

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Jim Weber 15-065-23414-00-00

18 10 23 Graham KS

Cronn # 18-3

Start Date: 2008.03.24 @ 15:36:06

End Date: 2008.03.24 @ 22:58:36

Job Ticket #: 30324 DST #: 1

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KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION
WICHITA, KS

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

Coral Production Corporation

Cronn # 18-3

18 10 23 Graham KS

DST # 1

A-F

LKC

2008.03.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

ATTN: Jim Weber

Job Ticket: 30324

DST#: 1

Test Start: 2008.03.24 @ 15:36:06

GENERAL INFORMATION:

Formation: **A-F LKC**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 17:24:06
Time Test Ended: 22:58:36

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: **3800.00 ft (KB) To 3898.00 ft (KB) (TVD)**
Total Depth: **3898.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2448.00 ft (KB)**
2440.00 ft (CF)
KB to GR/CF: **8.00 ft**

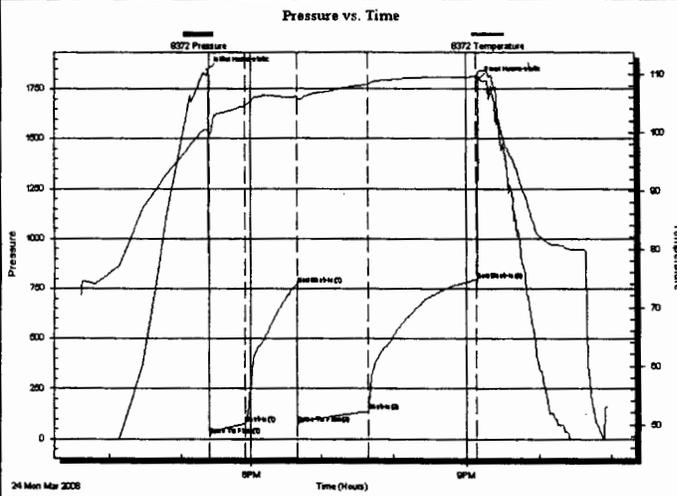
Serial #: 8372

Inside

Press@RunDepth: **136.18 psig @ 3803.00 ft (KB)**
Start Date: **2008.03.24** End Date: **2008.03.24**
Start Time: **15:36:07** End Time: **22:58:36**

Capacity: **7000.00 psig**
Last Calib.: **2008.03.24**
Time On Btm: **2008.03.24 @ 17:22:36**
Time Off Btm: **2008.03.24 @ 21:10:06**

TEST COMMENT: IF BB in 30 min
ISI Weak blow died in 10 min
FF BB in 38 min
FSI Weak died in 10 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1842.78	100.52	Initial Hydro-static
2	20.29	99.39	Open To Flow (1)
33	75.89	104.64	Shut-In(1)
77	770.35	106.17	End Shut-In(1)
77	74.76	105.78	Open To Flow (2)
136	136.18	108.26	Shut-In(2)
226	796.29	109.60	End Shut-In(2)
228	1793.18	110.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	OCGsyM 5%G 40%O 55%M	3.79
0.00	450 GP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

Crown # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

Job Ticket: 30324

DST#: 1

ATTN: Jim Weber

Test Start: 2008.03.24 @ 15:36:06

Tool Information

Drill Pipe:	Length: 3770.00 ft	Diameter: 3.80 inches	Volume: 52.88 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 53.03 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3800.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	98.00 ft				
Tool Length:	127.00 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			3772.00	
Shut In Tool	5.00			3777.00	
Hydraulic tool	5.00			3782.00	
Jars	5.00			3787.00	
Safety Joint	3.00			3790.00	
Packer	5.00			3795.00	29.00 Bottom Of Top Packer
Packer	5.00			3800.00	
Stubb	1.00			3801.00	
Perforations	1.00			3802.00	
Change Over Sub	1.00			3803.00	
Recorder	0.00	8372	Inside	3803.00	
Recorder	0.00	8368	Outside	3803.00	
Drill Pipe	62.00			3865.00	
Change Over Sub	1.00			3866.00	
Perforations	29.00			3895.00	
Bullnose	3.00			3898.00	98.00 Bottom Packers & Anchor
Total Tool Length:	127.00				

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WICHITA, KS



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

Job Ticket: 30324

DST#: 1

ATTN: Jim Weber

Test Start: 2008.03.24 @ 15:36:06

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:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
290.00	OCCsyM 5%G 40%O 55%M	3.795
0.00	450 GIP	0.000

Total Length: 290.00 ft

Total Volume: 3.795 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

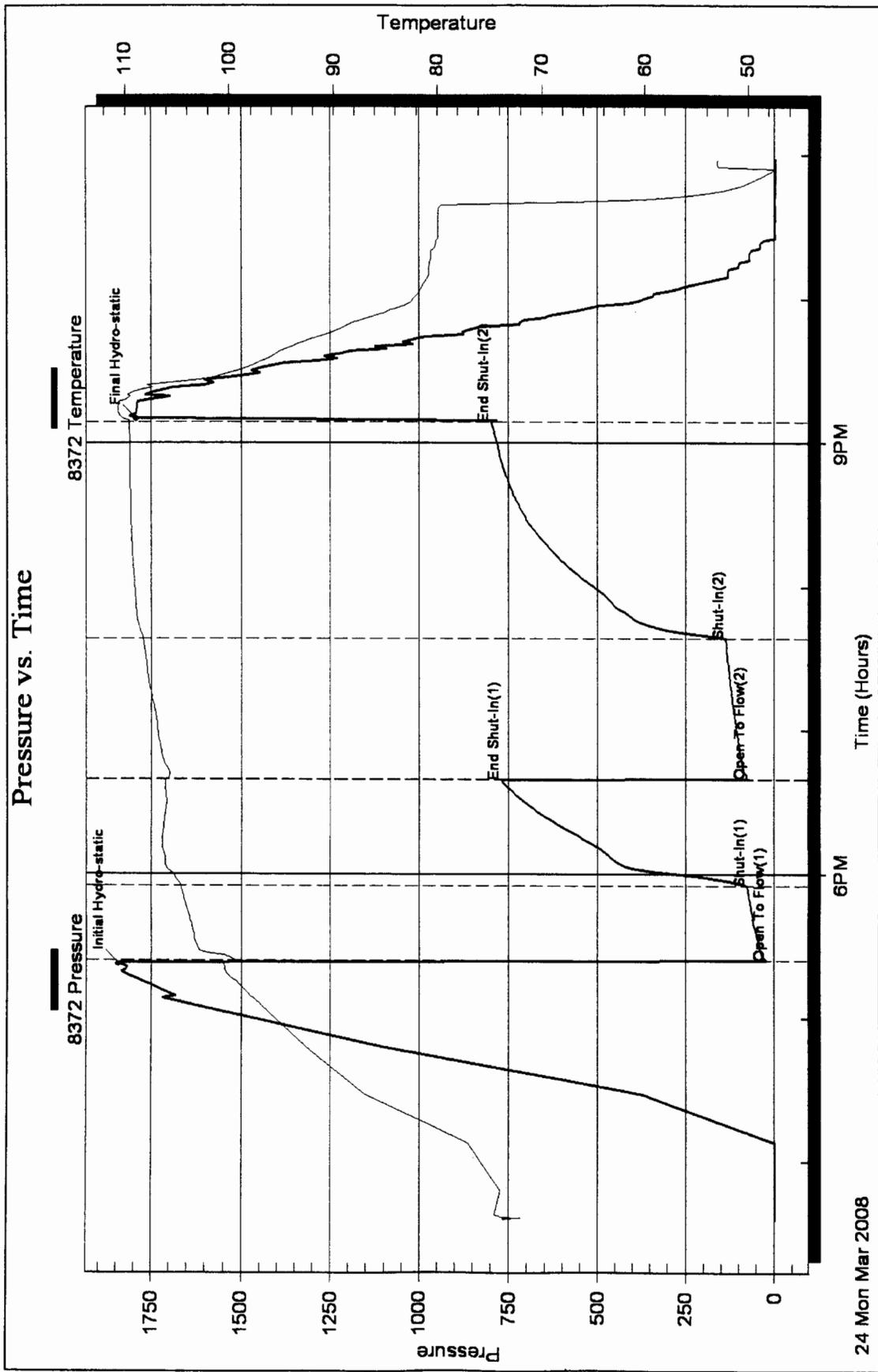
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



24 Mon Mar 2008

6PM

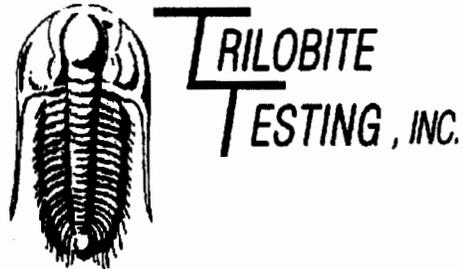
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WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Jim Weber

18 10 23 Graham KS

Cronn # 18-3

Start Date: 2008.03.25 @ 13:26:22

End Date: 2008.03.25 @ 21:43:07

Job Ticket #: 30325 DST #: 2

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

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WICHITA, KS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

ATTN: Jim Weber

Job Ticket: 30325

DST#: 2

Test Start: 2008.03.25 @ 13:26:22

GENERAL INFORMATION:

Formation: **H-J LKC**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 15:05:22
Time Test Ended: 21:43:07

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: **3922.00 ft (KB) To 3995.00 ft (KB) (TVD)**
Total Depth: 3995.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2448.00 ft (KB)
2440.00 ft (CF)
KB to GR/CF: 8.00 ft

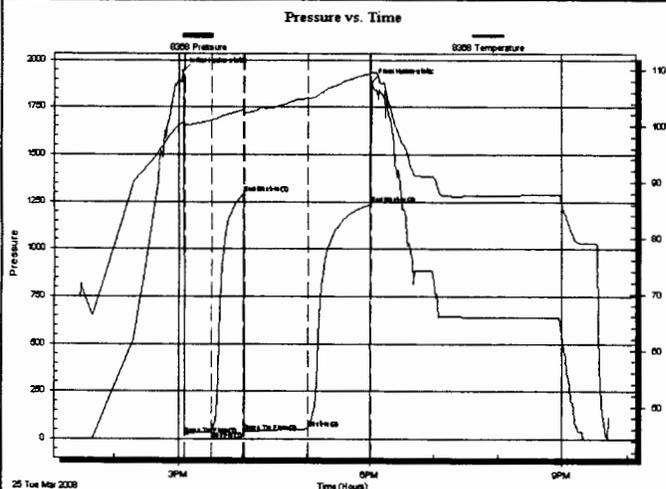
Serial #: 8368

Outside

Press@RunDepth: 54.15 psig @ 3925.00 ft (KB)
Start Date: 2008.03.25 End Date: 2008.03.25
Start Time: 13:26:23 End Time: 21:43:07

Capacity: 7000.00 psig
Last Calib.: 2008.03.25
Time On Btrm: 2008.03.25 @ 15:03:52
Time Off Btrm: 2008.03.25 @ 18:01:52

TEST COMMENT: IF Weak surface blow
FF Weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.37	100.56	Initial Hydro-static
2	22.08	100.01	Open To Flow (1)
27	38.82	101.03	Shut-In (1)
57	1292.74	102.90	End Shut-In (1)
58	37.71	102.41	Open To Flow (2)
117	54.15	105.07	Shut-In (2)
178	1237.62	109.37	End Shut-In (2)
178	1882.89	109.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	SlttyOcGsyM 2%G 3%O 95%M	0.92

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

Job Ticket: 30325

DST#: 2

ATTN: Jim Weber

Test Start: 2008.03.25 @ 13:26:22

Tool Information

Drill Pipe:	Length: 3892.00 ft	Diameter: 3.80 inches	Volume: 54.59 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	54.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3922.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	102.00 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			3894.00	
Shut In Tool	5.00			3899.00	
Hydraulic tool	5.00			3904.00	
Jars	5.00			3909.00	
Safety Joint	3.00			3912.00	
Packer	5.00			3917.00	29.00 Bottom Of Top Packer
Packer	5.00			3922.00	
Stubb	1.00			3923.00	
Perforations	1.00			3924.00	
Change Over Sub	1.00			3925.00	
Recorder	0.00	8372	Inside	3925.00	
Recorder	0.00	8368	Outside	3925.00	
Drill Pipe	62.00			3987.00	
Change Over Sub	1.00			3988.00	
Perforations	4.00			3992.00	
Bullnose	3.00			3995.00	73.00 Bottom Packers & Anchor
Total Tool Length:	102.00				

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WICHITA, KS



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

Job Ticket: 30325

DST#: 2

ATTN: Jim Weber

Test Start: 2008.03.25 @ 13:26:22

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: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
85.00	Sltly Oc Gsy M 2% G 3% O 95% M	0.919

Total Length: 85.00 ft

Total Volume: 0.919 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

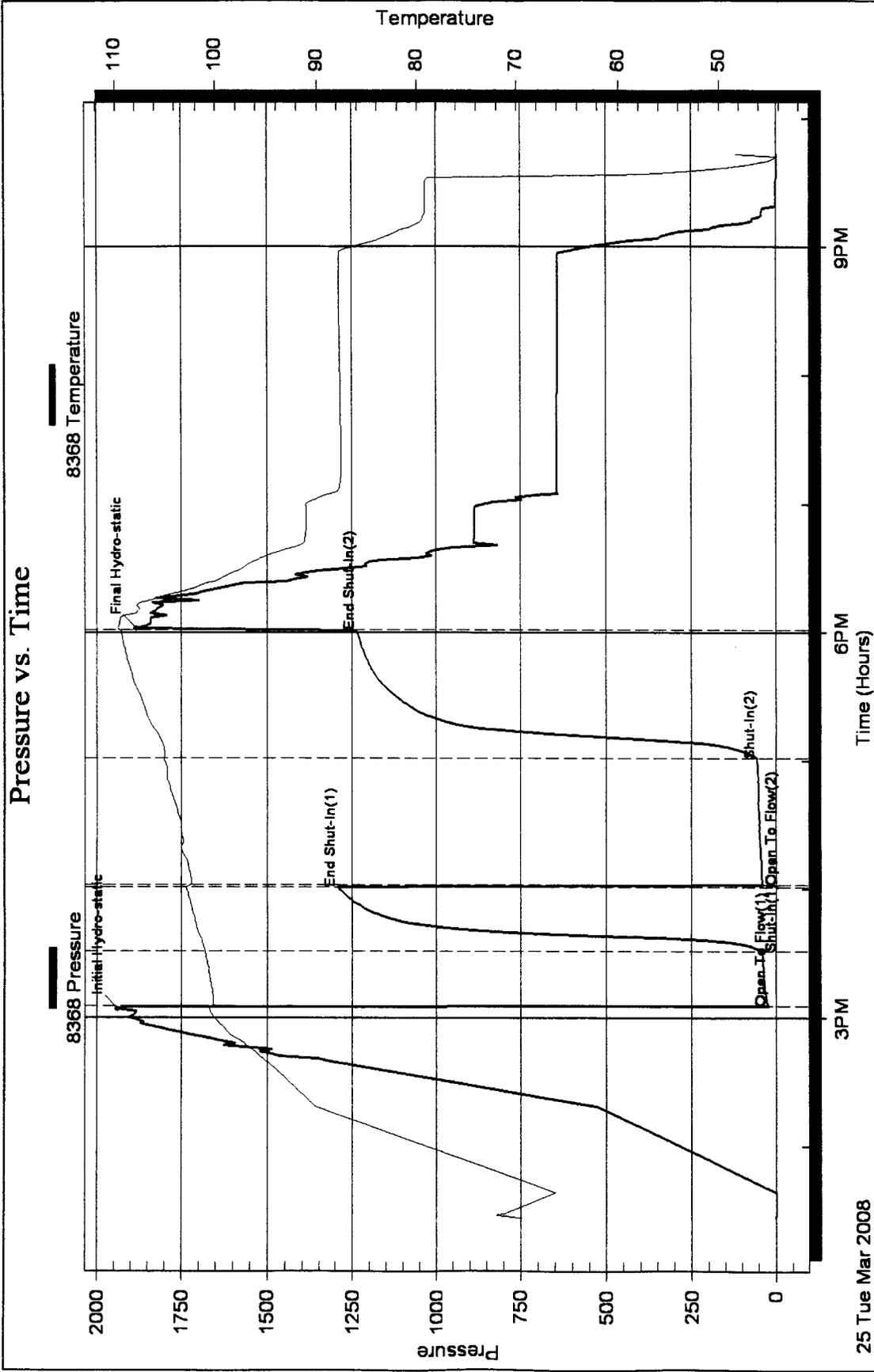
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Jim Weber

18 10 23 Graham KS

Cronn # 18-3

Start Date: 2008.03.26 @ 07:00:01

End Date: 2008.03.26 @ 11:41:31

Job Ticket #: 30901 DST #: 3

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

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WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

ATTN: Jim Weber

Job Ticket: 30901

DST#: 3

Test Start: 2008.03.26 @ 07:00:01

GENERAL INFORMATION:

Formation: **K-L LKC**

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

Time Tool Opened: 08:22:01

Time Test Ended: 11:41:31

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3993.00 ft (KB) To 4043.00 ft (KB) (TVD)**

Total Depth: **4043.00 ft (KB) (TVD)**

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

Reference Elevations: **2448.00 ft (KB)**

2440.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8372

Inside

Press@RunDepth: **28.77 psig @ 3996.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2008.03.26**

End Date:

2008.03.26

Last Calib.: **2008.03.26**

Start Time: **07:00:02**

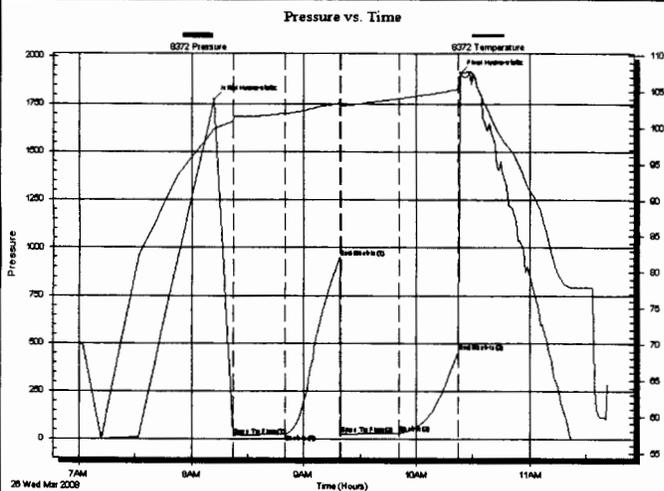
End Time:

11:41:31

Time On Btm: **2008.03.26 @ 08:12:01**

Time Off Btm: **2008.03.26 @ 10:23:31**

TEST COMMENT: **IF Weak died in 10 min
FF No blow**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1775.71	99.92	Initial Hydro-static
10	16.87	100.86	Open To Flow (1)
38	23.71	101.96	Shut-In (1)
67	947.89	103.41	End Shut-In (1)
68	25.36	102.95	Open To Flow (2)
99	28.77	104.05	Shut-In (2)
131	452.43	105.34	End Shut-In (2)
132	1911.74	107.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

Job Ticket: 30901

DST#: 3

ATTN: Jim Weber

Test Start: 2008.03.26 @ 07:00:01

Tool Information

Drill Pipe:	Length: 3956.00 ft	Diameter: 3.80 inches	Volume: 55.49 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 55.64 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3993.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	110.00 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			3965.00	
Shut In Tool	5.00			3970.00	
Hydraulic tool	5.00			3975.00	
Jars	5.00			3980.00	
Safety Joint	3.00			3983.00	
Packer	5.00			3988.00	29.00 Bottom Of Top Packer
Packer	5.00			3993.00	
Stubb	1.00			3994.00	
Perforations	1.00			3995.00	
Change Over Sub	1.00			3996.00	
Recorder	0.00	8372	Inside	3996.00	
Recorder	0.00	8368	Outside	3996.00	
Drill Pipe	62.00			4058.00	
Change Over Sub	1.00			4059.00	
Perforations	12.00			4071.00	
Bullnose	3.00			4074.00	81.00 Bottom Packers & Anchor
Total Tool Length:	110.00				

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WICHITA, KS



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

Cronn # 18-3

1600 Stout St Ste 1500
Denver CO 80202

18 10 23 Graham KS

ATTN: Jim Weber

Job Ticket: 30901

DST#: 3

Test Start: 2008.03.26 @ 07:00:01

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

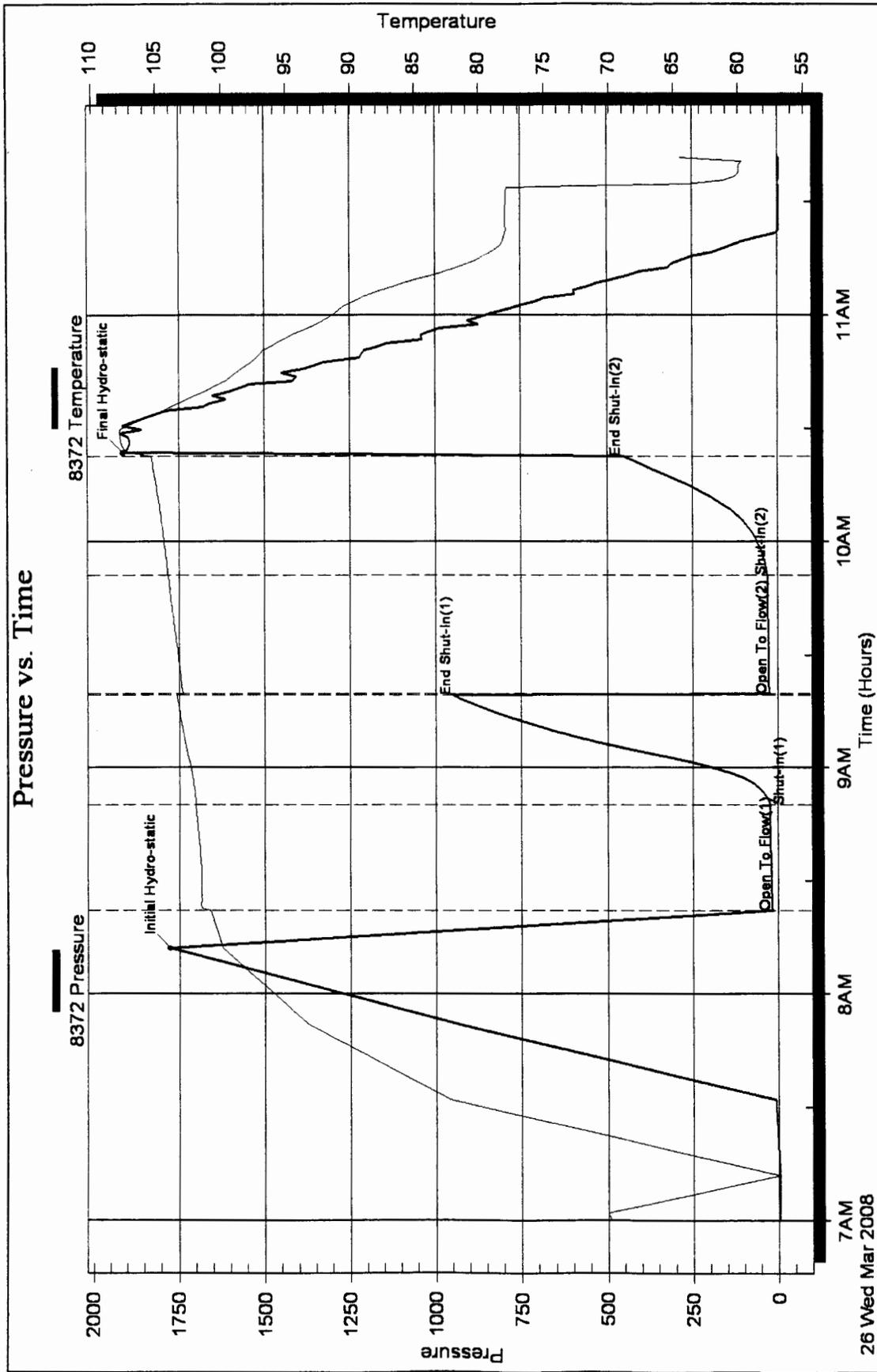
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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