12-13s-17w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Co**

ATTN: Mike Englebrecht

12 13 17 Ellis KS

VonLintel 1-12

Start Date: 2006.10.07 @ 00:18:03

End Date: 2006.10.07 @ 05:42:48

Job Ticket #: 26264 DST #: 1

15-051-25575-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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Coral Production Co
VonLintel 1-12
12 13 17 Ellis KS
DST # 1
No Info
2006.10.07

DRILL STEM TEST REPORT

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26264 **DST#: 1**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 00:18:03

GENERAL INFORMATION:

Formation: **No Info**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:04:43
Time Test Ended: 05:42:48

Test Type: Conventional Bottom Hole
Tester: Michael Armbrister
Unit No: 38

Interval: 3300.00 ft (KB) To 3354.00 ft (KB) (TVD)
Total Depth: 3354.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

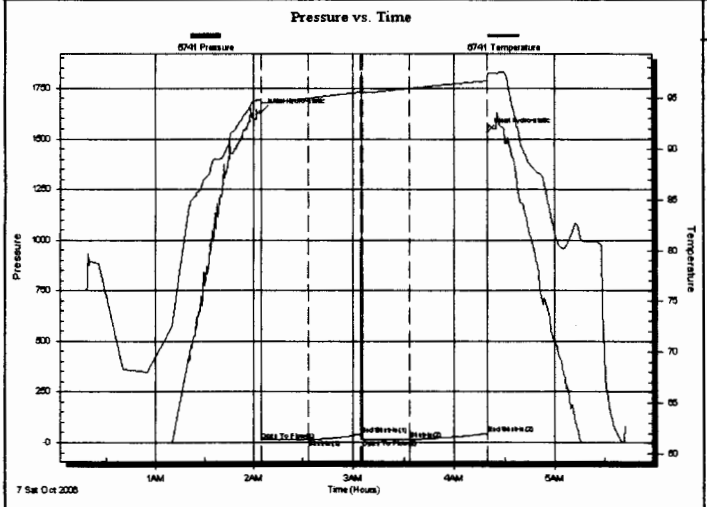
Reference Elevations: 2026.00 ft (KB)
2018.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 14.50 psig @ 3303.00 ft (KB)
Start Date: 2006.10.07 End Date: 2006.10.07
Start Time: 00:18:05 End Time: 05:42:48

Capacity: 7000.00 psig
Last Calib.: 2006.10.07
Time On Btm: 2006.10.07 @ 02:04:33
Time Off Btm: 2006.10.07 @ 04:19:48

TEST COMMENT: IF Weak surface blow died 8 min
ISI No Blow
FF Flushed tool Weak surface blow died 5 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.50	94.87	Initial Hydro-static
1	12.09	94.35	Open To Flow (1)
29	13.09	94.98	Shut-In(1)
60	40.07	95.58	End Shut-In(1)
61	13.71	95.55	Open To Flow (2)
90	14.50	95.96	Shut-In(2)
135	44.18	96.70	End Shut-In(2)
136	1534.38	97.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Drilling Mud	0.03

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26264 **DST#: 1**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 00:18:03

Tool Information

Drill Pipe:	Length:	3294.00 ft	Diameter:	3.80 inches	Volume:	46.21 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	45000.00 lb
					Total Volume:	46.21 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	45000.00 lb
Depth to Top Packer:		3300.00 ft					Final	45000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		54.00 ft						
Tool Length:		78.00 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			3277.00		
Shut In Tool	5.00			3282.00		
Hydraulic tool	5.00			3287.00		
Safety Joint	3.00			3290.00		
Packer	5.00			3295.00	24.00	Bottom Of Top Packer
Packer	5.00			3300.00		
Stubb	1.00			3301.00		
Perforations	1.00			3302.00		
Change Over Sub	1.00			3303.00		
Recorder	0.00	6741	Inside	3303.00		
Drill Pipe	32.00			3335.00		
Change Over Sub	1.00			3336.00		
Recorder	0.00	13254	Outside	3336.00		
Perforations	15.00			3351.00		
Bullnose	3.00			3354.00	54.00	Bottom Packers & Anchor
Total Tool Length:	**78.00**					

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26264 **DST#: 1**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 00:18:03

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

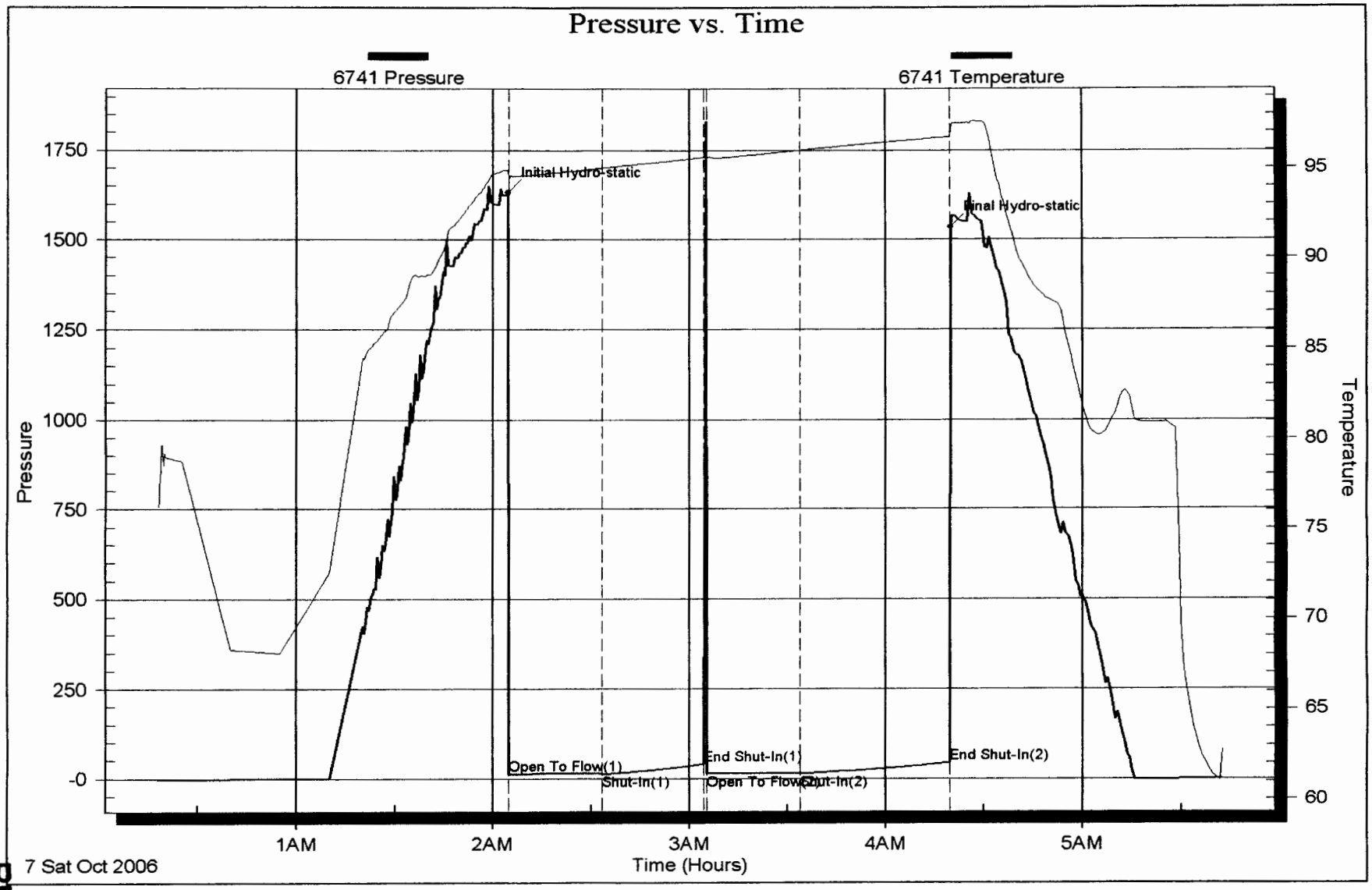
Length ft	Description	Volume bbl
2.00	Drilling Mud	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

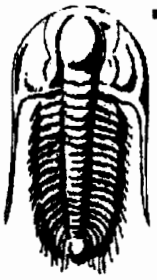
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Co**

ATTN: Mike Englebrecht

12 13 17 Ellis KS

VonLintel 1-12

Start Date: 2006.10.07 @ 11:10:27

End Date: 2006.10.07 @ 16:06:12

Job Ticket #: 26265 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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Coral Production Co
VonLintel 1-12
12 13 17 Ellis KS
DST # 2
No Info
2006.10.07

DRILL STEM TEST REPORT

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26265 **DST#: 2**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 11:10:27

GENERAL INFORMATION:

Formation: **No Info**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:39:27
Time Test Ended: 16:06:12

Test Type: Conventional Bottom Hole
Tester: Michael Armbrister
Unit No: 38

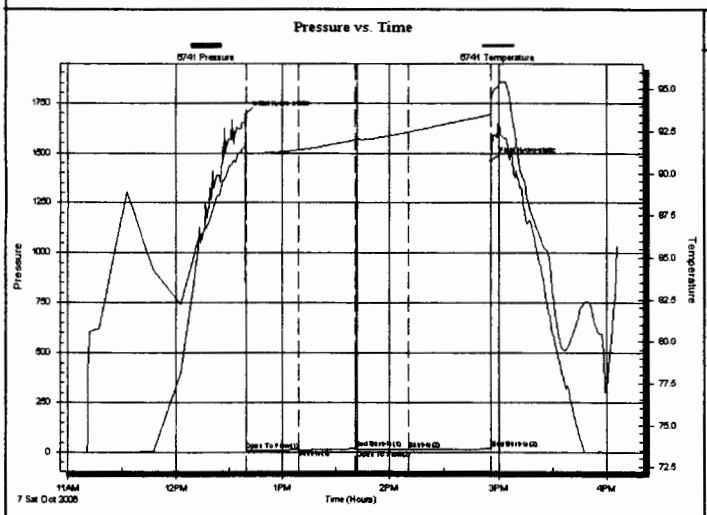
Interval: 3356.00 ft (KB) To 3381.00 ft (KB) (TVD)
Total Depth: 3354.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2026.00 ft (KB)
2018.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**
Press@RunDepth: 14.17 psig @ 3358.00 ft (KB)
Start Date: 2006.10.07 End Date: 2006.10.07
Start Time: 11:10:29 End Time: 16:06:12

Capacity: 7000.00 psig
Last Calib.: 2006.10.07
Time On Btm: 2006.10.07 @ 12:39:17
Time Off Btm: 2006.10.07 @ 14:56:12

TEST COMMENT: IF No Blow
ISI No Blow
FF No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.09	91.55	Initial Hydro-static
1	10.69	91.20	Open To Flow (1)
30	12.53	91.39	Shut-In(1)
62	17.76	91.99	End Shut-In(1)
63	11.75	92.03	Open To Flow (2)
92	14.17	92.46	Shut-In(2)
137	17.49	93.50	End Shut-In(2)
137	1459.08	94.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Drilling Mud	0.01

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26265 **DST#: 2**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 11:10:27

Tool Information

Drill Pipe:	Length:	3354.00 ft	Diameter:	3.80 inches	Volume:	47.05 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		45000.00 lb
					Total Volume:	47.05 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		22.00 ft					String Weight:	Initial	45000.00 lb
Depth to Top Packer:		3356.00 ft						Final	45000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		25.00 ft							
Tool Length:		49.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3333.00		
Shut In Tool	5.00			3338.00		
Hydraulic tool	5.00			3343.00		
Safety Joint	3.00			3346.00		
Packer	5.00			3351.00	24.00	Bottom Of Top Packer
Packer	5.00			3356.00		
Stubb	1.00			3357.00		
Perforations	1.00			3358.00		
Recorder	0.00	6741	Inside	3358.00		
Perforations	20.00			3378.00		
Recorder	0.00	13254	Outside	3378.00		
Bullnose	3.00			3381.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**49.00**					

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26265 **DST#: 2**

ATTN: Mike Englebrecht

Test Start: 2006.10.07 @ 11:10:27

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

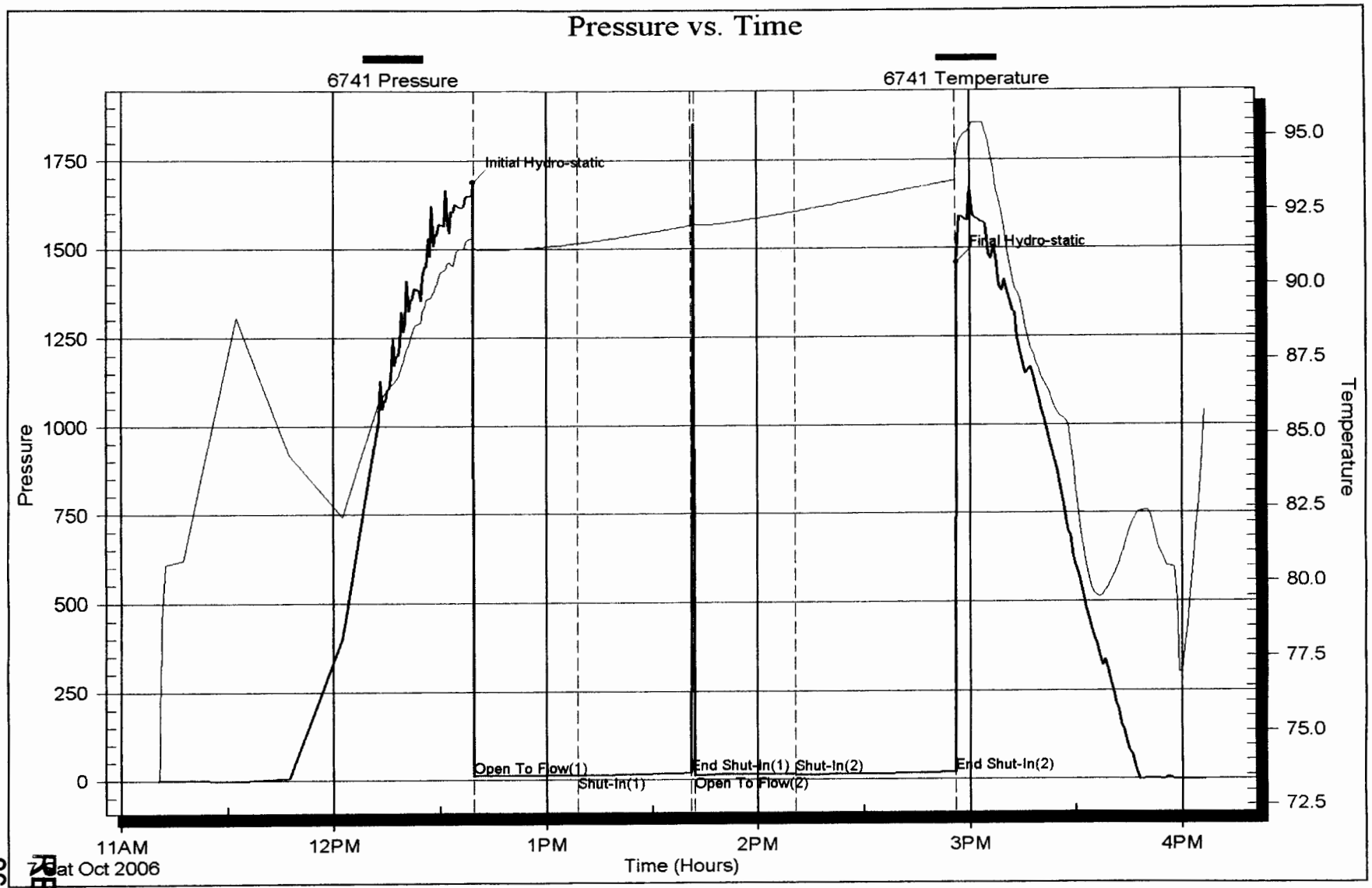
Length ft	Description	Volume bbl
1.00	Drilling Mud	0.014

Total Length: 1.00 ft Total Volume: 0.028 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Co**

ATTN: Mike Englebrecht

12 13 17 Ellis KS

VonLintel 1-12

Start Date: 2006.10.08 @ 04:19:00

End Date: 2006.10.08 @ 09:35:45

Job Ticket #: 26266 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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DRILL STEM TEST REPORT

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26266 **DST#: 3**

ATTN: Mike Englebrecht

Test Start: 2006.10.08 @ 04:19:00

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:50:50
Time Test Ended: 09:35:45

Test Type: Conventional Bottom Hole
Tester: Michael Armbrister
Unit No:

Interval: 3416.00 ft (KB) To 3520.00 ft (KB) (TVD)
Total Depth: 3520.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

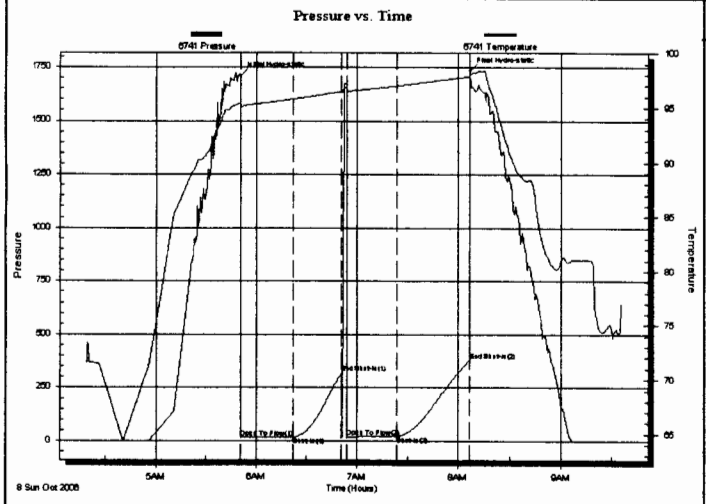
Reference Elevations: 2026.00 ft (KB)
2018.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 20.31 psig @ 3424.00 ft (KB)
Start Date: 2006.10.08 End Date: 2006.10.08
Start Time: 04:19:02 End Time: 09:35:45

Capacity: 7000.00 psig
Last Calib.: 2006.10.08
Time On Btm: 2006.10.08 @ 05:50:30
Time Off Btm: 2006.10.08 @ 08:06:30

TEST COMMENT: IF Weak surface blow died 7 min
ISI No blow
FF Weak surface blow died 7 min
FSI No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.67	95.39	Initial Hydro-static
1	16.06	95.06	Open To Flow (1)
32	17.79	95.79	Shut-In(1)
60	317.71	96.47	End Shut-In(1)
64	19.54	96.53	Open To Flow (2)
93	20.31	96.99	Shut-In(2)
136	378.60	97.86	End Shut-In(2)
136	1732.10	98.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26266 **DST#: 3**

ATTN: Mike Englebrecht

Test Start: 2006.10.08 @ 04:19:00

Tool Information

Drill Pipe:	Length:	3419.00 ft	Diameter:	3.80 inches	Volume:	47.96 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	47.96 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		27.00 ft					String Weight:	Initial	46000.00 lb
Depth to Top Packer:		3416.00 ft						Final	46000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		104.00 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			3393.00		
Shut In Tool	5.00			3398.00		
Hydraulic tool	5.00			3403.00		
Safety Joint	3.00			3406.00		
Packer	5.00			3411.00	24.00	Bottom Of Top Packer
Packer	5.00			3416.00		
Stubb	1.00			3417.00		
Perforations	6.00			3423.00		
Change Over Sub	1.00			3424.00		
Recorder	0.00	6741	Inside	3424.00		
Drill Pipe	63.00			3487.00		
Change Over Sub	1.00			3488.00		
Recorder	0.00	13254	Outside	3488.00		
Perforations	29.00			3517.00		
Bullnose	3.00			3520.00	104.00	Bottom Packers & Anchor
Total Tool Length:	**128.00**					

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Co

VonLintel 1-12

12 13 17 Ellis KS

Job Ticket: 26266 **DST#: 3**

ATTN: Mike Englebrecht

Test Start: 2006.10.08 @ 04:19:00

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

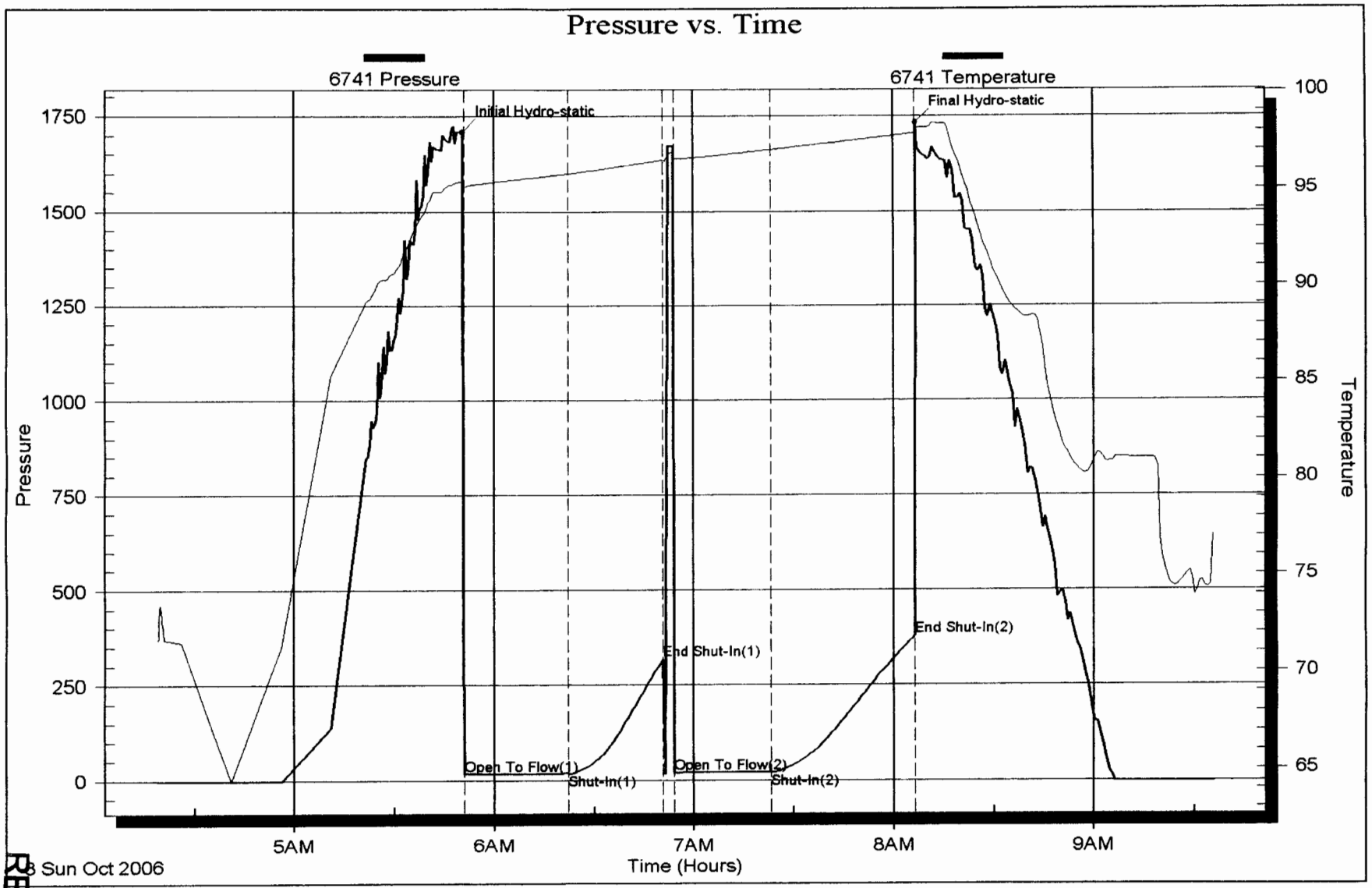
Length ft	Description	Volume bbl
10.00	Drilling Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



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