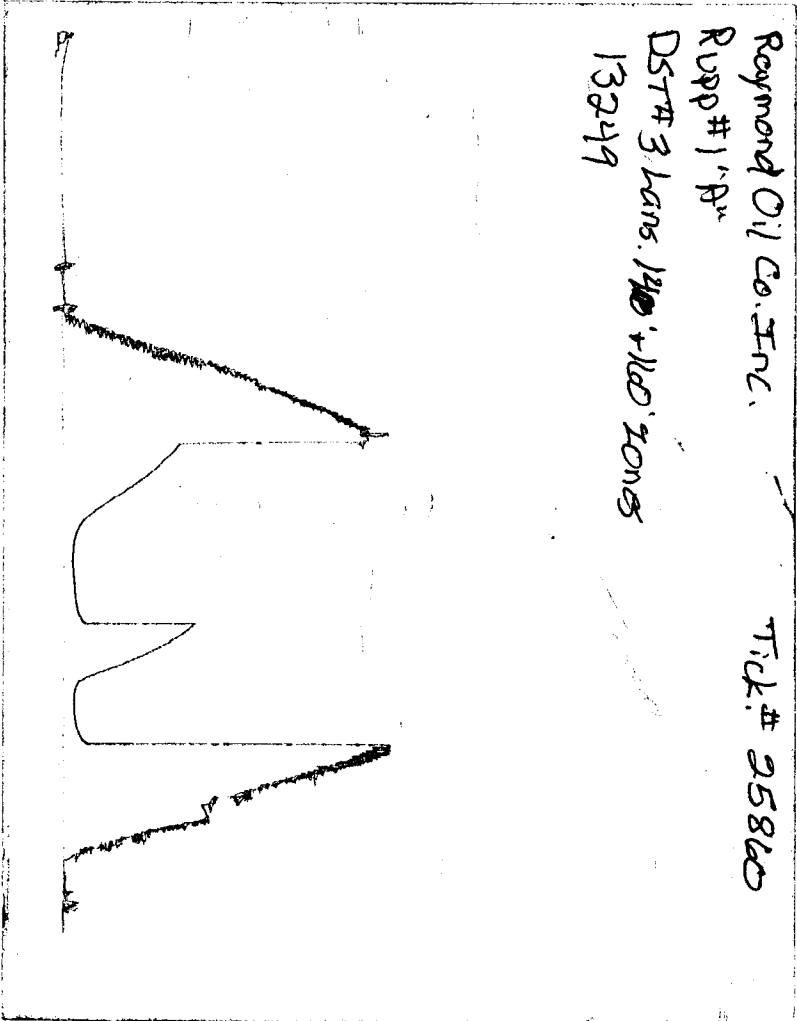
This is a photocopy of the actual AK-1 recorder chart.

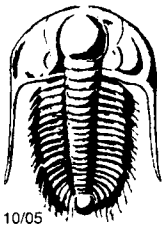
Raymond Oil Co. Inc.

TICK # 25860

RUPP # 1 "A"

DST # 3 LANS. 140' + 1100' ZONES
13249





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28102

10089

Test Ticket

Well Name & No. Rupp 1-A Test No. 4 Date 4-27-07
 Company Raymond Oil Co. Zone Tested KC K-L
 Address _____ Elevation 2186 KB 2181 GL _____
 Co. Rep / Geo. Rocky Milford Rig Murfin #8
 Location: Sec. 25 Twp. 12 Rge. 19 Co. Ellis State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3679 ————— 3726 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length 47 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 3674 Tool Weight 2000
 Bottom Packer Depth 3679 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3726 Wt. Pipe Run _____ Drill Collar Run 185
 Mud Wt. 9.3 LCM _____ Vis. 50 WL 8.4 Drill Pipe Size 4.5XH Ft. Run 3497
 Blow Description F.F. Weak-building to 1 3/4

F.F. Weak-building to 3/4 "

Recovery - Total Feet 245 GIP _____ Ft. in DC 185 Ft. in DP 60
 Rec. 90 Feet of CO %gas _____ %oil _____ %water _____ %mud _____
 Rec. 155 Feet of HOCM %gas 30 %oil _____ %water 70 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity 30 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7100 ppm System _____

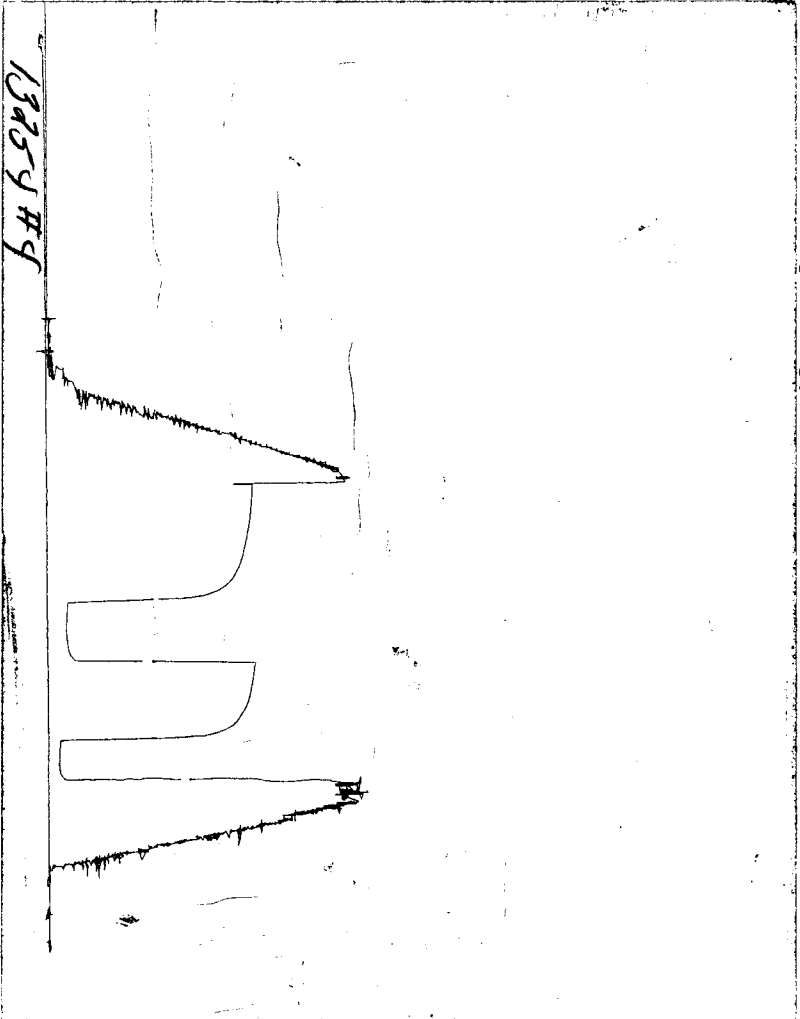
(A) Initial Hydrostatic Mud	AK-1	Alpine	1878	PSI	Recorder No.	6241	Test	1100
(B) First Initial Flow Pressure			13	PSI	(depth)	3682	Jars	
(C) First Final Flow Pressure			69	PSI	Recorder No.	1325-4	Safety Jt. X	75
(D) Initial Shut-In Pressure			1263	PSI	(depth)	3712	Circ Sub	
(E) Second Initial Flow Pressure			75	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			106	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1246	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud			1802	PSI	Initial Shut-In	60	Shale Packer	
					Final Flow	45	Ruined Packer	
					Final Shut-In	90	Mileage	24 RT 30
					T-On Location	06:15	Sub Total:	1205
					T-Started	07:07	Std. By	
					T-Open	09:15	Acc. Chg:	
					T-Pulled	13:00	Other:	
					T-Out	15:06	Total:	

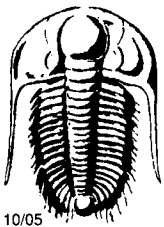
Approved By Rocky Milford
 Our Representative Dan Bangle

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.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28103

Test Ticket

Well Name & No. Rupp 1-A Test No. 5 Date 4-27-07
 Company Raymond Oil Co. Zone Tested Conq
 Address _____ Elevation 2186 KB 2181 GL _____
 Co. Rep / Geo. Rocky Milford Rig Merfin #8
 Location: Sec. 25 Twp. 12 Rge. 19 Co. Ellis State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3795 ————— 3765 Initial Str Wt./Lbs. 49000 Unseated Str Wt./Lbs. 49000
 Anchor Length _____ 30' Wt. Set Lbs. 29000 Wt. Pulled Loose/Lbs. 46000
 Top Packer Depth _____ 3760 Tool Weight 2000
 Bottom Packer Depth _____ 3765 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 3785 Wt. Pipe Run _____ Drill Collar Run 185
 Mud Wt. 9.3 LCM _____ Vis. 50 WL 8.4 Drill Pipe Size 4.5x14 Ft. Run 3567
 Blow Description I.F. weak building to 44" died in 25 min.

F.F. No blow

Recovery - Total Feet 60 GIP _____ Ft. in DC 60 Ft. in DP _____
 Rec. 5 Feet of Heavy Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 55 Feet of Silty OCM %gas 3 %oil _____ %water 97 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 106 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7200 ppm System

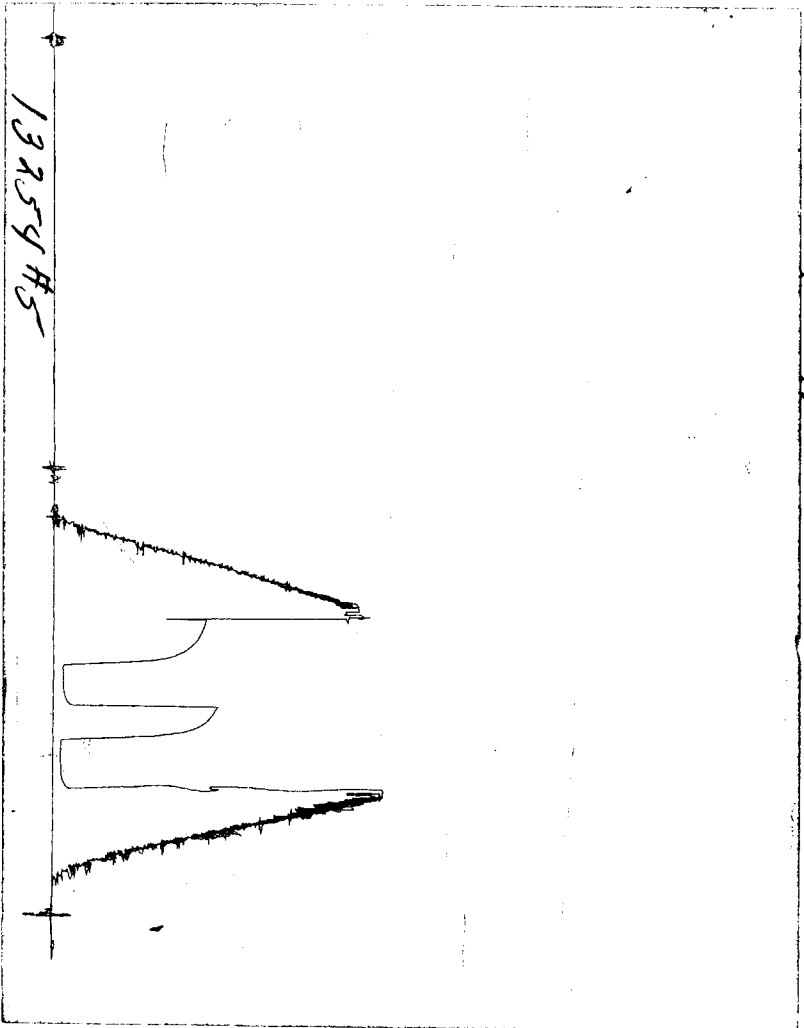
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1967</u> PSI	<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>14</u> PSI	(depth) <u>3766</u>	Jars _____
(C) First Final Flow Pressure		<u>26</u> PSI	Recorder No. <u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure		<u>1617</u> PSI	(depth) <u>3792</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>30</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>37</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>940</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1836</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>24 RT</u> <u>30</u>
			T-On Location <u>23:15</u>	Sub Total: <u>1205</u>
			T-Started <u>23:50</u>	Std. By _____
			T-Open <u>01:50</u>	Acc. Chg: _____
			T-Pulled <u>03:50</u>	Other: _____
			T-Out <u>05:53</u>	Total: _____

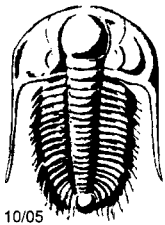
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Approved By Rocky Milford
 Our Representative Dave Rangle

CHART PAGE

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TRILOBITE TESTING INC.

28104

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Rupp 1-A Test No. 6 Date 4-28-07
 Company Raymond Oil Co. Zone Tested Coag Sd/Chert
 Address _____ Elevation 2186 KB 2181 GL _____
 Co. Rep / Geo. Rocky Milford Rig Murphy #8
 Location: Sec. 25 Twp. 12 Rge. 19 Co. Ellis State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3797 ————— 3823 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 42000
 Anchor Length 26 Wt. Set Lbs. 29000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 3792 Tool Weight 2000
 Bottom Packer Depth 3797 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3823 Wt. Pipe Run _____ Drill Collar Run 185
 Mud Wt. 9.2 LCM _____ Vis. 5.5 WL 8 Drill Pipe Size 4.5 XH Ft. Run 3598
 Blow Description I.F. Strong B-B in 10 min.

E.F. Strong B-B in 15 min.

Recovery - Total Feet 900 GIP _____ Ft. in DC 185 Ft. in DP 715
 Rec. 900 Feet of Mdy wtr %gas _____ %oil 60 %water 40 %mud _____
 Rec. _____ Feet of seum of oil %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 115 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .23 @ 80 °F Chlorides 25000 ppm Recovery _____ Chlorides 7400 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1968</u>	PSI	Recorder No.	<u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure	<u>17</u>	PSI	(depth)	<u>3798</u>	Jars _____
(C) First Final Flow Pressure	<u>206</u>	PSI	Recorder No.	<u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>1100</u>	PSI	(depth)	<u>3820</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>209</u>	PSI	Recorder No.	_____	Sampler _____
(F) Second Final Flow Pressure	<u>365</u>	PSI	(depth)	_____	Straddle _____
(G) Final Shut-In Pressure	<u>1064</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1921</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer _____

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Approved By Rocky Milford
 Our Representative Dan Rangle

Final Flow	<u>45</u>	Ruined Packer _____
Final Shut-In	<u>90</u>	Mileage <u>24 RT</u> <u>30</u>
T-On Location	<u>14:15</u>	Sub Total: <u>1205</u>
T-Started	<u>15:00</u>	Std. By _____
T-Open	<u>17:13</u>	Acc. Chg: _____
T-Pulled	<u>20:58</u>	Other: _____
T-Out	<u>23:00</u>	Total: _____

CHART PAGE

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

