

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.01 @ 16:48:22

End Date: 2007.11.02 @ 00:44:42

Job Ticket #: 29712 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

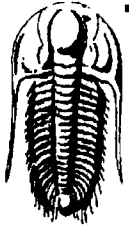
Munsell B #1

5 17 29W Lane KS

DST # 1

Lans/KC

2007.11.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

ATTN: Kim Shoemaker

Job Ticket: 29712

DST#: 1

Test Start: 2007.11.01 @ 16:48:22

GENERAL INFORMATION:

Formation: **Lans./ KC**

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

Time Tool Opened: 19:43:12

Time Test Ended: 00:44:42

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **25**

Interval: **4100.00 ft (KB) To 4205.00 ft (KB) (TVD)**

Reference Elevations: **2822.00 ft (KB)**

Total Depth: **4205.00 ft (KB) (TVD)**

2817.00 ft (CF)

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

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

Serial #: 6769 **Inside**

Press@RunDepth: **47.99 psig @ 4101.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.11.01**

End Date:

2007.11.02

Last Calib.: **2007.11.01**

Start Time: **16:48:22**

End Time:

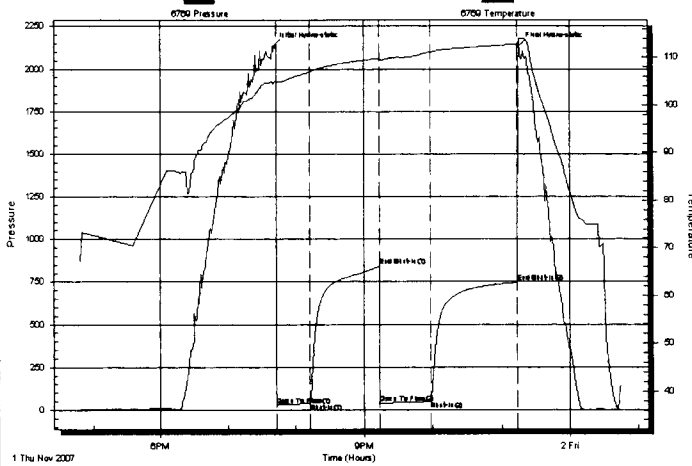
00:44:42

Time On Btm: **2007.11.01 @ 19:40:57**

Time Off Btm: **2007.11.01 @ 23:15:12**

TEST COMMENT: IF Built to 2 1/4 "
IS No return
FF Built 1/2 "
FS No return

Pressure vs. Time



PRESSURE SUMMARY

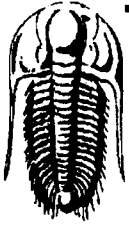
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.61	104.37	Initial Hydro-static
3	30.45	104.57	Open To Flow (1)
32	38.19	106.90	Shut-In(1)
93	841.28	109.79	End Shut-In(1)
93	38.19	109.38	Open To Flow (2)
138	47.99	111.09	Shut-In(2)
214	746.00	112.80	End Shut-In(2)
215	2132.48	113.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	100%M	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29712

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2007.11.01 @ 16:48:22

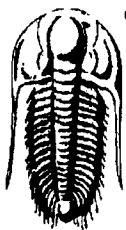
Tool Information

Drill Pipe:	Length: 4092.00 ft	Diameter: 3.80 inches	Volume: 57.40 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 57.40 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4100.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	128.00 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			4078.00	
Shut In Tool	5.00			4083.00	
Hydraulic tool	5.00			4088.00	
Safety Joint	3.00			4091.00	
Packer	5.00			4096.00	23.00 Bottom Of Top Packer
Packer	4.00			4100.00	
Stubb	1.00			4101.00	
Recorder	0.00	6769	Inside	4101.00	
Perforations	4.00			4105.00	
Change Over Sub	1.00			4106.00	
Drill Pipe	93.00			4199.00	
Change Over Sub	1.00			4200.00	
Recorder	0.00	2607	Inside	4200.00	
Bullnose	5.00			4205.00	105.00 Bottom Packers & Anchor

Total Tool Length: 128.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29712

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2007.11.01 @ 16:48:22

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.71 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	100%M	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

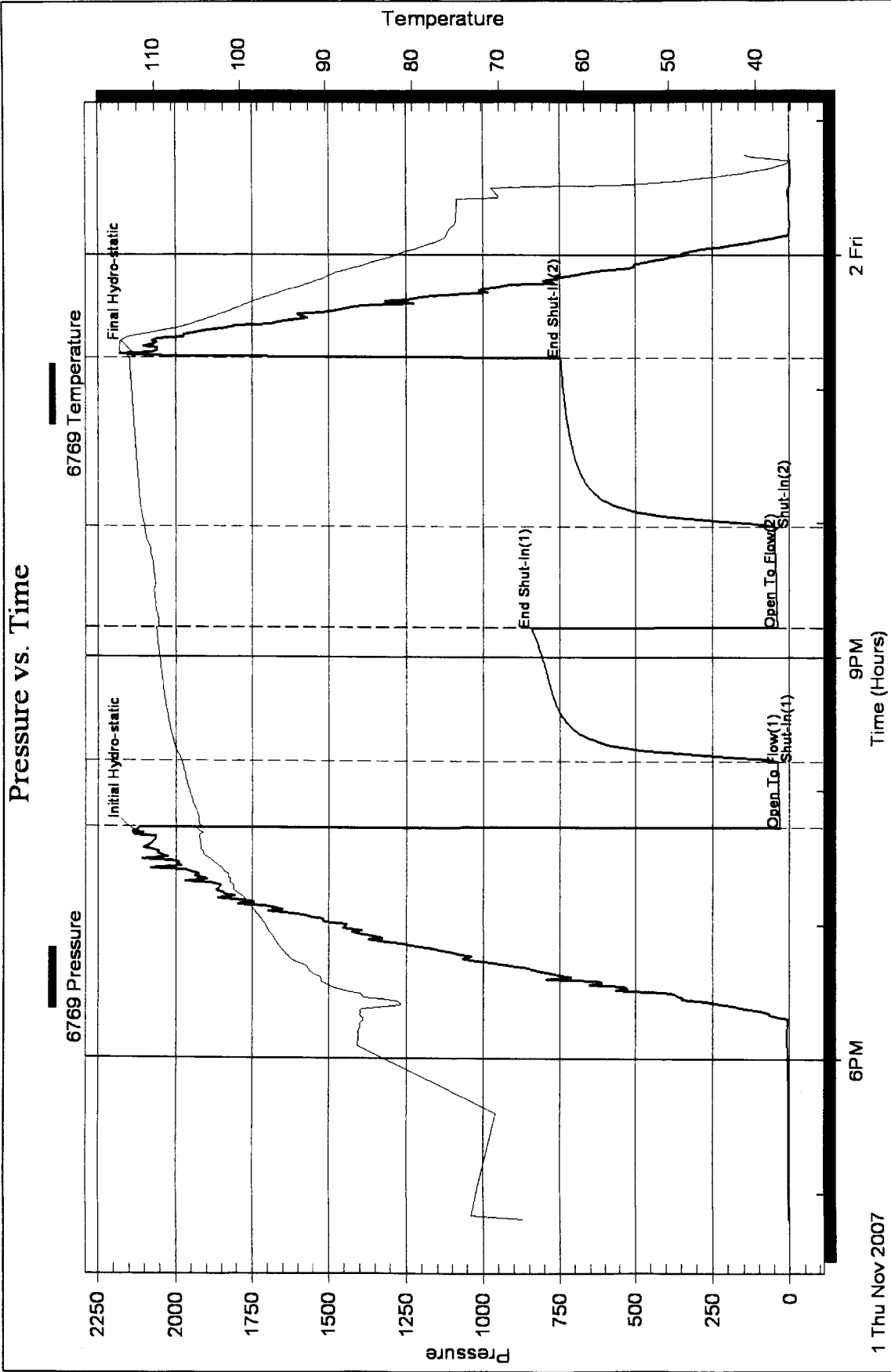
Serial #:

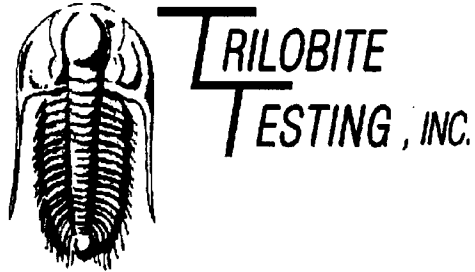
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.02 @ 08:08:55

End Date: 2007.11.02 @ 15:38:20

Job Ticket #: 29713 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

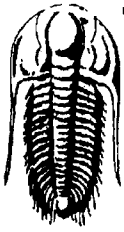
Munsell B #1

5 17 29W Lane KS

DST # 2

Lans./KC "K"

2007.11.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co Inc

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

Munsell B #1

5 17 29W Lane KS

Job Ticket: 29713

DST#: 2

Test Start: 2007.11.02 @ 08:08:55

GENERAL INFORMATION:

Formation: **Lans./KC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:00:10

Time Test Ended: 15:38:20

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4198.00 ft (KB) To 4223.00 ft (KB) (TVD)**

Total Depth: 4223.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2822.00 ft (KB)

2817.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6769 Inside

Press@RunDepth: 70.12 psig @ 4199.00 ft (KB)

Start Date: 2007.11.02 End Date: 2007.11.02

Start Time: 08:08:55 End Time: 15:38:19

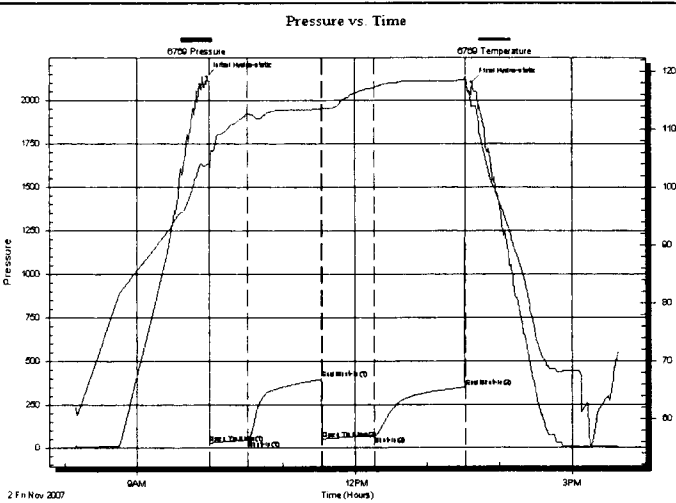
Capacity: 7000.00 psig

Last Calib.: 2007.11.02

Time On Btm: 2007.11.02 @ 09:57:55

Time Off Btm: 2007.11.02 @ 13:37:30

TEST COMMENT: IF BOB in 15 mins
IS Built to 1/2 " died back to 1/4 "
FF BOB in 22 mins.
FS Built to 3 " died back to 2 "



PRESSURE SUMMARY

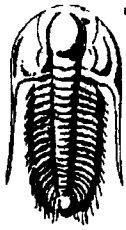
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.59	103.93	Initial Hydro-static
3	26.17	102.89	Open To Flow (1)
34	46.71	112.63	Shut-In(1)
95	398.49	113.43	End Shut-In(1)
95	50.49	113.46	Open To Flow (2)
138	70.12	117.20	Shut-In(2)
215	349.70	118.39	End Shut-In(2)
220	2103.46	113.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 10%O 90%M	0.42
30.00	HOCM 40%O 60%M	0.42
70.00	Clean GCO 7%G 93%O	0.98
0.00	GIP 435	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

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29713

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2007.11.02 @ 08:08:55

Tool Information

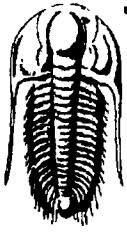
Drill Pipe:	Length: 4185.00 ft	Diameter: 3.80 inches	Volume: 58.70 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4198.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	48.00 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			4176.00	
Shut In Tool	5.00			4181.00	
Hydraulic tool	5.00			4186.00	
Safety Joint	3.00			4189.00	
Packer	5.00			4194.00	23.00 Bottom Of Top Packer
Packer	4.00			4198.00	
Stubb	1.00			4199.00	
Recorder	0.00	6769	Inside	4199.00	
Perforations	19.00			4218.00	
Recorder	0.00	2607	Inside	4218.00	
Bullnose	5.00			4223.00	25.00 Bottom Packers & Anchor

Total Tool Length: 48.00



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FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29713

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2007.11.02 @ 08:08:55

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.92 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 10%O 90%M	0.421
30.00	HOCM 40%O 60%M	0.421
70.00	Clean GCO 7%G 93%O	0.982
0.00	GIP 435	0.000

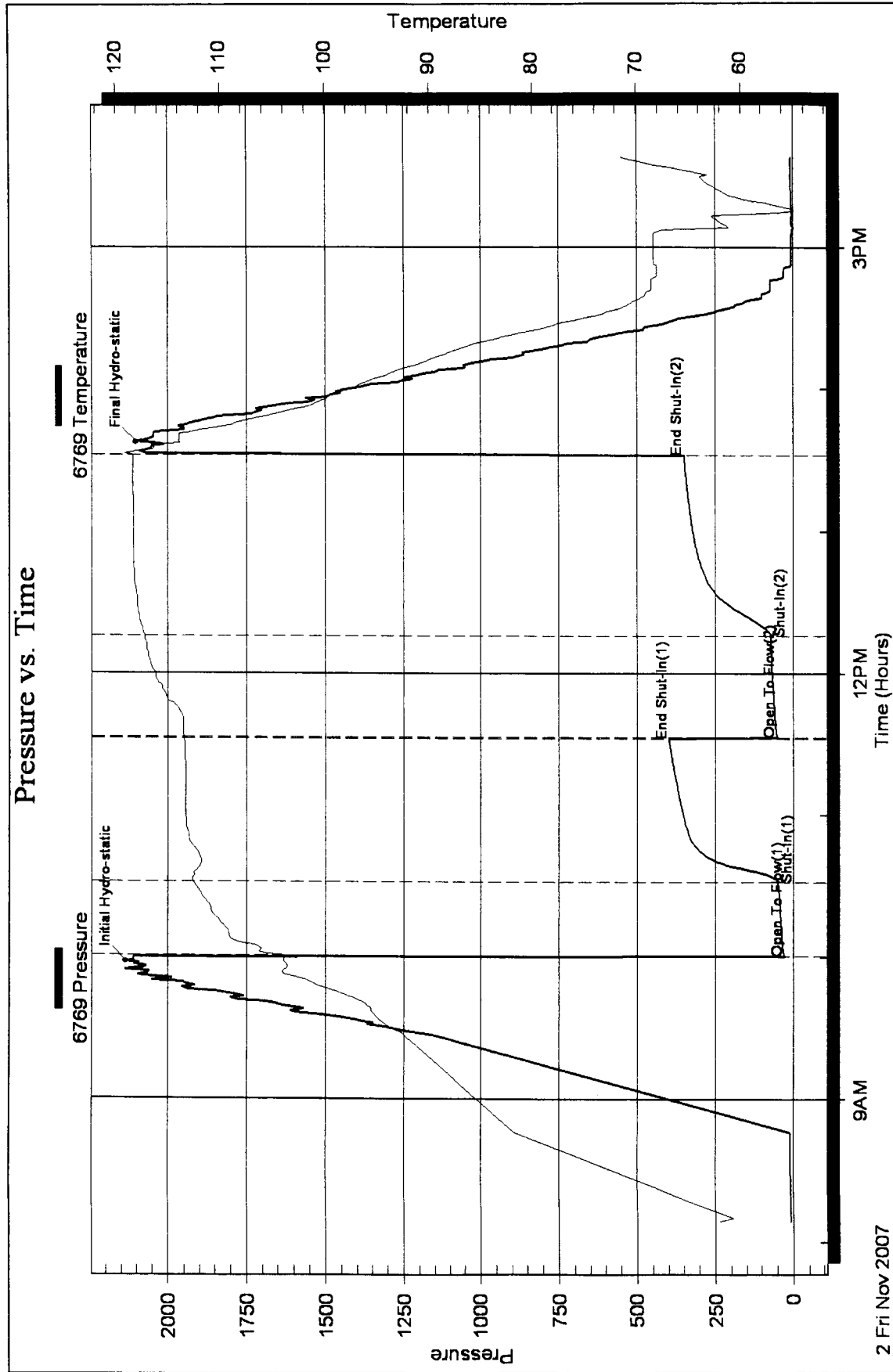
Total Length: 130.00 ft Total Volume: 1.824 bbl

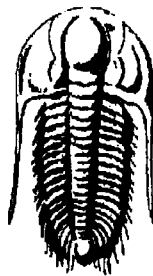
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.02 @ 23:45:53

End Date: 2007.11.03 @ 08:03:38

Job Ticket #: 29714 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

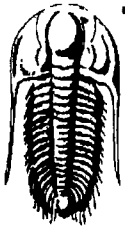
Munsell B #1

5 17 29W Lane KS

DST # 3

Middle Cherokee

2007.11.02



**TRILOBITE
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DRILL STEM TEST REPORT

Raymond Oil Co Inc

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

Munsell B #1

5 17 29W Lane KS

Job Ticket: 29714

DST#: 3

Test Start: 2007.11.02 @ 23:45:53

GENERAL INFORMATION:

Formation: **Middle Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:04:13

Time Test Ended: 08:03:38

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4239.00 ft (KB) To 4254.00 ft (KB) (TVD)**

Total Depth: 4254.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2822.00 ft (KB)

2817.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6769

Inside

Press@RunDepth: 35.17 psig @ 4240.00 ft (KB)

Start Date: 2007.11.02

End Date: 2007.11.03

Start Time: 23:45:53

End Time: 08:03:38

Capacity: 7000.00 psig

Last Calib.: 2007.11.03

Time On Btm: 2007.11.03 @ 02:01:53

Time Off Btm: 2007.11.03 @ 05:51:23

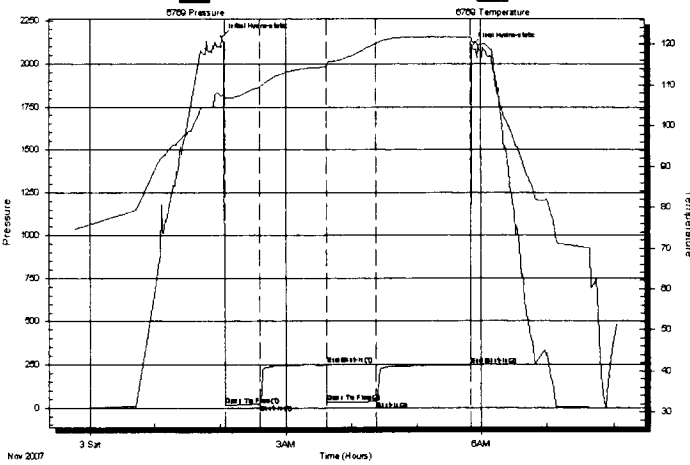
TEST COMMENT: IF Built to 1 1/2 "

IS No return

FF Built to 1/2 inch died back to 1/4 "

FS No return

Pressure vs. Time



PRESSURE SUMMARY

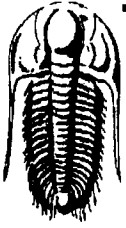
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.88	107.29	Initial Hydro-static
3	13.19	107.14	Open To Flow (1)
35	20.70	109.62	Shut-In(1)
95	248.17	114.43	End Shut-In(1)
96	29.32	114.40	Open To Flow (2)
141	35.17	120.16	Shut-In(2)
229	245.24	121.80	End Shut-In(2)
230	2102.25	120.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	WCM 50%W 50%M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29714

DST#: 3

ATTN: Kim Shoemaker

Test Start: 2007.11.02 @ 23:45:53

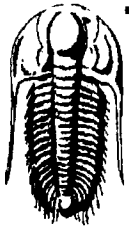
Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		<u>Total Volume:</u>	<u>59.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4239.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 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			4217.00	
Shut In Tool	5.00			4222.00	
Hydraulic tool	5.00			4227.00	
Safety Joint	3.00			4230.00	
Packer	5.00			4235.00	23.00 Bottom Of Top Packer
Packer	4.00			4239.00	
Stubb	1.00			4240.00	
Recorder	0.00	6769	Inside	4240.00	
Perforations	9.00			4249.00	
Recorder	0.00	2607	Inside	4249.00	
Bullnose	5.00			4254.00	15.00 Bottom Packers & Anchor

Total Tool Length: 38.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29714

DST#: 3

ATTN: Kim Shoemaker

Test Start: 2007.11.02 @ 23:45:53

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:	30000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.94 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	WCM 50%W 50%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

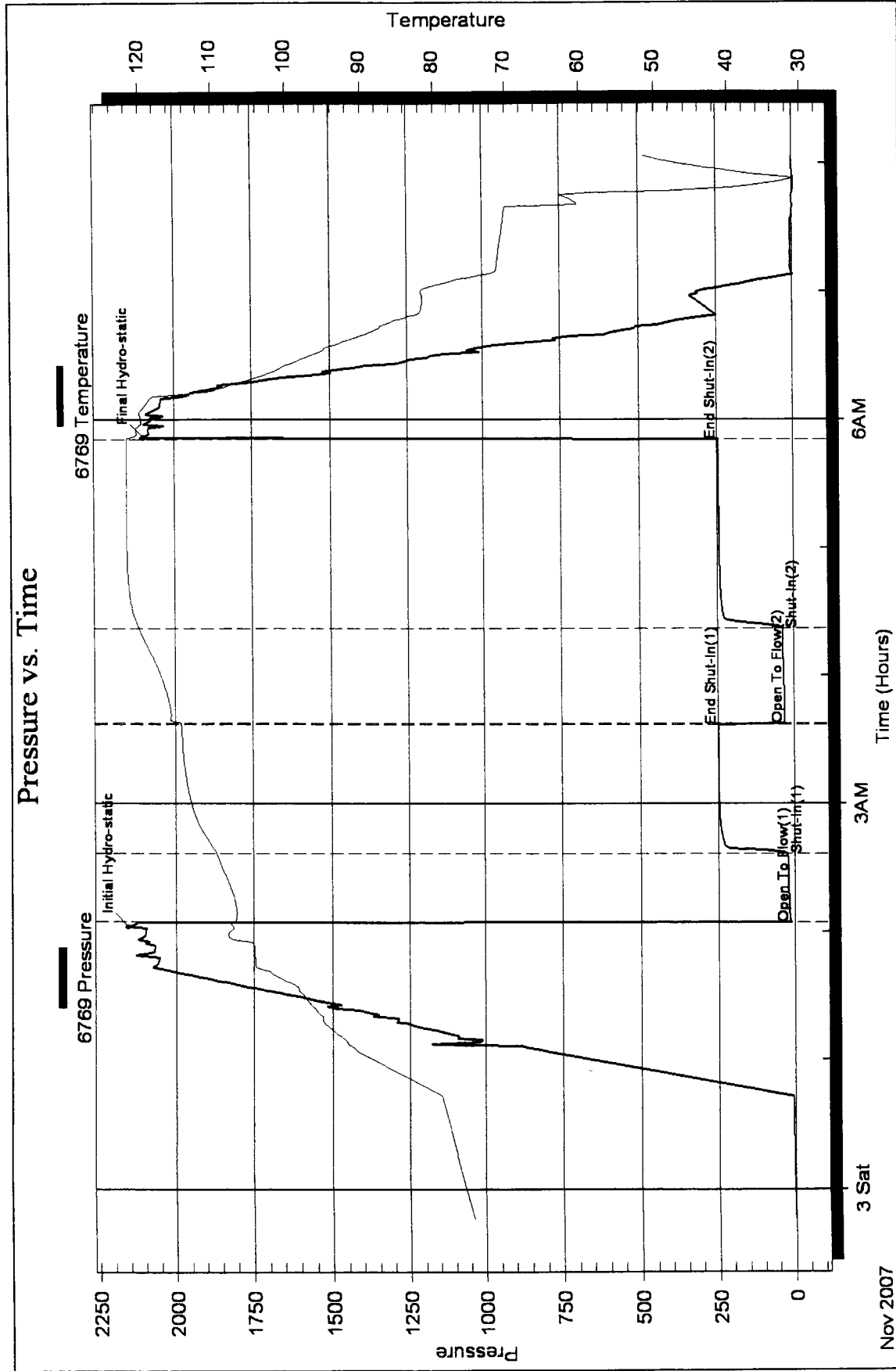
Serial #:

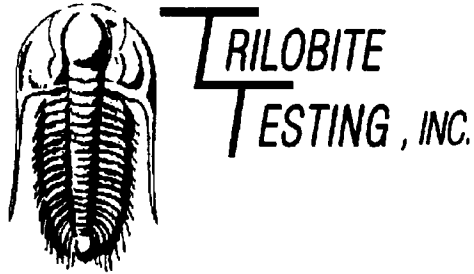
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.04 @ 03:17:55

End Date: 2007.11.04 @ 11:06:15

Job Ticket #: 29715 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

Munsell B #1

5 17 29W Lane KS

DST # 4

Marm./Altamont

2007.11.04



**TRILOBITE
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DRILL STEM TEST REPORT

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

ATTN: Kim Shoemaker

Job Ticket: 29715

DST#: 4

Test Start: 2007.11.04 @ 03:17:55

GENERAL INFORMATION:

Formation: **Marm / Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:58:35

Time Test Ended: 11:06:15

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4282.00 ft (KB) To 4404.00 ft (KB) (TVD)**

Reference Elevations: 2822.00 ft (KB)

Total Depth: 4404.00 ft (KB) (TVD)

2817.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6769 Inside

Press@RunDepth: 421.71 psig @ 4283.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.11.04

End Date: 2007.11.04

Last Calib.: 2007.11.04

Start Time: 03:17:55

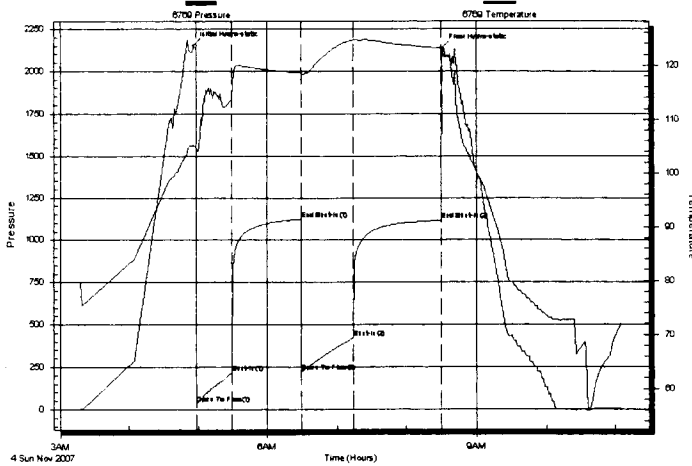
End Time: 11:06:15

Time On Btm: 2007.11.04 @ 04:56:25

Time Off Btm: 2007.11.04 @ 08:30:55

TEST COMMENT: IF BOB in 5 mins.
IS No return.
FF BOB in 8 mins.
FS Built to 1" died back to 1/2"

Pressure vs. Time



PRESSURE SUMMARY

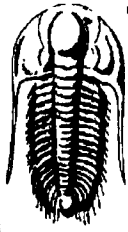
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.64	105.21	Initial Hydro-static
3	33.80	104.36	Open To Flow (1)
33	218.00	113.74	Shut-In(1)
93	1124.35	118.66	End Shut-In(1)
94	222.68	118.31	Open To Flow (2)
138	421.71	124.72	Shut-In(2)
214	1116.81	123.18	End Shut-In(2)
215	2136.67	123.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MCW 80%W 20%M	4.35
310.00	Heavy GOWCM 20%G 10%O 10%W 60%M	4.35
255.00	GOWCM 10%G 15%O 15%W 60%M	3.58
0.00	GIP 175	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

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29715

DST#: 4

ATTN: Kim Shoemaker

Test Start: 2007.11.04 @ 03:17:55

Tool Information

Drill Pipe:	Length: 4280.00 ft	Diameter: 3.80 inches	Volume: 60.04 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4282.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	122.00 ft			
Tool Length:	145.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

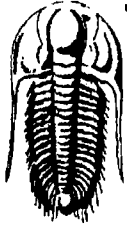
Tool Comments:

Tool Description

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

Change Over Sub	1.00			4260.00	
Shut In Tool	5.00			4265.00	
Hydraulic tool	5.00			4270.00	
Safety Joint	3.00			4273.00	
Packer	5.00			4278.00	23.00 Bottom Of Top Packer
Packer	4.00			4282.00	
Stubb	1.00			4283.00	
Recorder	0.00	6769	Inside	4283.00	
Perforations	20.00			4303.00	
Change Over Sub	1.00			4304.00	
Drill Pipe	94.00			4398.00	
Change Over Sub	1.00			4399.00	
Recorder	0.00	2607	Inside	4399.00	
Bullnose	5.00			4404.00	122.00 Bottom Packers & Anchor

Total Tool Length: 145.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29715

DST#: 4

ATTN: Kim Shoemaker

Test Start: 2007.11.04 @ 03:17:55

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:

62000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	MCW 80%W 20%M	4.348
310.00	Heavy GOWCM 20%G 10%O 10%W 60%M	4.348
255.00	GOWCM 10%G 15%O 15%W 60%M	3.577
0.00	GIP 175	0.000

Total Length: 875.00 ft

Total Volume: 12.273 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

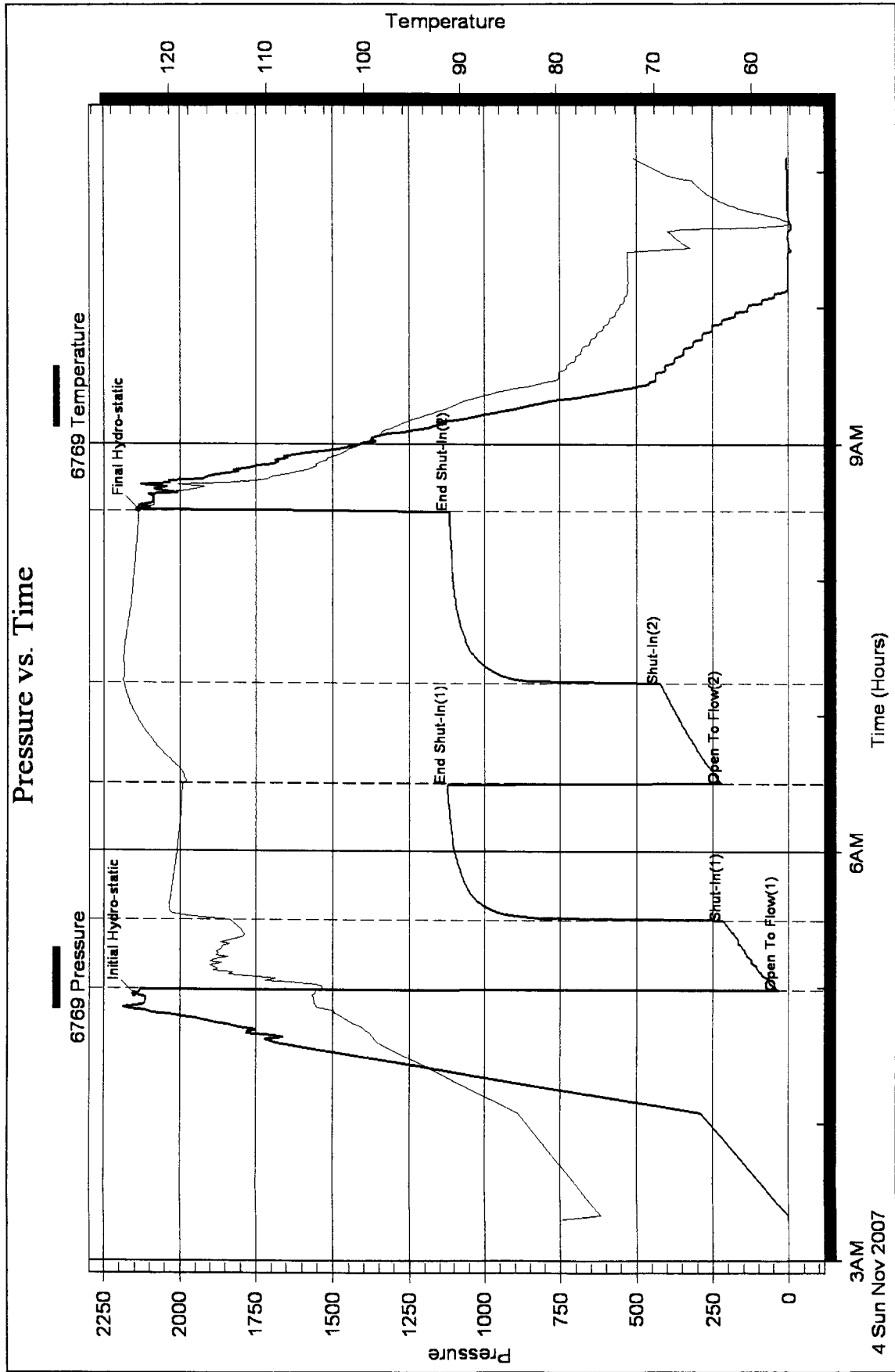
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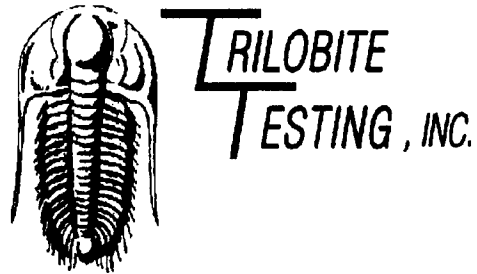
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.04 @ 18:13:41

End Date: 2007.11.05 @ 01:43:16

Job Ticket #: 29716 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

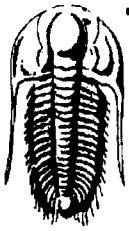
Munsell B #1

5 17 29W Lane KS

DST # 5

Myrick Station

2007.11.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co Inc

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

Munsell B #1

5 17 29W Lane KS

Job Ticket: 29716

DST#: 5

Test Start: 2007.11.04 @ 18:13:41

GENERAL INFORMATION:

Formation: **Myrick Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:09:16

Time Test Ended: 01:43:16

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4416.00 ft (KB) To 4442.00 ft (KB) (TVD)**

Total Depth: 4442.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2822.00 ft (KB)

2817.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6769 Inside

Press@RunDepth: 36.03 psig @ 4417.00 ft (KB)

Start Date: 2007.11.04

End Date:

2007.11.05

Start Time: 18:13:41

End Time:

01:43:16

Capacity: 7000.00 psig

Last Calib.: 2007.11.05

Time On Btm: 2007.11.04 @ 20:06:11

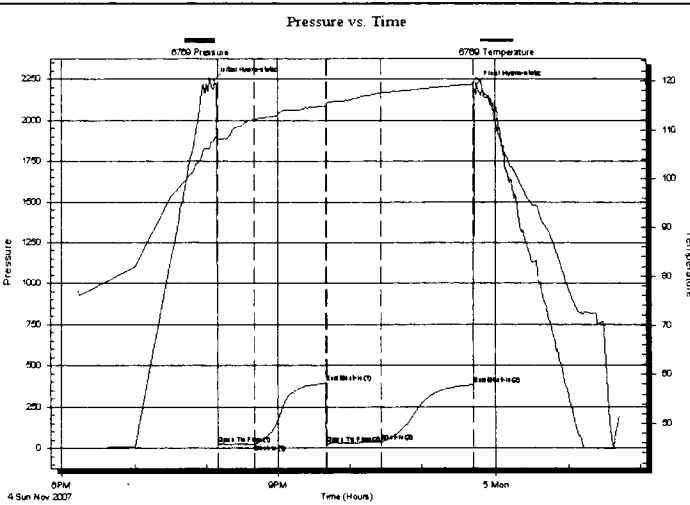
Time Off Btm: 2007.11.04 @ 23:44:31

TEST COMMENT: IF Built to 4 1/2 "

IS No return

FF Built to 8 "

FS No return



PRESSURE SUMMARY

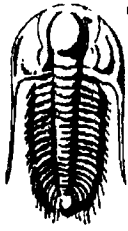
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.81	107.68	Initial Hydro-static
4	22.99	108.20	Open To Flow (1)
34	27.05	112.03	Shut-In(1)
95	394.30	114.91	End Shut-In(1)
95	25.86	115.15	Open To Flow (2)
141	36.03	117.49	Shut-In(2)
216	384.09	119.30	End Shut-In(2)
219	2216.20	120.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 5%O 95%M	0.56
0.00	GIP 85 ft	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

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29716

DST#: 5

ATTN: Kim Shoemaker

Test Start: 2007.11.04 @ 18:13:41

Tool Information

Drill Pipe:	Length: 4405.00 ft	Diameter: 3.80 inches	Volume: 61.79 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4416.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	54.00 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			4389.00	
Shut In Tool	5.00			4394.00	
Hydraulic tool	5.00			4399.00	
Jars	5.00			4404.00	
Safety Joint	3.00			4407.00	
Packer	5.00			4412.00	28.00 Bottom Of Top Packer
Packer	4.00			4416.00	
Stubb	1.00			4417.00	
Recorder	0.00	6769	Inside	4417.00	
Perforations	20.00			4437.00	
Recorder	0.00	2607	Inside	4437.00	
Bullnose	5.00			4442.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29716

DST#: 5

ATTN: Kim Shoemaker

Test Start: 2007.11.04 @ 18:13:41

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OCM 5%O 95%M	0.561
0.00	GIP 85 ft	0.000

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

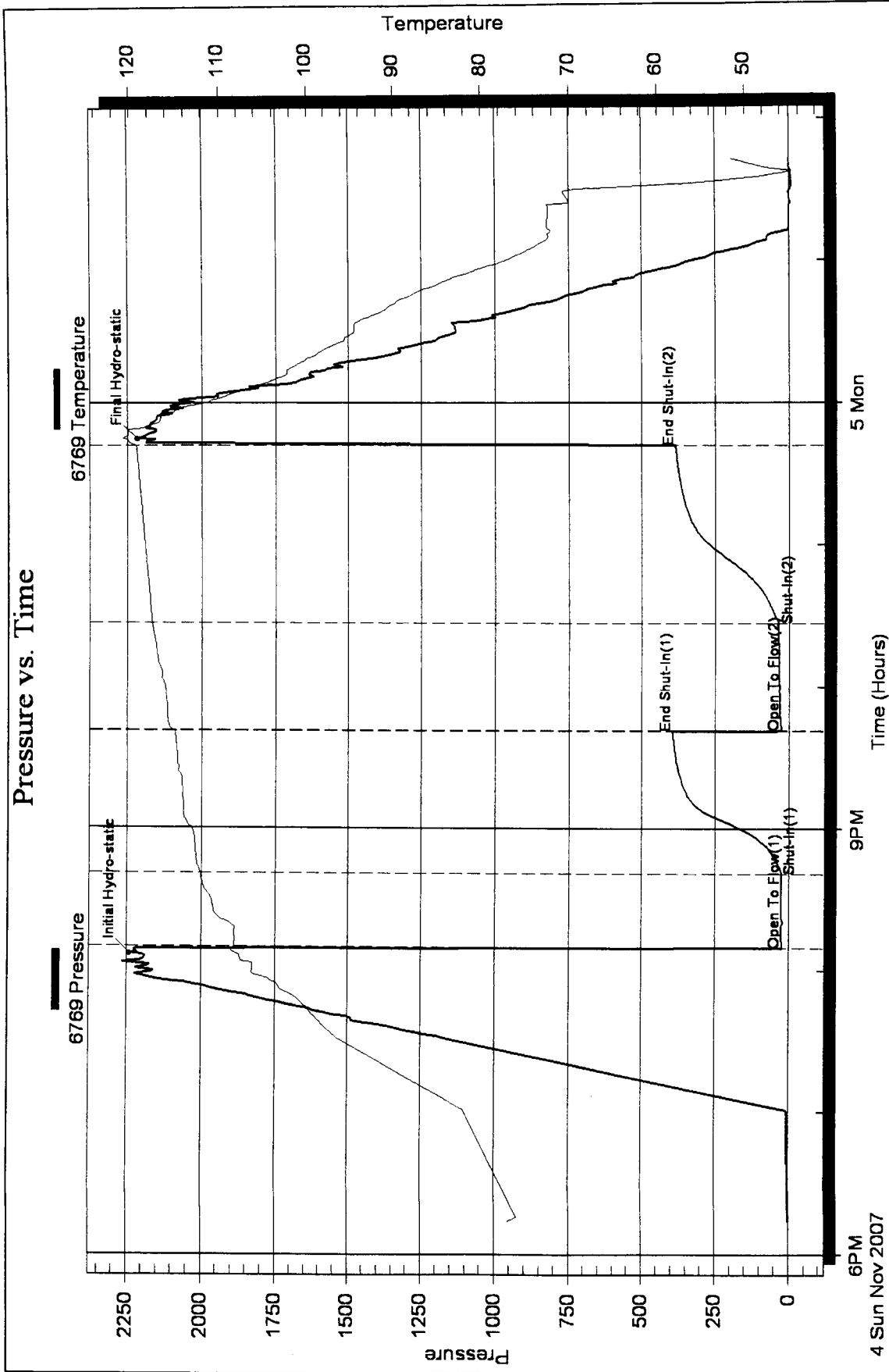
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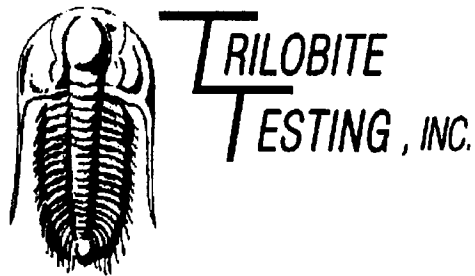
Raymond Oil Co Inc

5 17 29W Lane KS

DST Test Number: 5

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co Inc**

PO Box 48788
Wichita KS 67202

ATTN: Kim Shoemaker

5 17 29W Lane KS

Munsell B #1

Start Date: 2007.11.05 @ 15:14:03

End Date: 2007.11.06 @ 00:39:07

Job Ticket #: 29717 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raymond Oil Co Inc

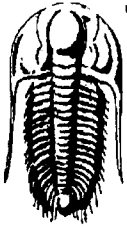
Munsell B #1

5 17 29W Lane KS

DST # 6

Cherokee/Johnson

2007.11.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29717

DST#: 6

ATTN: Kim Shoemaker

Test Start: 2007.11.05 @ 15:14:03

GENERAL INFORMATION:

Formation: **Cherokees/Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:10:28

Time Test Ended: 00:39:07

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4440.00 ft (KB) To 4527.00 ft (KB) (TVD)**

Reference Elevations: 2822.00 ft (KB)

Total Depth: 4527.00 ft (KB) (TVD)

2817.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6769 Inside

Press@RunDepth: 585.28 psig @ 4441.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.11.05

End Date: 2007.11.06

Last Calib.: 2007.11.06

Start Time: 15:14:03

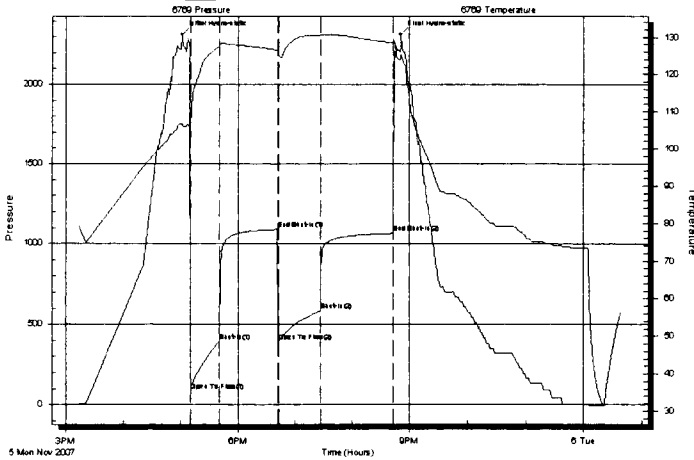
End Time: 00:39:07

Time On Btm: 2007.11.05 @ 17:01:28

Time Off Btm: 2007.11.05 @ 20:50:58

TEST COMMENT: IF BOB in 2 mins. Gas to surface when bled off
IS BOB in 20 mins.
FF BOB in 3 mins
FS Built to 6 inches.

Pressure vs. Time



PRESSURE SUMMARY

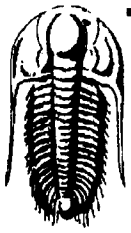
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.72	106.76	Initial Hydro-static
9	85.55	104.95	Open To Flow (1)
40	390.69	127.52	Shut-In(1)
101	1088.64	126.53	End Shut-In(1)
102	395.13	125.60	Open To Flow (2)
146	585.28	130.45	Shut-In(2)
223	1064.46	128.50	End Shut-In(2)
230	2313.65	125.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	O&GCM 20%G 25%O 55%M	1.74
558.00	MCG&O 40%G 50%O 10%M	7.83
703.00	Clean GCO 40%G 60%O	9.86

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29717

DST#: 6

ATTN: Kim Shoemaker

Test Start: 2007.11.05 @ 15:14:03

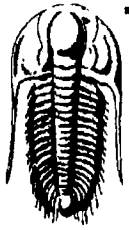
Tool Information

Drill Pipe:	Length: 4442.00 ft	Diameter: 3.80 inches	Volume: 62.31 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	62.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4440.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	115.00 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			4413.00	
Shut In Tool	5.00			4418.00	
Hydraulic tool	5.00			4423.00	
Jars	5.00			4428.00	
Safety Joint	3.00			4431.00	
Packer	5.00			4436.00	28.00 Bottom Of Top Packer
Packer	4.00			4440.00	
Stubb	1.00			4441.00	
Recorder	0.00	6769	inside	4441.00	
Perforations	16.00			4457.00	
Change Over Sub	1.00			4458.00	
Drill Pipe	63.00			4521.00	
Change Over Sub	1.00			4522.00	
Recorder	0.00	2607	inside	4522.00	
Bullnose	5.00			4527.00	87.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co Inc

Munsell B #1

PO Box 48788
Wichita KS 67202

5 17 29W Lane KS

Job Ticket: 29717

DST#: 6

ATTN: Kim Shoemaker

Test Start: 2007.11.05 @ 15:14:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	O&GCM 20%G 25%O 55%M	1.739
558.00	MCG&O 40%G 50%O 10%M	7.827
703.00	Clean GCO 40%G 60%O	9.861

Total Length: 1385.00 ft

Total Volume: 19.427 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

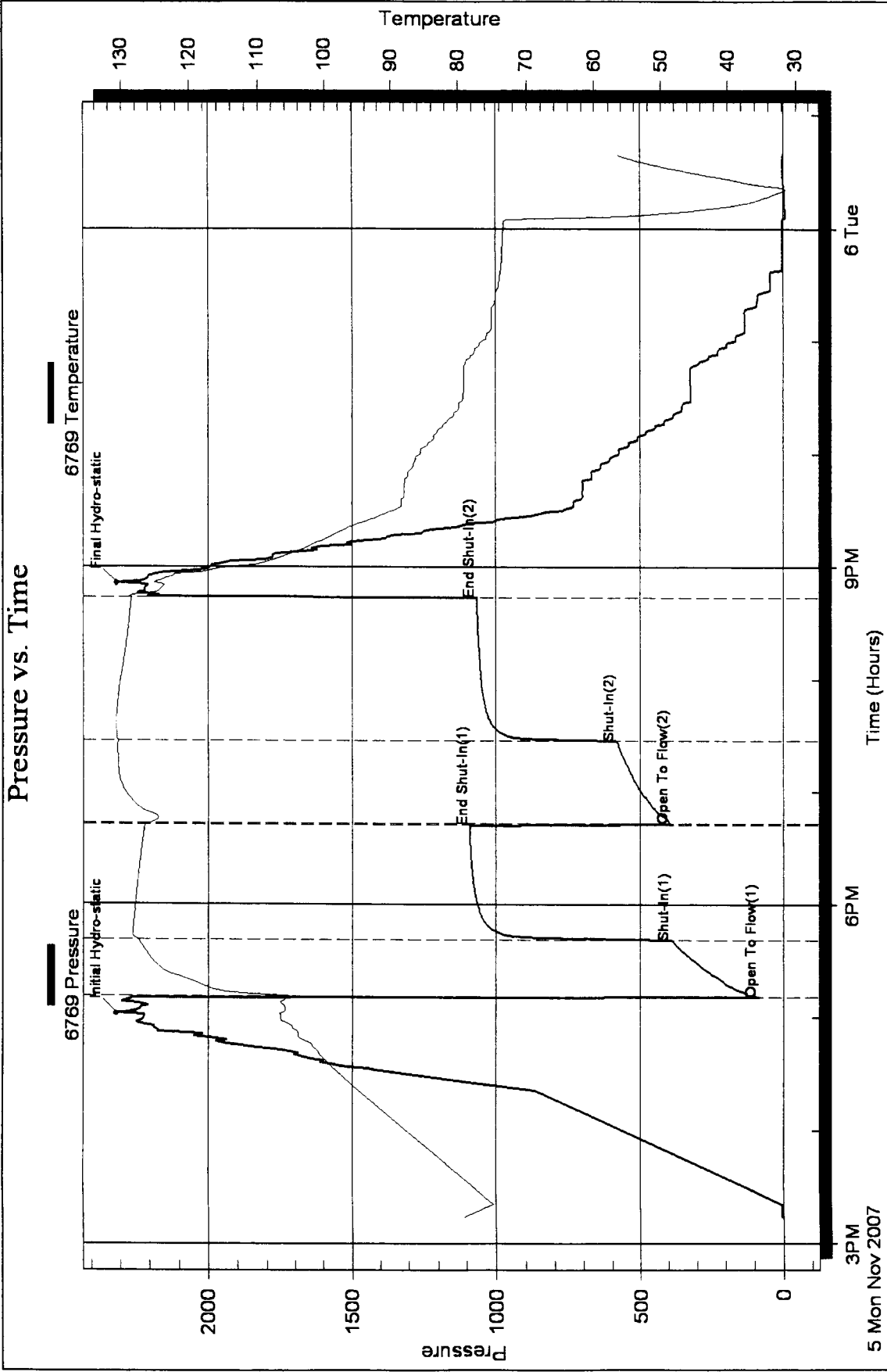
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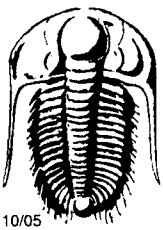
Raymond Oil Co Inc

5 17 29W Lane KS

DST Test Number: 6

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29712

RECEIVED
NOV 09 2007

10871

BY: _____

Test Ticket

Well Name & No. Munsell B #1 Test No. 1 Date 11-1-07
 Company Raymond Oil Co Inc. Zone Tested L/KC
 Address Box 48788, Wichita KS 67202 Elevation 2822 KB 2817 GL
 Co. Rep / Geo. Kim Shoemaker Rig LD Rig #1
 Location: Sec. 5 Twp. 17s Rge. 29w Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4100 - 4205 Initial Str Wt./Lbs. 48000 Unseated Str Wt./Lbs. 48000
 Anchor Length 105' Wt. Set Lbs. 1500 R Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 4096 Tool Weight 25000R
 Bottom Packer Depth 4100 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4205 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM 1# Vis. 52 WL 8.8 Drill Pipe Size 4 1/2 x h Ft. Run 4092

Blow Description IF: Built to 2 1/4 inches.
IS: No b return
FF: Built to 1/2 inch.
FS: No return.

Recovery - Total Feet 40 GIP 0 Ft. in DC 0 Ft. in DP 40
 Rec. 40 Feet of M %gas %oil %water 100 %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 112 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2132	PSI	6769	X 1200
(B) First Initial Flow Pressure	30	PSI	(depth) 4101	Jars _____
(C) First Final Flow Pressure	38	PSI	Recorder No. 2607	Safety Jt. _____
(D) Initial Shut-In Pressure	841	PSI	(depth) 4200	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure	38	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	47	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	746	PSI	Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud	2132	PSI	Initial Shut-In 60	Shale Packer _____
			Final Flow 45	Ruined Packer _____
			Final Shut-In 75	Mileage <u>62 x \$1.25 = \$77.50</u>

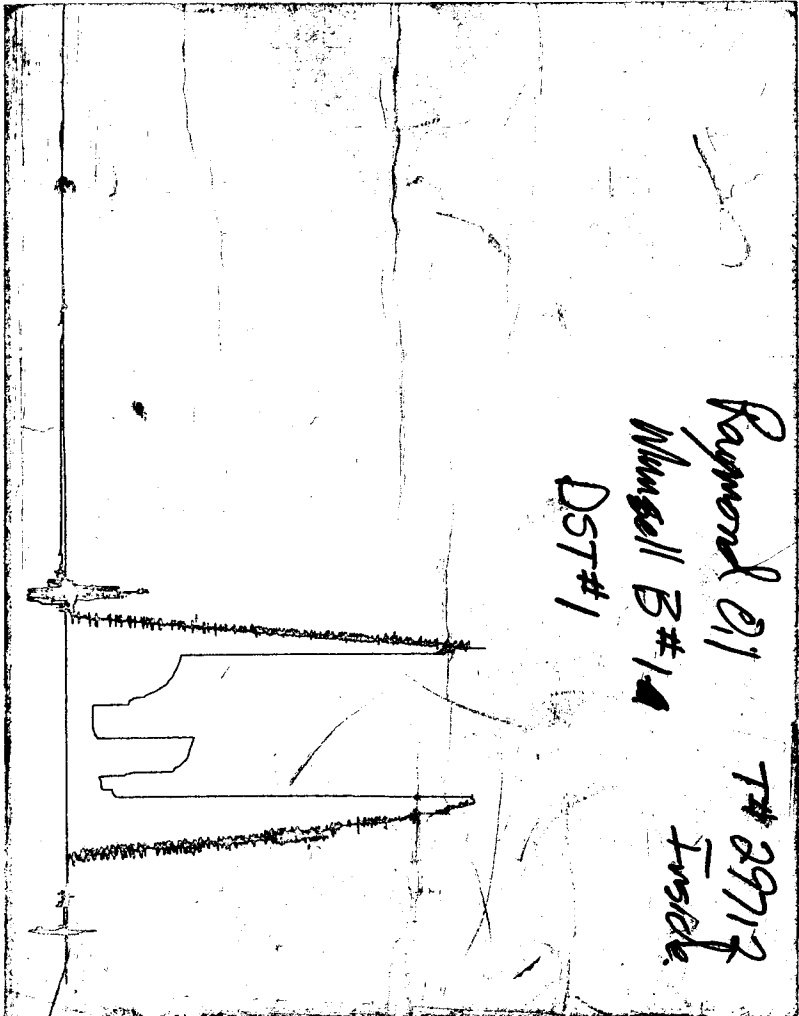
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

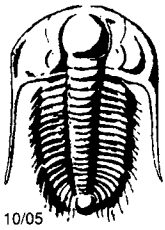
Approved By _____
 Our Representative Brandon Donald

T-On Location 15:45 pm Sub Total: _____
 T-Started 16:48 pm Std. By _____
 T-Open 19:43 pm Acc. Chg: _____
 T-Pulled 23:13 pm Other: _____
 T-Out 00:45 am Total: \$1277.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29713

RECEIVED
NOV 09 2007

BY: _____

Test Ticket

Well Name & No. Mansell B#1 Test No. 2 Date 11-2-07
 Company Raymond Oil Co. Inc. Zone Tested _____
 Address Box 48788, Wichita KS 67202 Elevation 2822 KB 2817 GL _____
 Co. Rep / Geo. Kim Shoemaker Rig LO Rig #1
 Location: Sec. 5 Twp. 17s Rge. 29W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4198 - 4223 Initial Str Wt./Lbs. 49000 Unseated Str Wt./Lbs. 51000
 Anchor Length 25 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 70000
 Top Packer Depth 4194 Tool Weight 1500
 Bottom Packer Depth 4198 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4223 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.2 LCM Tre Vis. 48 WL 8.0 Drill Pipe Size 4 1/2 xh Ft. Run 4185

Blow Description IF: BOB in 15 mins.
IS: Built to 1/2 inch died back to 1/4 inch.
FF: BOB in 22 mins.
FS: Built to 3 inch died back to 2 inches.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>130</u>	<u>435</u>	<u>0</u>	<u>130</u>
Rec. <u>70</u> Feet of <u>Lean GCO</u>	<u>7</u> %gas	<u>93</u> %oil	%water %mud
Rec. <u>30</u> Feet of <u>HOCM</u>	%gas <u>40</u>	%oil	%water <u>60</u> %mud
Rec. <u>30</u> Feet of <u>OCM</u>	%gas <u>10</u>	%oil	%water <u>90</u> %mud
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>118</u> °F Gravity <u>39</u> °API D @ <u>80</u> °F Corrected Gravity <u>37</u> °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System			

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2136</u> PSI	<u>2136</u> PSI	<u>6769</u>	<u>X</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>26</u> PSI	<u>26</u> PSI	<u>4199</u>	Jars _____
(C) First Final Flow Pressure	<u>46</u> PSI	<u>46</u> PSI	<u>2607</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>398</u> PSI	<u>398</u> PSI	<u>4218</u>	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure	<u>50</u> PSI	<u>50</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>70</u> PSI	<u>70</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>349</u> PSI	<u>349</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2103</u> PSI	<u>2103</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>75</u>	Mileage <u>62 + 1.25 = 77.50</u>
			T-On Location <u>07:45 am</u>	Sub Total: _____
			T-Started <u>08:08 am</u>	Std. By _____
			T-Open <u>10:00 am</u>	Acc. Chg: _____
			T-Pulled <u>13:30 pm</u>	Other: _____
			T-Out <u>15:37 pm</u>	Total: <u>4177.56</u>

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Approved By [Signature]
 Our Representative Bradon [Signature]

CHART PAGE

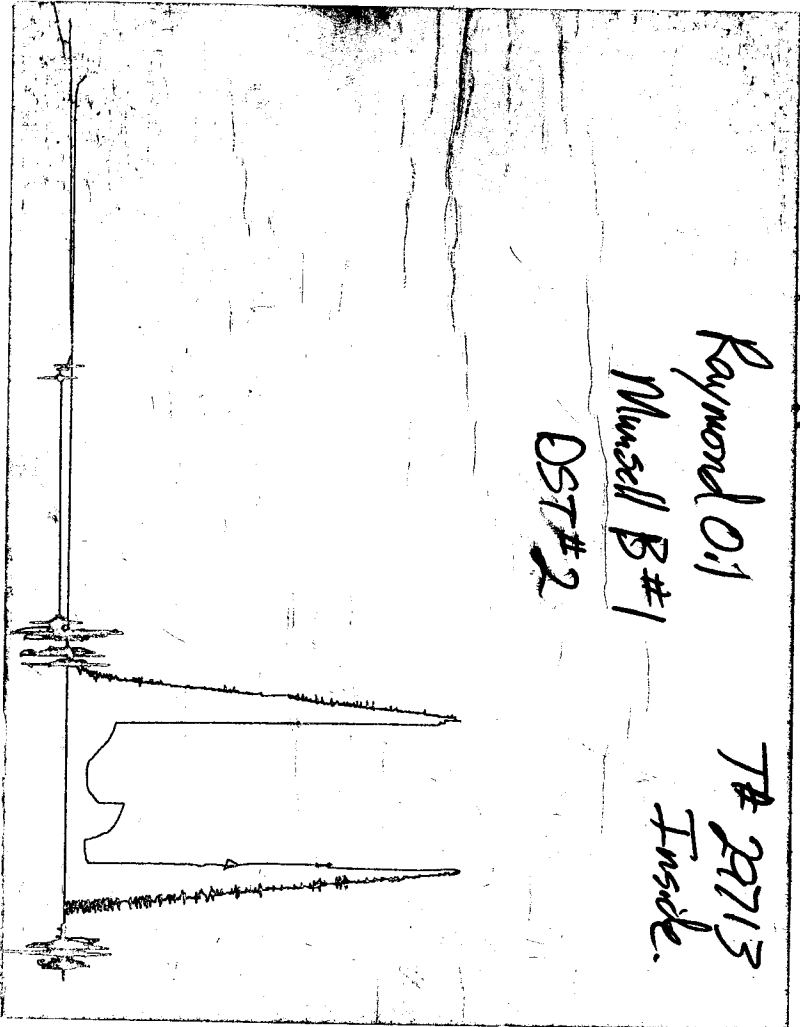
This is a photocopy of the actual AK-1 recorder chart

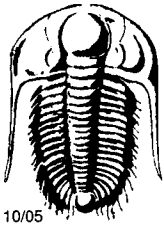
Raymond O.1

Mussell B #1

DST#2

TA 22713
Inside.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29714

RECEIVED
NOV 09 2007

BY: _____

Test Ticket

Well Name & No. Mansell B #1 Test No. 3 Date 11-2-07
 Company Raymond Oil Co Inc. Zone Tested Mid. Cherokee
 Address Box 48788, Wichita KS 67202 Elevation 2822 KB 2817 GL
 Co. Rep / Geo. Kim Shoemaker Rig LD Rig #1
 Location: Sec. 5 Twp. 17S Rge. 29W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4239 - 4254 Initial Str Wt./Lbs. 49000 Unseated Str Wt./Lbs. 49000
 Anchor Length 15' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 4235 Tool Weight 1500
 Bottom Packer Depth 4239 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4254 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM Tre Vis. 45 WL 8.0 Drill Pipe Size 4 1/2 xh Ft. Run 4248
 Blow Description IF: Built to 1 1/2 inches.
IS: No return.
FF: Built to 1/2 inch died back to 1/4 inch.
FS: No return.

Recovery - Total Feet 30 GIP 0 Ft. in DC 0 Ft. in DP 30
 Rec. 30 Feet of W CM %gas %oil 50 %water 30 %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 121 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .281 @ 60 °F Chlorides 30000 ppm Recovery _____ Chlorides 1600 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2157</u> PSI	<u>6769</u>	<u>1200</u>
(B) First Initial Flow Pressure		<u>13</u> PSI	(depth) <u>4240</u>	Jars _____
(C) First Final Flow Pressure		<u>20</u> PSI	Recorder No. <u>2607</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>248</u> PSI	(depth) <u>4249</u>	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure		<u>29</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>35</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>245</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2102</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>75</u>	Mileage <u>62 x .25 = \$15.50</u>

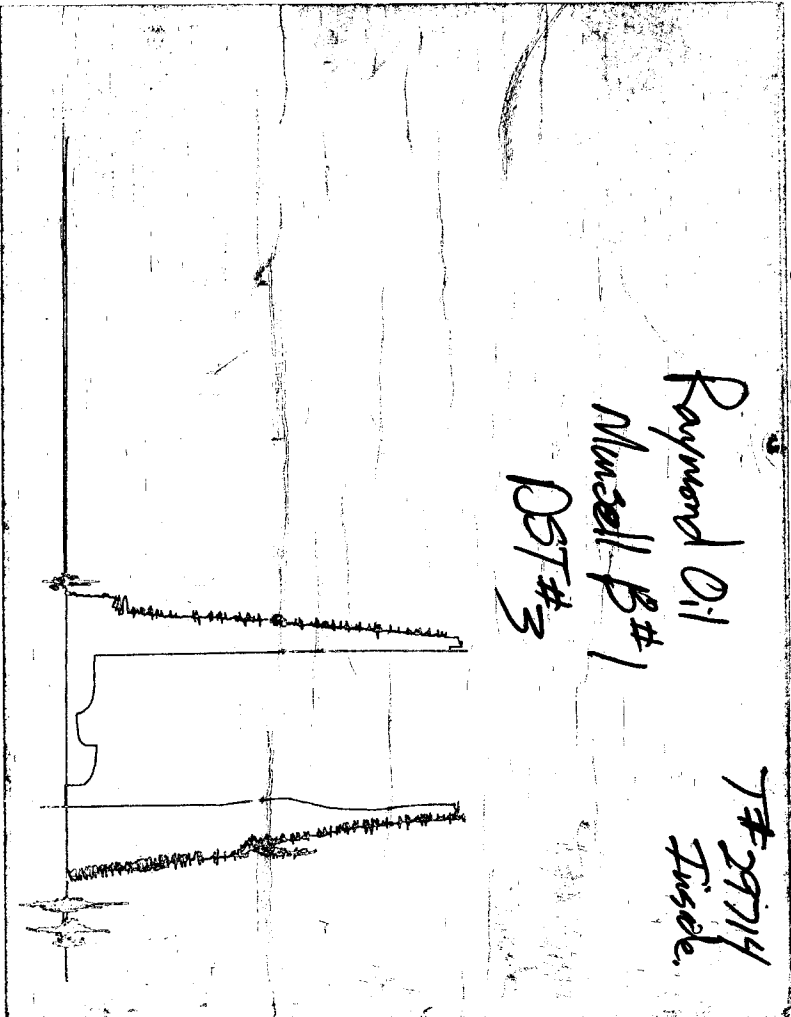
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

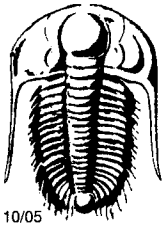
Approved By _____
 Our Representative Brandon Damach

T-On Location 23:00 pm Sub Total: _____
 T-Started 23:45 pm Std. By _____
 T-Open 02:04 am Acc. Chg: _____
 T-Pulled 05:34 am Other: 9127750
 T-Out 08:03 am Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29715

RECEIVED
NOV 09 2007

BY: _____

Test Ticket

Well Name & No. Munsell B #1 Test No. 4 Date 11-4-07
 Company Raymond Oil Co Inc. Zone Tested Marm./Attamont
 Address Box 48788, Nichita KS 67202 Elevation 2822 KB 2817 GL
 Co. Rep / Geo. Kim Shoemaker Rig LD Drilling #1
 Location: Sec. 5 Twp. 17S Rge. 29W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4282 - 4404 Initial Str Wt./Lbs. 50000 Unseated Str Wt./Lbs. 56000
 Anchor Length 122' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 75000
 Top Packer Depth 4278 Tool Weight 1500
 Bottom Packer Depth 4282 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4404 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM .5# Vis. 55 WL 7.2 Drill Pipe Size 4 1/2 xh Ft. Run 4280

Blow Description IF: BOB in 5 mins.
IS: No return.
FF: BOB in 8 mins.
FS: Built to 1 inch died back to 1/2 inch

Recovery - Total Feet <u>875</u>	GIP <u>175</u>	Ft. in DC <u>0</u>	Ft. in DP <u>875</u>
Rec. <u>255</u>	Feet of <u>G, O, + WCM</u>	10 %gas	15 %oil
Rec. <u>310</u>	Feet of <u>Heavy G, O + WCM</u>	20 %gas	10 %oil
Rec. <u>310</u>	Feet of <u>MCW</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>123</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW <u>.145</u>	@ <u>75</u> *F	Chlorides <u>62000</u> ppm	Recovery _____ Chlorides <u>2300</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2150</u> PSI	Alpine	Recorder No. <u>6769</u>	Test X <u>1200</u>
(B) First Initial Flow Pressure	<u>33</u> PSI		(depth) <u>4283</u>	Jars _____
(C) First Final Flow Pressure	<u>218</u> PSI		Recorder No. <u>2607</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1124</u> PSI		(depth) <u>4399</u>	Circ Sub X <u>50</u>
(E) Second Initial Flow Pressure	<u>222</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>421</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1116</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>2136</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____	
		Final Flow <u>45</u>	Ruined Packer _____	
		Final Shut-In <u>75</u>	Mileage <u>62 x 1.25 = \$77.50</u>	

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Approved By [Signature]
 Our Representative Brandon D... [Signature]
 T-On Location 02:50 am
 T-Started 03:17 am
 T-Open 05:00 am
 T-Pulled 08:30 am
 T-Out 11:06 am
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: \$1327.50

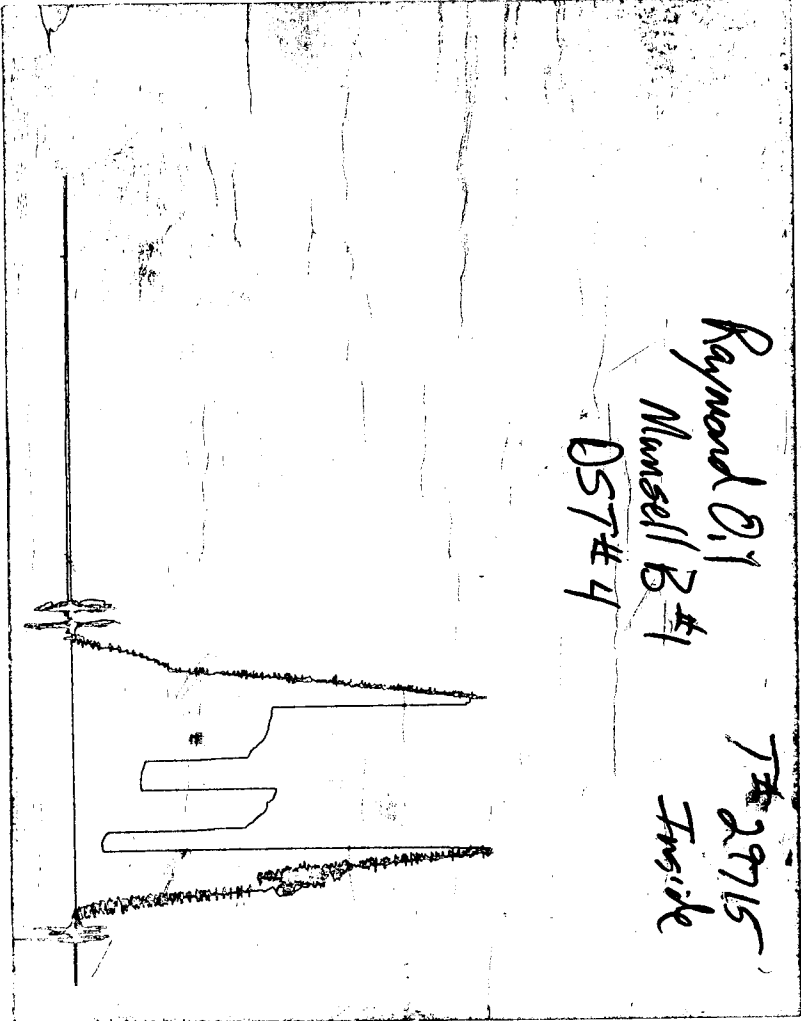
CHART PAGE

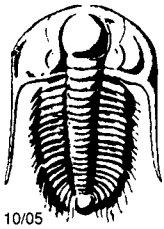
This is a photocopy of the actual AK-1 recorder chart

Raymond D. 1
Mumzell B #1

7th 29715
Inside

D57#4





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29716

RECEIVED
NOV 09 2007

Test Ticket

BY: _____

Well Name & No. Munsell B #1 Test No. 5 Date 11-4-07
 Company Raymond Oil Co Inc. Zone Tested Myrick Station
 Address Box 48788, Wichita KS 67202 Elevation 2822 KB 2817 GL
 Co. Rep / Geo. Kim Shoemaker Rig LD Drilling #1
 Location: Sec. 5 Twp. 17s Rge. 29w Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4416 - 4442 Initial Str Wt./Lbs. 50000 Unseated Str Wt./Lbs. 52000
 Anchor Length 26' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 75000
 Top Packer Depth 4412 Tool Weight 1500
 Bottom Packer Depth 4416 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4442 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.2 LCM 1# Vis. 48 WL 8.0 Drill Pipe Size 4 1/2 xh Ft. Run 4405

Blow Description IF: Built to 4 1/2 inches.
IS: No return.
FF: Built to 8 inches.
FS: No return.

Recovery - Total Feet <u>40</u>	GIP <u>85</u>	Ft. in DC <u>0</u>	Ft. in DP <u>40</u>
Rec. <u>40</u> Feet of <u>OCM</u>	%gas <u>5</u>	%oil	%water <u>95</u>
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
BHT <u>119</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>2500</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	2239	PSI	Recorder No. <u>6769</u>	TestX <u>1200</u>
(B) First Initial Flow Pressure			22	PSI	(depth) <u>4417</u>	JarsX <u>250</u>
(C) First Final Flow Pressure			27	PSI	Recorder No. <u>2607</u>	Safety JX <u>75</u>
(D) Initial Shut-In Pressure			394	PSI	(depth) <u>4437</u>	Circ SubX <u>N/C</u>
(E) Second Initial Flow Pressure			25	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure			36	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure			384	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud			2216	PSI	Initial Shut-In <u>60</u>	Shale Packer _____
					Final Flow <u>45</u>	Ruined Packer _____
					Final Shut-In <u>75</u>	Mileage <u>62 x 1.25 = \$77.50</u>

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Approved By [Signature]
 Our Representative [Signature]

T-On Location 17:50 pm
 T-Started 18:13 pm
 T-Open 20:10 pm
 T-Pulled 23:40 pm
 T-Out 01:43 am
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1602.50

CHART PAGE

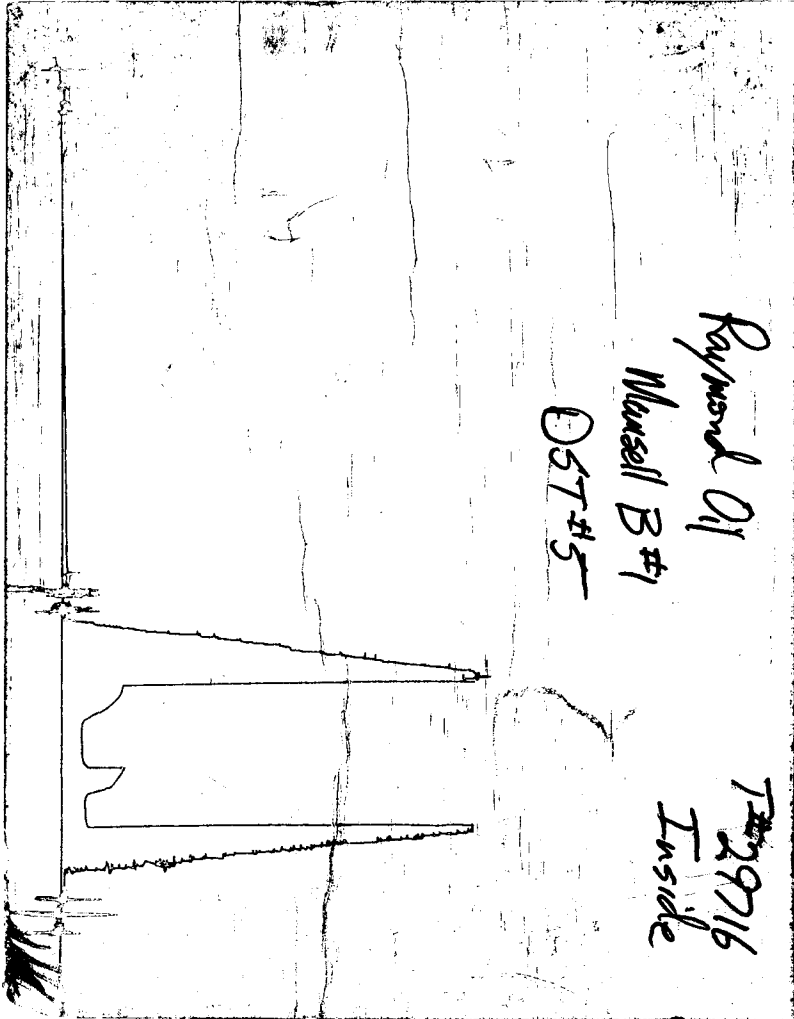
This is a photocopy of the actual AK-1 recorder chart

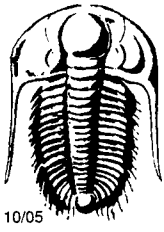
Raymond O'Neil

Mussell B #1

DST #5

7-29-76
Inside





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29717

RECEIVED
NOV 09 2007

BY: _____

Test Ticket

Well Name & No. Munsell B #1 Test No. 6 Date 11-5-07
 Company Raymond Oil Co Inc. Zone Tested Cherokee/Johnson
 Address Box 48788, Wichita KS 67202 Elevation 2822 KB 2817 GL
 Co. Rep / Geo. Kim Shoemaker Rig LD Drilling #1
 Location: Sec. 5 Twp. 17s Rge. 29w Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4440 - 4527 Initial Str Wt./Lbs. 51000 Unseated Str Wt./Lbs. 54000
 Anchor Length 87' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 20000
 Top Packer Depth 4436 Tool Weight 1500
 Bottom Packer Depth 4440 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4527 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.3 LCM 1# Vis. 48 WL 9.2 Drill Pipe Size 4 1/2 Ft. Run 4442
 Blow Description IF: BOB in 2 mins. Gas to surface when Bled off.
IS: BOB in 20 mins.
AF: BOB in 3 mins.
FS: Built to 6 inches.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>1385</u>	<u>3057</u>	<u>0</u>	<u>1385</u>
Rec. <u>703</u> Feet of <u>CGCO</u>	<u>40% gas</u>	<u>60% oil</u>	<u>% water</u>
Rec. <u>558</u> Feet of <u>MCG+O</u>	<u>40% gas</u>	<u>50% oil</u>	<u>10% mud</u>
Rec. <u>124</u> Feet of <u>O+GCM</u>	<u>20% gas</u>	<u>25% oil</u>	<u>55% mud</u>
Rec. _____ Feet of _____	<u>% gas</u>	<u>% oil</u>	<u>% water</u>
Rec. _____ Feet of _____	<u>% gas</u>	<u>% oil</u>	<u>% water</u>
BHT <u>128</u> °F Gravity <u>32</u>	*API D @ <u>95</u>	*F Corrected Gravity <u>29</u>	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>3100</u> ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2314</u> PSI	<u>6769</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>85</u> PSI	(depth) <u>4441</u>	Jars <u>250</u>
(C) First Final Flow Pressure	<u>390</u> PSI	Recorder No. <u>2607</u>	Safety Jtx <u>75</u>
(D) Initial Shut-In Pressure	<u>1088</u> PSI	(depth) <u>4522</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure	<u>395</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>585</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>2313</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By [Signature]
 Our Representative Brandon Dowsh

Final Flow	<u>45</u>	Ruined Packer <u>x1 = 260.00</u>
Final Shut-In	<u>75</u>	Mileage <u>62 x 25 = 77.50</u>
T-On Location	<u>14:35 pm</u>	Sub Total: _____
T-Started	<u>15:13 pm</u>	Std. By _____
T-Open	<u>17:10 pm</u>	Acc. Chg: _____
T-Pulled	<u>20:40 pm</u>	Other: _____
T-Out	<u>00:38 am</u>	Total: <u>87802.50</u>

CHART PAGE

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

Raymond O.1

Mussell B #1

DIST# 6

T# 29717

Inside

