

15-051-25534

36-13s-17w



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

36 13 17 Ellis KS

Roth # 1

Start Date: 2006.06.14 @ 01:15:57

End Date: 2006.06.14 @ 06:57:57

Job Ticket #: 25090 DST #: 1

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

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

Roth # 1

36 13 17 Ellis KS

Job Ticket: 25090

DST#: 1

Test Start: 2006.06.14 @ 01:15:57

GENERAL INFORMATION:

Formation: **A-F LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:03:57

Time Test Ended: 06:57:57

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3238.00 ft (KB) To 3343.00 ft (KB) (TVD)**

Total Depth: 3343.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1985.00 ft (KB)

1977.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6741**

Inside

Press@RunDepth: 63.83 psig @ 3241.00 ft (KB)

Start Date: 2006.06.14

End Date:

2006.06.14

Start Time: 01:15:59

End Time:

06:57:57

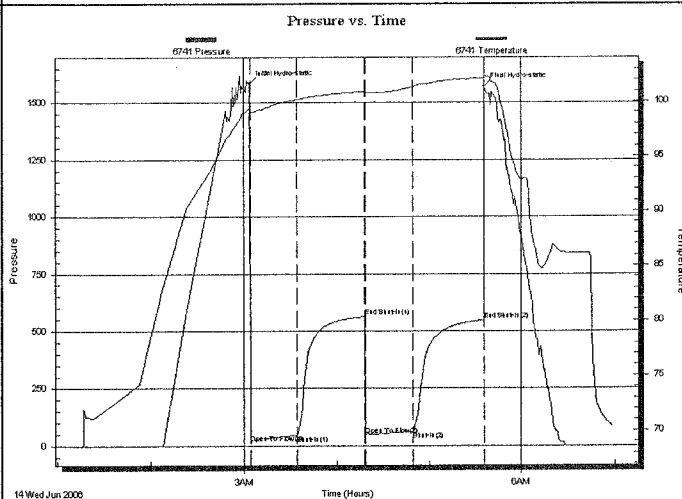
Capacity: 7000.00 psig

Last Calib.: 2006.06.14

Time On Btm: 2006.06.14 @ 03:03:27

Time Off Btm: 2006.06.14 @ 05:35:42

TEST COMMENT: IF Weak building to 3/4 in
FF Weak building to 1/4 in
Times 30 45 30 45



PRESSURE SUMMARY

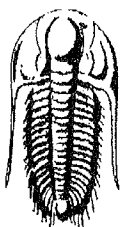
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.28	99.29	Initial Hydro-static
1	14.57	99.01	Open To Flow (1)
31	46.52	100.16	Shut-In(1)
75	563.20	100.90	End Shut-In(1)
75	47.05	100.77	Open To Flow (2)
106	63.83	101.34	Shut-In(2)
152	546.33	102.14	End Shut-In(2)
153	1568.84	102.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	DM w /few Oil spots	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25090

DST#: 1

ATTN: Jim Weber

Test Start: 2006.06.14 @ 01:15:57

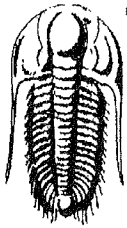
Tool Information

Drill Pipe:	Length: 3200.00 ft	Diameter: 3.80 inches	Volume: 44.89 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 45.04 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3238.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	126.00 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			3218.00	
Shut In Tool	5.00			3223.00	
Hydraulic tool	5.00			3228.00	
Packer	5.00			3233.00	21.00 Bottom Of Top Packer
Packer	5.00			3238.00	
Stubb	1.00			3239.00	
Perforations	1.00			3240.00	
Change Over Sub	1.00			3241.00	
Recorder	0.00	6741	Inside	3241.00	
Drill Pipe	93.00			3334.00	
Change Over Sub	1.00			3335.00	
Recorder	0.00	13254	Outside	3335.00	
Perforations	5.00			3340.00	
Bullnose	3.00			3343.00	105.00 Bottom Packers & Anchor

Total Tool Length: 126.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25090

DST#: 1

ATTN: Jim Weber

Test Start: 2006.06.14 @ 01:15:57

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: 9.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	DM w /few Oil spots	1.120

Total Length: 100.00 ft

Total Volume: 1.120 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

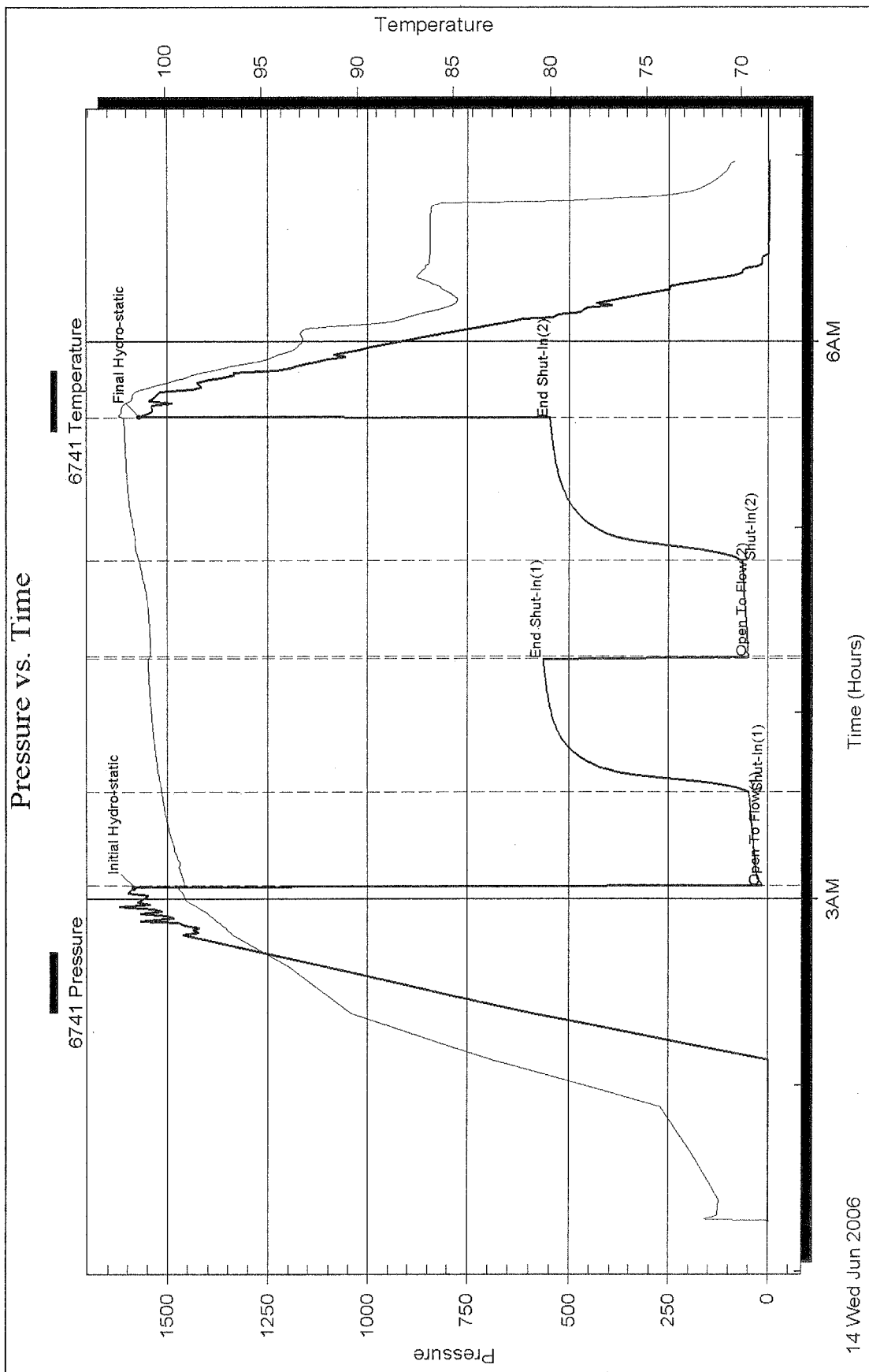
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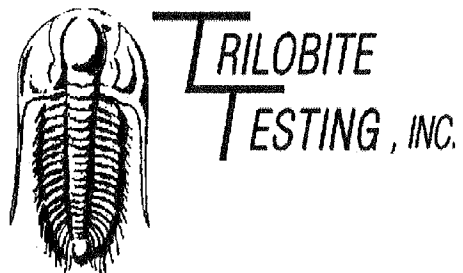
Inside

Coral Production Corp

36 13 17 Ellis KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

36 13 17 Ellis KS

Roth # 1

Start Date: 2006.06.14 @ 18:45:20

End Date: 2006.06.14 @ 23:13:35

Job Ticket #: 25091 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Production Corp

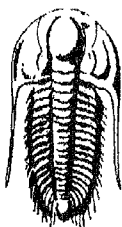
Roth # 1

36 13 17 Ellis KS

DST # 2

Lower KC

2006.06.14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

Roth # 1

36 13 17 Ellis KS

Job Ticket: 25091

DST#: 2

Test Start: 2006.06.14 @ 18:45:20

GENERAL INFORMATION:

Formation: **Lower KC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:36:05

Time Test Ended: 23:13:35

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3374.00 ft (KB) To 3484.00 ft (KB) (TVD)**

Total Depth: 3484.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1985.00 ft (KB)

1977.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6741 Inside

Press@RunDepth: 23.92 psig @ 3377.00 ft (KB)

Start Date: 2006.06.14

End Date:

2006.06.14

Start Time: 18:45:22

End Time:

23:13:35

Capacity: 7000.00 psig

Last Calib.: 2006.06.14

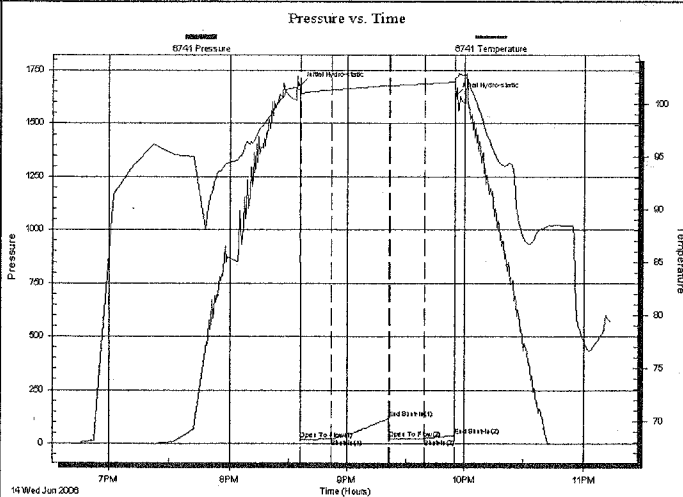
Time On Btm: 2006.06.14 @ 20:35:35

Time Off Btm: 2006.06.14 @ 21:55:20

TEST COMMENT: IF Weak died in 12 min

FF No blow

Times 15 30 15 15



PRESSURE SUMMARY

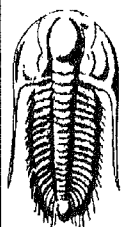
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1679.57	101.36	Initial Hydro-static
1	17.23	101.03	Open To Flow (1)
17	20.51	101.30	Shut-In (1)
46	117.79	101.71	End Shut-In (1)
46	22.05	101.69	Open To Flow (2)
64	23.92	101.88	Shut-In (2)
80	38.43	102.05	End Shut-In (2)
80	1628.76	102.39	Final Hydro-static

Recovery

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

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25091

DST#: 2

ATTN: Jim Weber

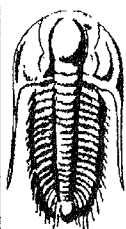
Test Start: 2006.06.14 @ 18:45:20

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			Total Volume: 46.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3374.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	110.00 ft				
Tool Length:	131.00 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			3354.00	
Shut In Tool	5.00			3359.00	
Hydraulic tool	5.00			3364.00	
Packer	5.00			3369.00	21.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Stubb	1.00			3375.00	
Perforations	1.00			3376.00	
Change Over Sub	1.00			3377.00	
Recorder	0.00	6741	Inside	3377.00	
Drill Pipe	93.00			3470.00	
Change Over Sub	1.00			3471.00	
Recorder	0.00	13254	Outside	3471.00	
Perforations	10.00			3481.00	
Bullnose	3.00			3484.00	110.00 Bottom Packers & Anchor
Total Tool Length:		131.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25091

DST#: 2

ATTN: Jim Weber

Test Start: 2006.06.14 @ 18:45:20

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: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 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

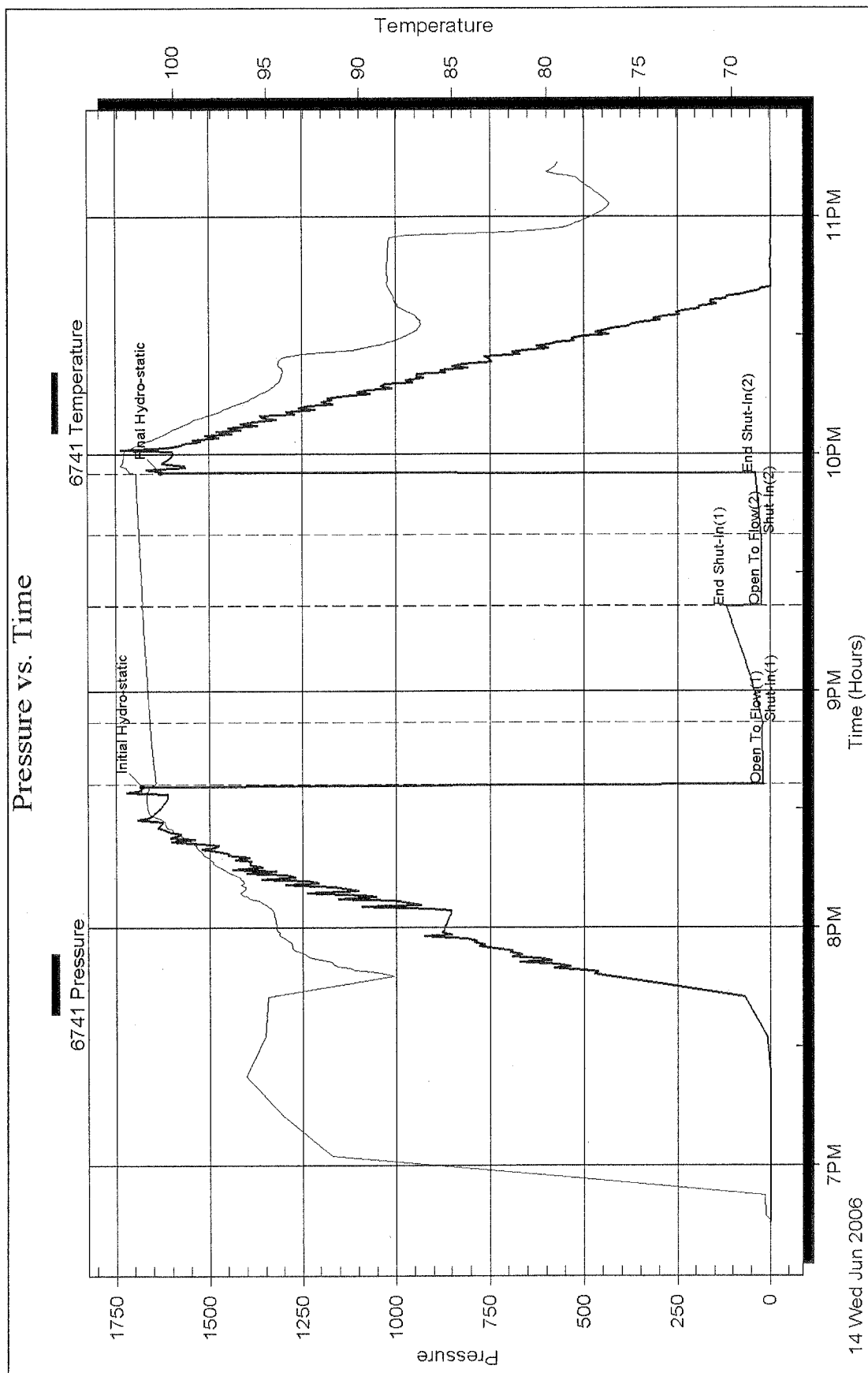
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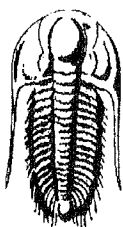
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
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DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

Roth # 1

36 13 17 Ellis KS

Job Ticket: 25092

DST#: 3

Test Start: 2006.06.15 @ 06:35:04

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:11:49

Time Test Ended: 11:10:34

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3472.00 ft (KB) To 3527.00 ft (KB) (TVD)**

Total Depth: 3527.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1985.00 ft (KB)

1977.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6741

Inside

Press@RunDepth: 21.13 psig @ 3475.00 ft (KB)

Start Date: 2006.06.15

End Date:

2006.06.15

Capacity: 7000.00 psig

Last Calib.: 2006.06.15

Start Time: 06:35:06

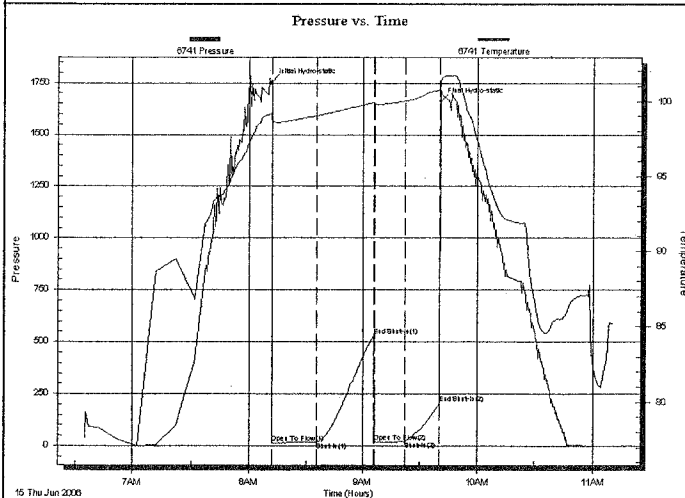
End Time:

11:10:34

Time On Btm: 2006.06.15 @ 08:11:34

Time Off Btm: 2006.06.15 @ 09:40:34

TEST COMMENT: IF Weak died in 5 min
FF No blow
Times 15 30 15 15



PRESSURE SUMMARY

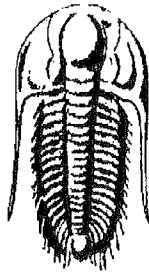
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.28	99.20	Initial Hydro-static
1	12.93	98.31	Open To Flow (1)
24	18.13	99.03	Shut-In(1)
55	527.96	99.90	End Shut-In(1)
55	19.16	99.74	Open To Flow (2)
71	21.13	100.02	Shut-In(2)
89	204.14	100.74	End Shut-In(2)
89	1661.51	101.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/Oil show in tool	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

36 13 17 Ellis KS

Roth # 1

Start Date: 2006.06.15 @ 06:35:04

End Date: 2006.06.15 @ 11:10:34

Job Ticket #: 25092 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Production Corp

Roth # 1

36 13 17 Ellis KS

DST # 3

Arbuckle

2006.06.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25092

DST#: 3

ATTN: Jim Weber

Test Start: 2006.06.15 @ 06:35:04

Tool Information

Drill Pipe:	Length: 3451.00 ft	Diameter: 3.80 inches	Volume: 48.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 48.56 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3472.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 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			3452.00	
Shut In Tool	5.00			3457.00	
Hydraulic tool	5.00			3462.00	
Packer	5.00			3467.00	21.00 Bottom Of Top Packer
Packer	5.00			3472.00	
Stubb	1.00			3473.00	
Perforations	1.00			3474.00	
Change Over Sub	1.00			3475.00	
Recorder	0.00	6741	Inside	3475.00	
Drill Pipe	32.00			3507.00	
Change Over Sub	1.00			3508.00	
Recorder	0.00	13254	Outside	3508.00	
Perforations	16.00			3524.00	
Bullnose	3.00			3527.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp
1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

Roth # 1

36 13 17 Ellis KS

Job Ticket: 25092

DST#: 3

Test Start: 2006.06.15 @ 06:35:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 9000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil show in tool	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

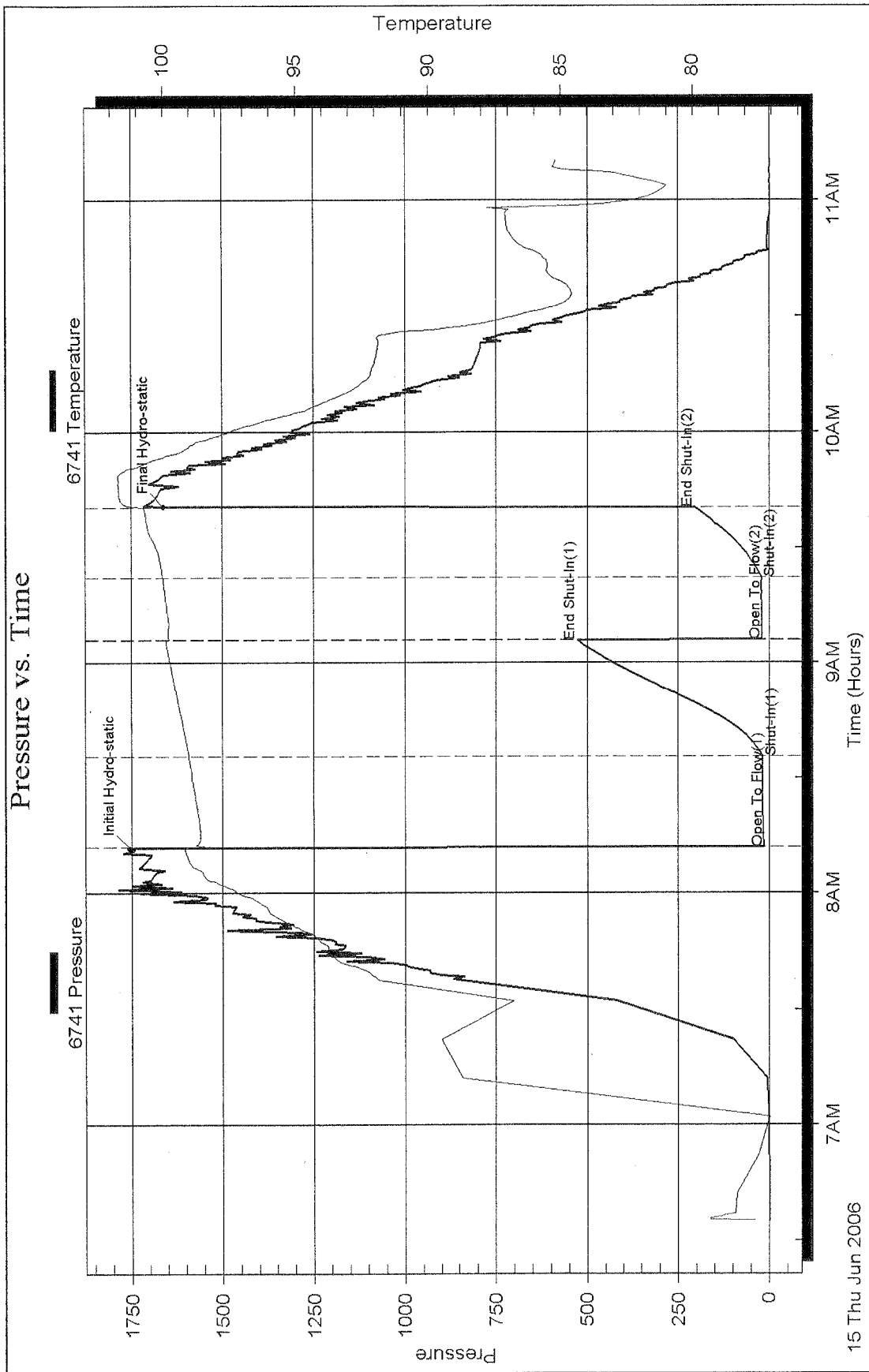
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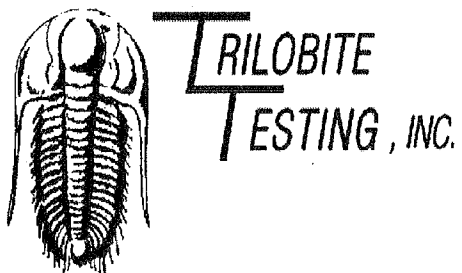
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

36 13 17 Ellis KS

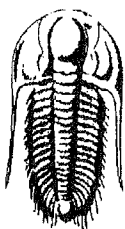
Roth # 1

Start Date: 2006.06.15 @ 20:45:58

End Date: 2006.06.16 @ 01:51:58

Job Ticket #: 25093 DST #: 4

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St Ste 1500
Denver Co 80202

ATTN: Jim Weber

Roth # 1

36 13 17 Ellis KS

Job Ticket: 25093

DST#: 4

Test Start: 2006.06.15 @ 20:45:58

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:28:28

Time Test Ended: 01:51:58

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3527.00 ft (KB) To 3560.00 ft (KB) (TVD)**

Total Depth: 3560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1985.00 ft (KB)

1977.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6741**

Inside

Press@RunDepth: 56.02 psig @ 3528.00 ft (KB)

Start Date: 2006.06.15

End Date:

2006.06.16

Start Time: 20:46:00

End Time:

01:51:58

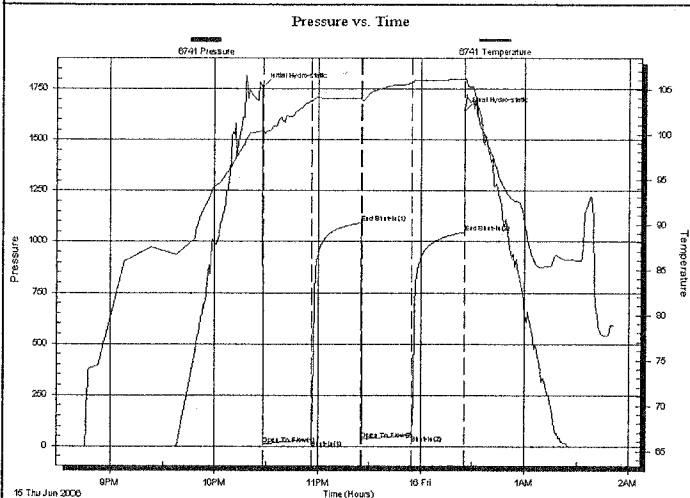
Capacity: 7000.00 psig

Last Calib.: 2006.06.16

Time On Btm: 2006.06.15 @ 22:28:13

Time Off Btm: 2006.06.16 @ 00:25:43

TEST COMMENT: IF Weak building to 3/4 in
FF Weak steady surface blow
Times 30 30 30 30



PRESSURE SUMMARY

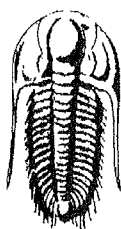
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.60	100.49	Initial Hydro-static
1	11.06	100.08	Open To Flow (1)
29	30.90	103.76	Shut-In(1)
57	1092.69	104.01	End Shut-In(1)
58	34.48	103.77	Open To Flow (2)
87	56.02	105.78	Shut-In(2)
118	1046.98	106.10	End Shut-In(2)
118	1643.67	106.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	DM	0.98

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25093

DST#: 4

ATTN: Jim Weber

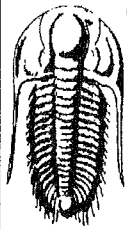
Test Start: 2006.06.15 @ 20:45:58

Tool Information

Drill Pipe:	Length: 3485.00 ft	Diameter: 3.80 inches	Volume: 48.89 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	49.04 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3527.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	33.00 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			3507.00	
Shut In Tool	5.00			3512.00	
Hydraulic tool	5.00			3517.00	
Packer	5.00			3522.00	21.00 Bottom Of Top Packer
Packer	5.00			3527.00	
Stubb	1.00			3528.00	
Recorder	0.00	6741	Inside	3528.00	
Perforations	29.00			3557.00	
Recorder	0.00	13254	Outside	3557.00	
Bullnose	3.00			3560.00	33.00 Bottom Packers & Anchor
Total Tool Length:		54.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp

Roth # 1

1600 Stout St Ste 1500
Denver Co 80202

36 13 17 Ellis KS

Job Ticket: 25093

DST#: 4

ATTN: Jim Weber

Test Start: 2006.06.15 @ 20:45:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	DM	0.980

Total Length: 90.00 ft

Total Volume: 0.980 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

Inside

Coral Production Corp

36 13 17 Ellis KS

DST Test Number: 4

Pressure vs. Time

