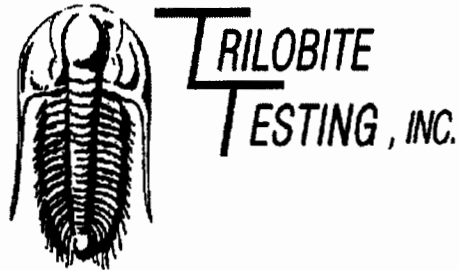


CONFIDENTIAL

MAR 06 2006

KCC



DRILL STEM TEST REPORT

Prepared For: **Berexco**

PO Box 20380  
Wichita KS 67208

ATTN: Bryon Bynog

**14-2s-30w-Decatur**

**Kyte #1**

Start Date: 2006.02.17 @ 14:30:16

End Date: 2006.02.18 @ 04:14:31

Job Ticket #: 24619                      DST #: 1

**RECEIVED**  
**MAR 07 2006**  
**KCC WICHITA**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco

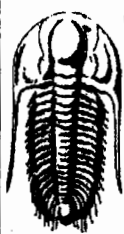
Kyte #1

14-2s-30w-Decatur

DST # 1

L,Kc " B "

2006.02.17



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco  
 PO Box 20380  
 Wichita KS 67208  
 ATTN: Bryon Bynog

**Kyte #1**  
**14-2s-30w-Decatur**  
 Job Ticket: 24619      **DST#: 1**  
 Test Start: 2006.02.17 @ 14:30:16

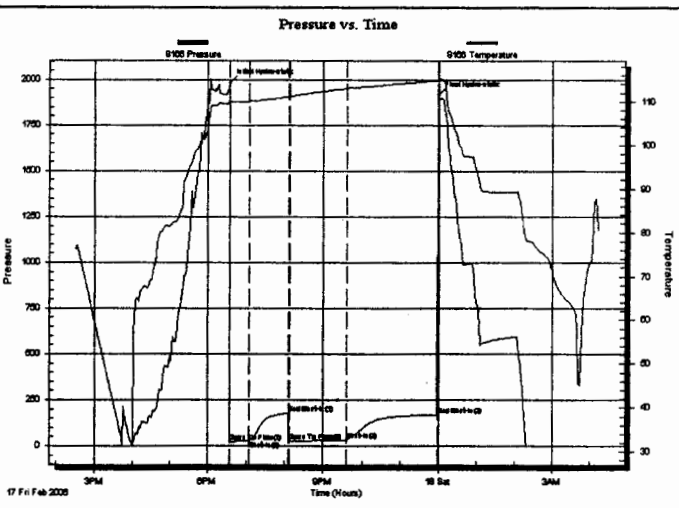
## GENERAL INFORMATION:

Formation: **L,Kc " B "**  
 Deviated: **No Whipstock:**      ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **18:34:46**  
 Tester: **Joe**  
 Time Test Ended: **04:14:31**  
 Unit No: **22**  
 Interval: **3824.00 ft (KB) To 3860.00 ft (KB) (TVD)**  
 Reference Elevations:      **2838.00 ft (KB)**  
 Total Depth: **3860.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Good**  
 KB to GR/CF:      **7.00 ft**

## Serial #: 8166

**Inside**  
 Press@RunDepth:      **30.63 psig @ 3825.00 ft (KB)**      Capacity:      **7000.00 psig**  
 Start Date:      **2006.02.17**      End Date:      **2006.02.18**      Last Calib.:      **2006.02.18**  
 Start Time:      **14:30:17**      End Time:      **04:14:31**      Time On Btrm:      **2006.02.17 @ 18:34:31**  
 Time Off Btrm:      **2006.02.17 @ 23:59:01**

**TEST COMMENT:** F-Weak Surface Blow Built to 1"  
 ISI-Weak Surface Blow back  
 FF-Weak Surface Blow Built to 1" then died after 50 min  
 FSI-No Blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.84	110.48	Initial Hydro-static
1	21.64	110.01	Open To Flow (1)
31	25.16	110.01	Shut-In(1)
92	177.97	111.12	End Shut-In(1)
93	26.39	111.09	Open To Flow (2)
181	30.63	113.02	Shut-In(2)
324	167.34	114.85	End Shut-In(2)
325	1917.05	115.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
31.00	Drilling Mud	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco

**Kyte #1**

PO Box 20380  
Wichita KS 67208

**14-2s-30w-Decatur**

Job Ticket: 24619

**DST#: 1**

ATTN: Bryon Bynog

Test Start: 2006.02.17 @ 14:30:16

### Tool Information

Drill Pipe:	Length: 3455.00 ft	Diameter: 3.80 inches	Volume: 48.46 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: 25000.00 lb
Drill Collar:	Length: 356.00 ft	Diameter: 2.25 inches	Volume: 1.75 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 50.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3824.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3802.00	
Hydraulic tool	5.00			3807.00	
Jars	5.00			3812.00	
Safety Joint	2.00			3814.00	
Packer	5.00			3819.00	27.00 Bottom Of Top Packer
Packer	5.00			3824.00	
Stubb	1.00			3825.00	
Recorder	0.00	8166	Inside	3825.00	
Perforations	32.00			3857.00	
Recorder	0.00	11020	Inside	3857.00	
Bullnose	3.00			3860.00	36.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco Kyte #1  
 PO Box 20380 14-2s-30w-Decatur  
 Wichita KS 67208 Job Ticket: 24619 DST#: 1  
 ATTN: Bryon Bynog Test Start: 2006.02.17 @ 14:30:16

**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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
31.00	Drilling Mud	0.152

Total Length: 31.00 ft      Total Volume: 0.152 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

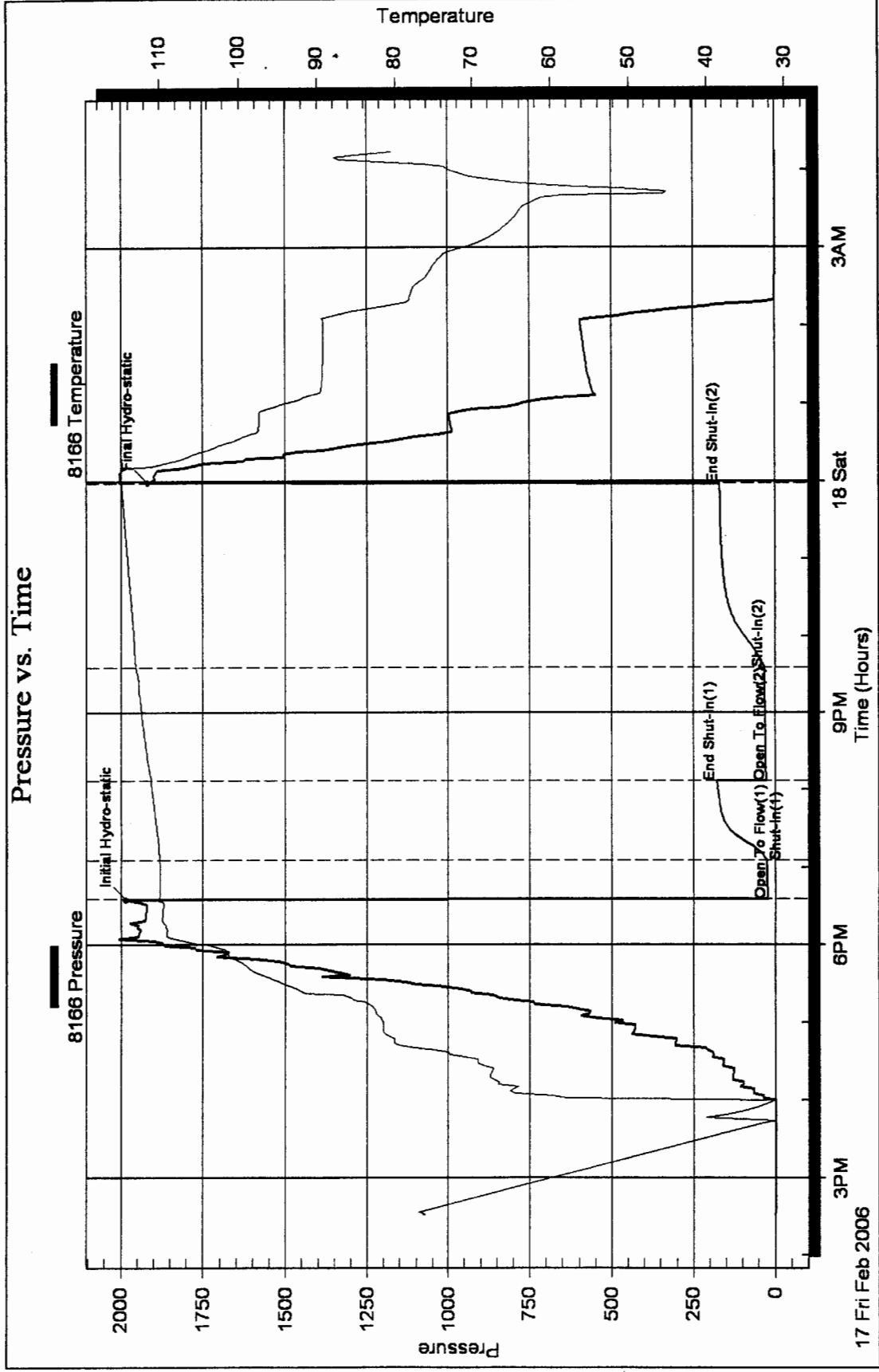
Kyle #1  
14-2s-30w - Decatur

DST Test Number: 1

Berexco

Inside

Serial #: 8166





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco**

PO Box 20380  
Wichita KS 67208

ATTN: Bryon Bynog

**14-2s-30w-Decatur**

**Kyte #1**

Start Date: 2006.02.18 @ 02:24:12

End Date: 2006.02.18 @ 15:09:12

Job Ticket #: 24620                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco

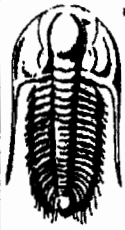
Kyte #1

14-2s-30w-Decatur

DST # 2

L,Kc "F"

2006.02.18



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco  
PO Box 20380  
Wichita KS 67208  
ATTN: Bryon Bynog

**Kyte #1**  
**14-2s-30w-Decatur**  
Job Ticket: 24620      **DST#: 2**  
Test Start: 2006.02.18 @ 02:24:12

## GENERAL INFORMATION:

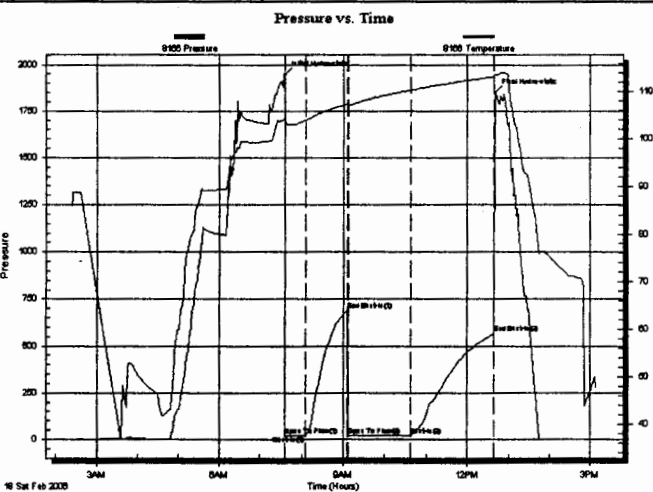
Formation: **L,Kc "F"**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: **07:36:42**  
 Time Test Ended: **15:09:12**  
 Interval: **3865.00 ft (KB) To 3915.00 ft (KB) (TVD)**  
 Total Depth: **33915.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Joe**  
 Unit No: **22**  
 Reference Elevations: **2838.00 ft (KB)**  
**2831.00 ft (CF)**  
 KB to GR/CF: **7.00 ft**

## Serial #: 8166

Inside

Press@RunDepth: **20.65 psig @ 3866.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2006.02.18** End Date: **2006.02.18** Last Calib.: **2006.02.19**  
 Start Time: **02:24:13** End Time: **15:09:12** Time On Btm: **2006.02.18 @ 07:36:12**  
 Time Off Btm: **2006.02.18 @ 12:40:42**

TEST COMMENT: **F-Weak Surface Blow Died after 20 min**  
**SI-No Blow back**  
**FF-No Blow**  
**FSI-No Blow back**



## PRESSURE SUMMARY

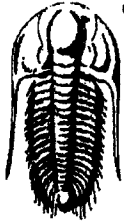
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.54	104.34	Initial Hydro-static
1	18.56	103.81	Open To Flow (1)
30	18.33	103.91	Shut-In(1)
90	691.74	107.40	End Shut-In(1)
91	19.44	107.21	Open To Flow (2)
181	20.65	110.28	Shut-In(2)
304	567.80	113.19	End Shut-In(2)
305	1848.84	113.70	Final Hydro-static

## 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**

Berexco

**Kyte #1**

PO Box 20380  
Wichita KS 67208

**14-2s-30w-Decatur**

Job Ticket: 24620

**DST#: 2**

ATTN: Bryon Bynog

Test Start: 2006.02.18 @ 02:24:12

**Tool Information**

Drill Pipe:	Length: 3858.00 ft	Diameter: 3.80 inches	Volume: 54.12 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 54.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3865.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3850.00	
Hydraulic tool	5.00			3855.00	
Packer	5.00			3860.00	20.00 Bottom Of Top Packer
Packer	5.00			3865.00	
Stubb	1.00			3866.00	
Recorder	0.00	8166	Inside	3866.00	
Change Over Sub	1.00			3867.00	
Blank Spacing	31.00			3898.00	
Change Over Sub	1.00			3899.00	
Perforations	13.00			3912.00	
Recorder	0.00	11020	Inside	3912.00	
Bullhose	3.00			3915.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco

**Kyte #1**

PO Box 20380  
Wichita KS 67208

**14-2s-30w-Decatur**

Job Ticket: 24620

**DST#: 2**

ATTN: Bryon Bynog

Test Start: 2006.02.18 @ 02:24:12

### 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: 62.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	Drilling Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Kyle #1

14-2s-30w-Decatur

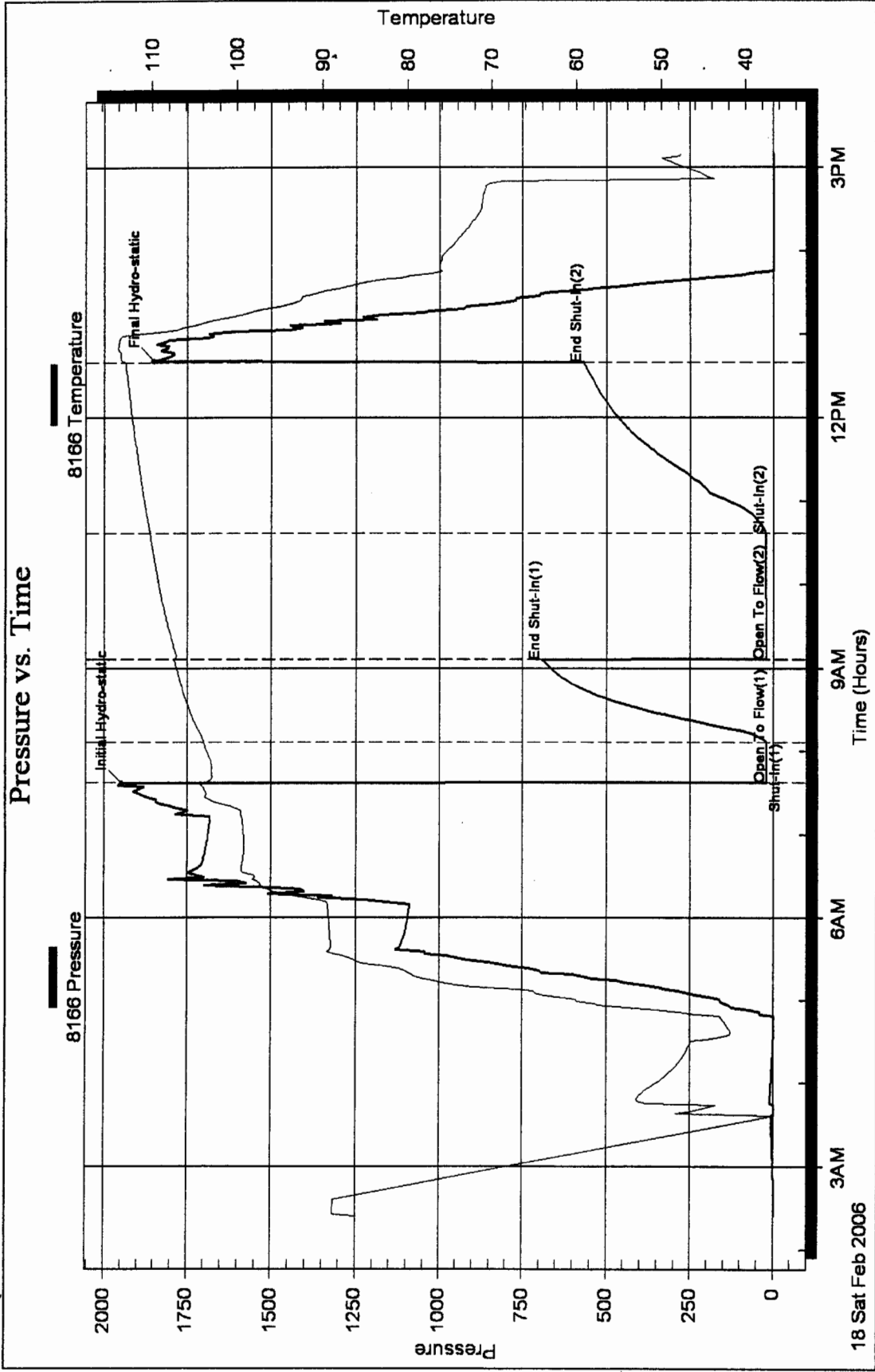
Berexco

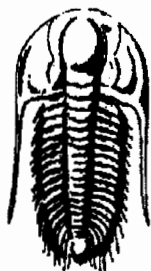
Inside

Serial #: 8166

DST Test Number: 2

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco**

PO Box 20380  
Wichita KS 67208

ATTN: Bryon Bynog

**14-2s-30w-Decatur**

**Kyte #1**

Start Date: 2006.02.20 @ 09:06:09

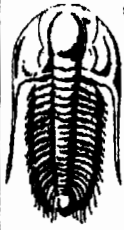
End Date: 2006.02.20 @ 19:47:39

Job Ticket #: 24621                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Berexco  
 PO Box 20380  
 Wichita KS 67208  
 ATTN: Bryon Bynog

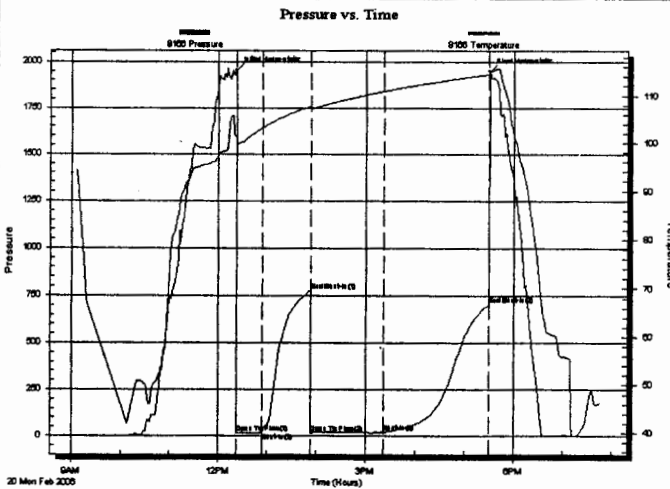
**Kyte #1**  
**14-2s-30w-Decatur**  
 Job Ticket: 24621      **DST#: 3**  
 Test Start: 2006.02.20 @ 09:06:09

**GENERAL INFORMATION:**

Formation: L,Kc "J"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:22:54  
 Time Test Ended: 19:47:39  
 Interval: 3948.00 ft (KB) To 3985.00 ft (KB) (TVD)  
 Total Depth: 3985.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Joe  
 Unit No: 22  
 Reference Elevations: 2838.00 ft (KB)  
 2831.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8166**      **Inside**  
 Press@RunDepth: 19.36 psig @ 3949.00 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2006.02.20      End Date: 2006.02.20      Last Calib.: 2006.02.20  
 Start Time: 09:06:10      End Time: 19:47:39      Time On Btm: 2006.02.20 @ 12:22:39  
 Time Off Btm: 2006.02.20 @ 17:30:24

**TEST COMMENT:** F-Dead  
 IS-Dead  
 FF-Dead  
 FSI-Dead



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.21	101.13	Initial Hydro-static
1	15.30	100.44	Open To Flow (1)
33	17.21	103.27	Shut-in(1)
91	776.62	107.66	End Shut-in(1)
91	17.62	107.50	Open To Flow (2)
179	19.36	110.88	Shut-in(2)
308	704.53	114.46	End Shut-in(2)
308	1948.27	114.92	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	OCM5%O95%M	0.21

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Berexco  
PO Box 20380  
Wichita KS 67208  
ATTN: Bryon Bynog

**Kyte #1**  
**14-2s-30w-Decatur**  
Job Ticket: 24621      DST#: 3  
Test Start: 2006.02.20 @ 09:06:09

**Tool Information**

Drill Pipe:	Length: 3952.00 ft	Diameter: 3.80 inches	Volume: 55.44 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 55.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3948.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3933.00	
Hydraulic tool	5.00			3938.00	
Packer	5.00			3943.00	20.00      Bottom Of Top Packer
Packer	5.00			3948.00	
Stubb	1.00			3949.00	
Recorder	0.00	8166	Inside	3949.00	
Perforations	33.00			3982.00	
Recorder	0.00	11020	Inside	3982.00	
Bullnose	3.00			3985.00	37.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>57.00</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco  
PO Box 20380  
Wichita KS 67208  
ATTN: Bryon Bynog

**Kyte #1**  
**14-2s-30w-Decatur**  
Job Ticket: 24621      **DST#: 3**  
Test Start: 2006.02.20 @ 09:06:09

**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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM5%O95%M	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Lyle #1

14-2s-30w-Decatur

Berexco

Inside

Serial #: 8166

DST Test Number: 3

### Pressure vs. Time

