

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drlg Co Inc**

100 S Main Ste 505
Wichita Ks 67202-3738

ORIGINAL

ATTN: Larry Richardson

25-16s-26w Ness Ks

Babcock "G"#4

Start Date: 2003.04.15 @ 20:47:00
End Date: 2003.04.16 @ 04:45:59
Job Ticket #: 16989 DST #: 1

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

DRILL STEM TEST REPORT

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16989 **DST#: 1**

Test Start: 2003.04.15 @ 20:47:00

GENERAL INFORMATION:

Formation: **Fort Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:29:59
Time Test Ended: 04:45:59

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 4390.00 ft (KB) To 4440.00 ft (KB) (TVD)
Total Depth: 4440.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

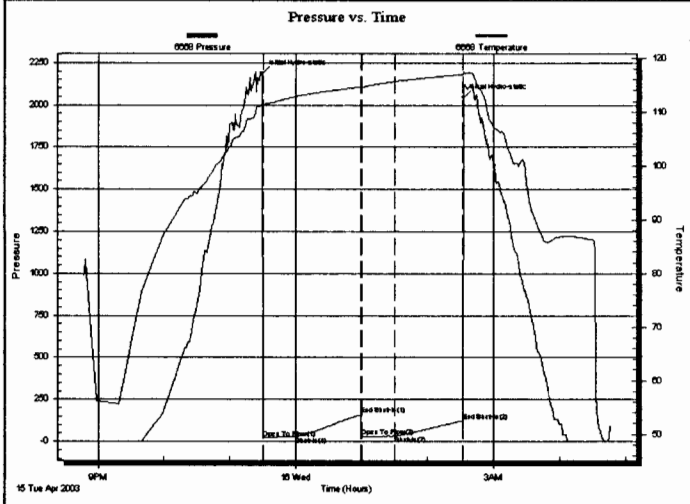
Reference Elevations: 2607.00 ft (KB)
2602.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 32.51 psig @ 4391.01 ft (KB)
Start Date: 2003.04.15 End Date: 2003.04.16
Start Time: 20:47:00 End Time: 04:45:59

Capacity: 7000.00 psig
Last Calib.: 2003.04.16
Time On Btm: 2003.04.15 @ 23:29:29
Time Off Btm: 2003.04.16 @ 02:32:29

TEST COMMENT: IFP-weak surface blow throughout
FFP-weak surface blow throughout
Times 30-60-30-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.96	111.71	Initial Hydro-static
1	19.63	111.44	Open To Flow (1)
31	28.21	112.89	Shut-In(1)
90	158.63	114.67	End Shut-In(1)
91	29.05	114.65	Open To Flow (2)
121	32.51	115.67	Shut-In(2)
183	123.22	117.03	End Shut-In(2)
183	2044.38	117.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCM 2%oil 98%mud	0.10
0.00	40 GIP	0.00

Gas Rates

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

ORIGINAL

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16989 **DST#: 1**

Test Start: 2003.04.15 @ 20:47:00

Tool Information

Drill Pipe:	Length:	4149.00 ft	Diameter:	3.80 inches	Volume:	58.20 bbl	Tool Weight:		2200.00 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:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:		75000.00 lb
					Total Volume:	59.38 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		22.00 ft					String Weight:	Initial	66000.00 lb
Depth to Top Packer:		4390.00 ft						Final	66000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		50.02 ft							
Tool Length:		73.02 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			4368.00		
Shut In Tool	5.00			4373.00		
Hydraulic tool	5.00			4378.00		
Safety Joint	2.00			4380.00		
Packer	5.00			4385.00	23.00	Bottom Of Top Packer
Packer	5.00			4390.00		
Stubb	1.00			4391.00		
Recorder	0.01	6668	Inside	4391.01		
Perforations	13.00			4404.01		
Change Over Sub	1.00			4405.01		
Blank Spacing	31.00			4436.01		
Change Over Sub	1.00			4437.01		
Recorder	0.01	11085	Outside	4437.02		
Bullnose	3.00			4440.02	50.02	Bottom Packers & Anchor
Total Tool Length:	**73.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16989 **DST#: 1**

Test Start: 2003.04.15 @ 20:47:00

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.33 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

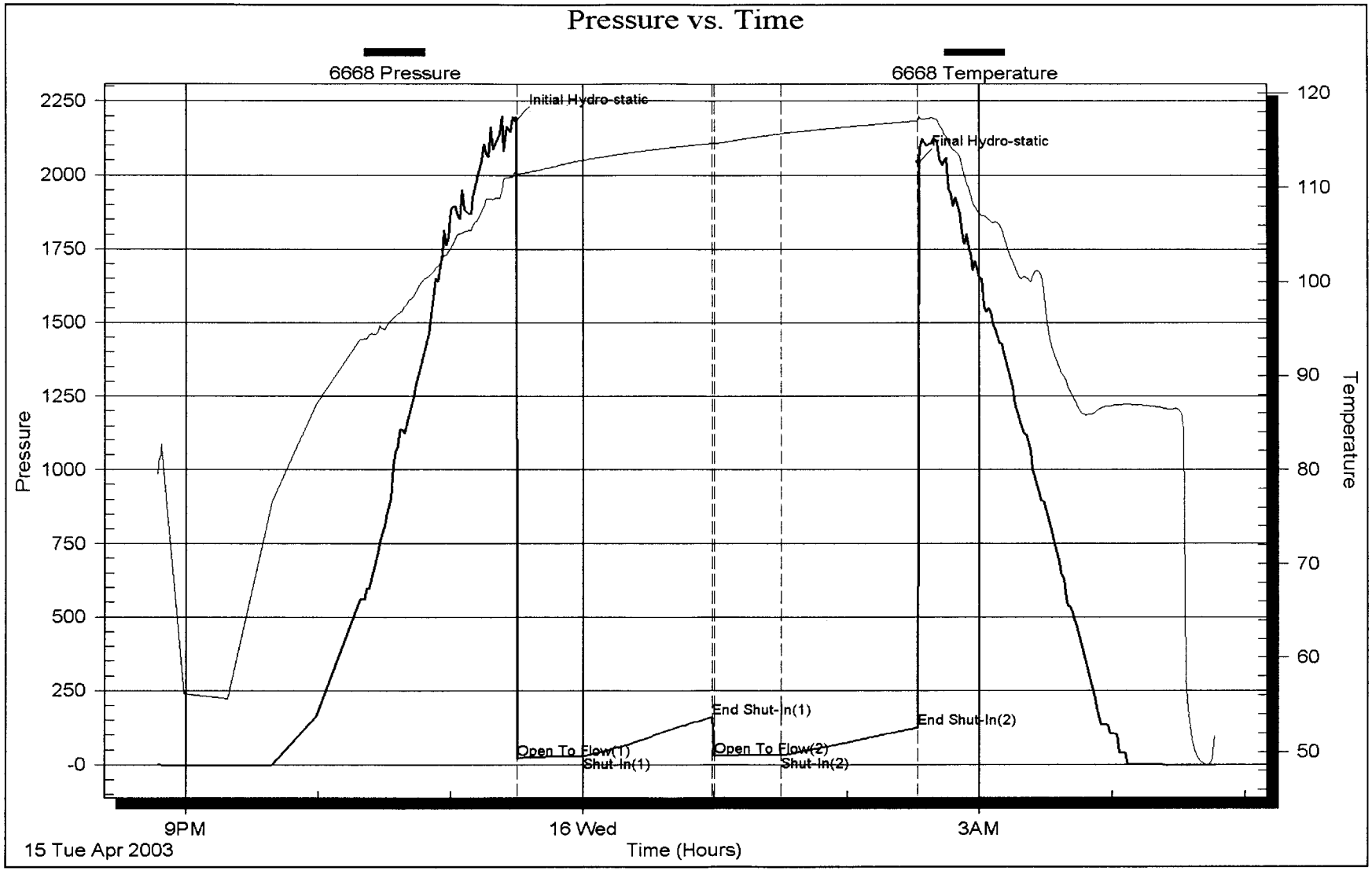
Length ft	Description	Volume bbl
20.00	SOCM 2%oil 98%mud	0.098
0.00	40 GIP	0.000

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
2250
2000
1750
1500
1250
1000
750
500
250
-0
Pressure
120
110
100
90
80
70
60
50
Temperature
9PM
16 Wed
3AM
15 Tue Apr 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drlg Co Inc**

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

25-16s-26w Ness Ks

Babcock "G"#4

Start Date: 2003.04.16 @ 20:47:00

End Date: 2003.04.17 @ 00:00:00

Job Ticket #: 16990 DST #: 2

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

DRILL STEM TEST REPORT

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16990 **DST#: 2**

Test Start: 2003.04.16 @ 20:47:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

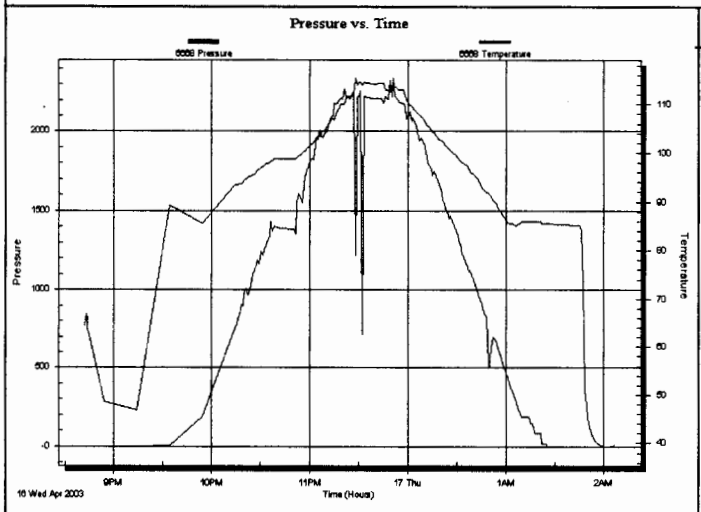
Interval: 4480.00 ft (KB) To 4505.00 ft (KB) (TVD)
Total Depth: 4505.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2607.00 ft (KB)
2602.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: psig @ 4481.01 ft (KB)
Start Date: 2003.04.16 End Date: 2003.04.17
Start Time: 20:42:13 End Time: 02:06:42

Capacity: 7000.00 psig
Last Calib.: 2003.04.17
Time On Btm:
Time Off Btm:

TEST COMMENT: Packer failure, set twice



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
360.00	mud - packer failure	2.86

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16990 **DST#: 2**

Test Start: 2003.04.16 @ 20:47:00

Tool Information

Drill Pipe:	Length:	4240.00 ft	Diameter:	3.80 inches	Volume:	59.48 bbl	Tool Weight:		2200.00 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:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:		85000.00 lb
					Total Volume:	60.66 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		23.00 ft					String Weight:	Initial	66000.00 lb
Depth to Top Packer:		4480.00 ft						Final	67000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		28.02 ft							
Tool Length:		51.02 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			4458.00		
Shut In Tool	5.00			4463.00		
Hydraulic tool	5.00			4468.00		
Safety Joint	2.00			4470.00		
Packer	5.00			4475.00	23.00	Bottom Of Top Packer
Packer	5.00			4480.00		
Stubb	1.00			4481.00		
Recorder	0.01	6668	Inside	4481.01		
Perforations	24.00			4505.01		
Recorder	0.01	11085	Outside	4505.02		
Bullnose	3.00			4508.02	28.02	Bottom Packers & Anchor
Total Tool Length:	**51.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16990 **DST#: 2**

Test Start: 2003.04.16 @ 20:47:00

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.54 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3100.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

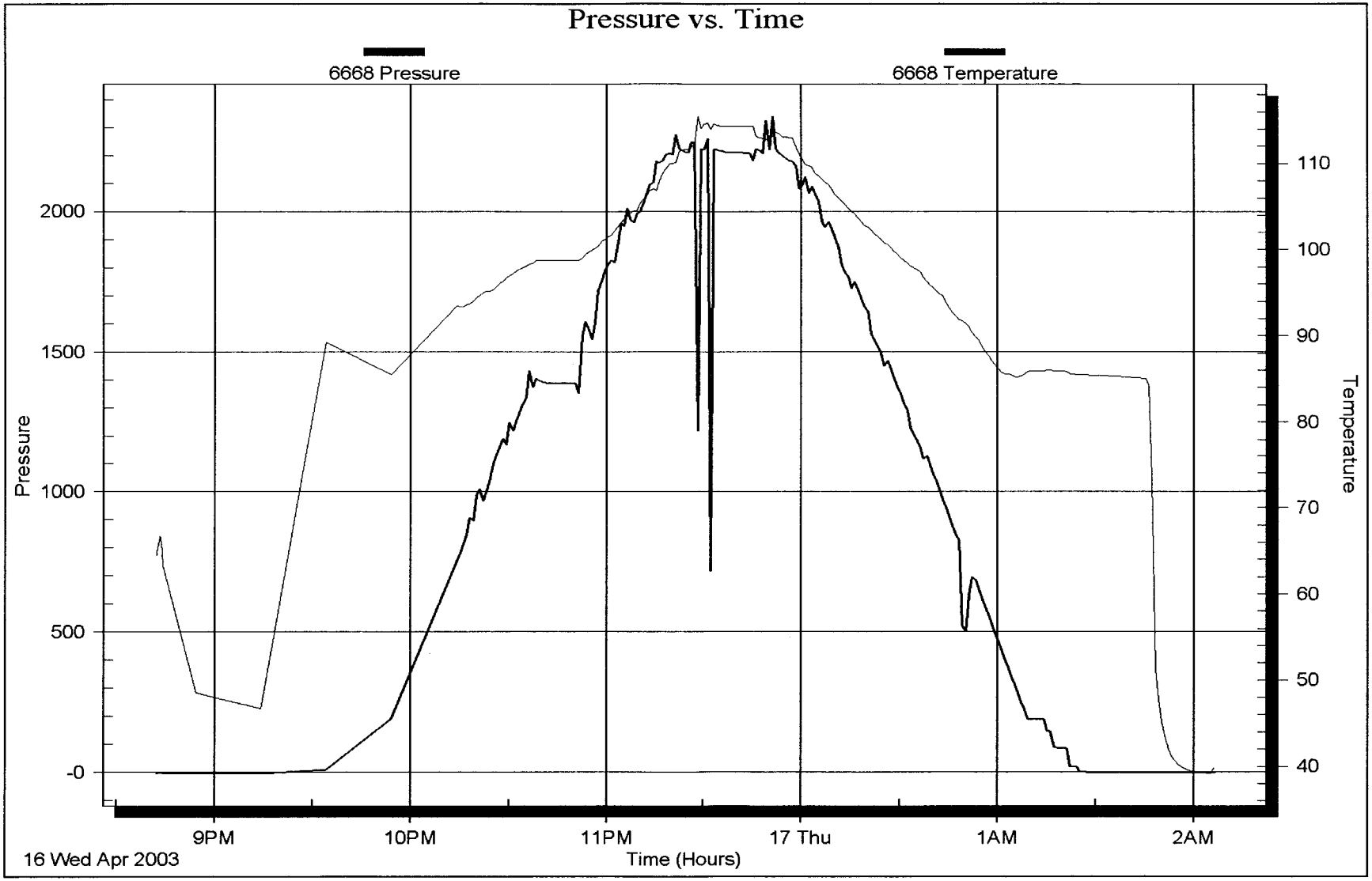
Length ft	Description	Volume bbl
360.00	mud - packer failure	2.864

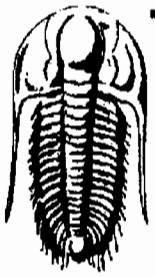
Total Length: 360.00 ft Total Volume: 2.864 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 1#LCM


Pressure vs. Time
6668 Pressure
6668 Temperature
2000
1500
1000
500
-0
Pressure
110
100
90
80
70
60
50
40
Temperature
9PM
10PM
11PM
17 Thu
1AM
2AM
16 Wed Apr 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drlg Co Inc**

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

25-16s-26w Ness Ks

Babcock "G"#4

Start Date: 2003.04.17 @ 02:14:02

End Date: 2003.04.17 @ 09:16:01

Job Ticket #: 16991 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16991 **DST#: 3**

Test Start: 2003.04.17 @ 02:14:02

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:08:01
Time Test Ended: 09:16:01

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 4455.00 ft (KB) To 4508.00 ft (KB) (TVD)
Total Depth: 4508.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

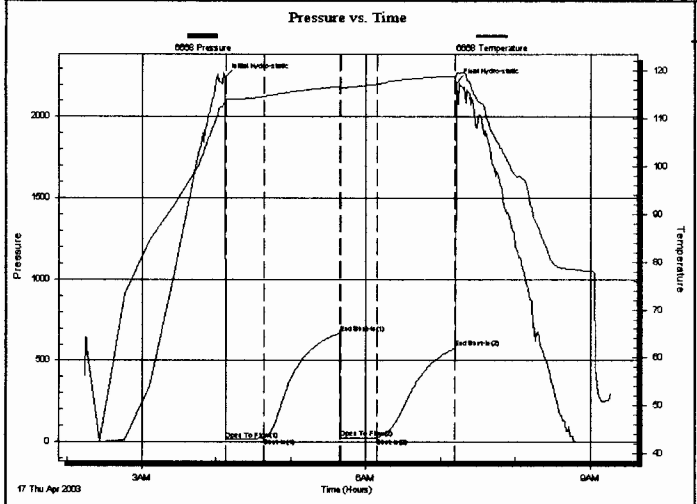
Reference Elevations: 2607.00 ft (KB)
2602.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 25.83 psig @ 4456.01 ft (KB)
Start Date: 2003.04.17 End Date: 2003.04.17
Start Time: 02:14:02 End Time: 09:16:01

Capacity: 7000.00 psig
Last Calib.: 2003.04.17
Time On Btm: 2003.04.17 @ 04:07:31
Time Off Btm: 2003.04.17 @ 07:12:31

TEST COMMENT: IFP-weak blow throughout 3/4" to 1/2"blow
FFP-no blow
Times 30-60-30-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2243.09	113.60	Initial Hydro-static
1	15.89	113.65	Open To Flow (1)
31	21.60	114.61	Shut-In(1)
92	670.30	116.72	End Shut-In(1)
92	23.90	116.50	Open To Flow (2)
122	25.83	117.17	Shut-In(2)
184	576.84	118.92	End Shut-In(2)
185	2212.57	119.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 2%oil 98%mud	0.05
0.00	w/show of oil on top	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16991 **DST#: 3**

Test Start: 2003.04.17 @ 02:14:02

Tool Information

Drill Pipe:	Length:	4199.00 ft	Diameter:	3.80 inches	Volume:	58.90 bbl	Tool Weight:		2200.00 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:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:		100000.0 lb
					Total Volume:	60.08 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight:	Initial	66000.00 lb
Depth to Top Packer:		4455.00 ft						Final	66000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		53.02 ft							
Tool Length:		76.02 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			4433.00		
Shut In Tool	5.00			4438.00		
Hydraulic tool	5.00			4443.00		
Safety Joint	2.00			4445.00		
Packer	5.00			4450.00	23.00	Bottom Of Top Packer
Packer	5.00			4455.00		
Stubb	1.00			4456.00		
Recorder	0.01	6668	Inside	4456.01		
Perforations	1.00			4457.01		
Change Over Sub	1.00			4458.01		
Blank Spacing	31.00			4489.01		
Change Over Sub	1.00			4490.01		
Perforations	15.00			4505.01		
Recorder	0.01	11085	Outside	4505.02		
Bullnose	3.00			4508.02	53.02	Bottom Packers & Anchor
Total Tool Length:	**76.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16991 **DST#: 3**

Test Start: 2003.04.17 @ 02:14:02

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.31 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

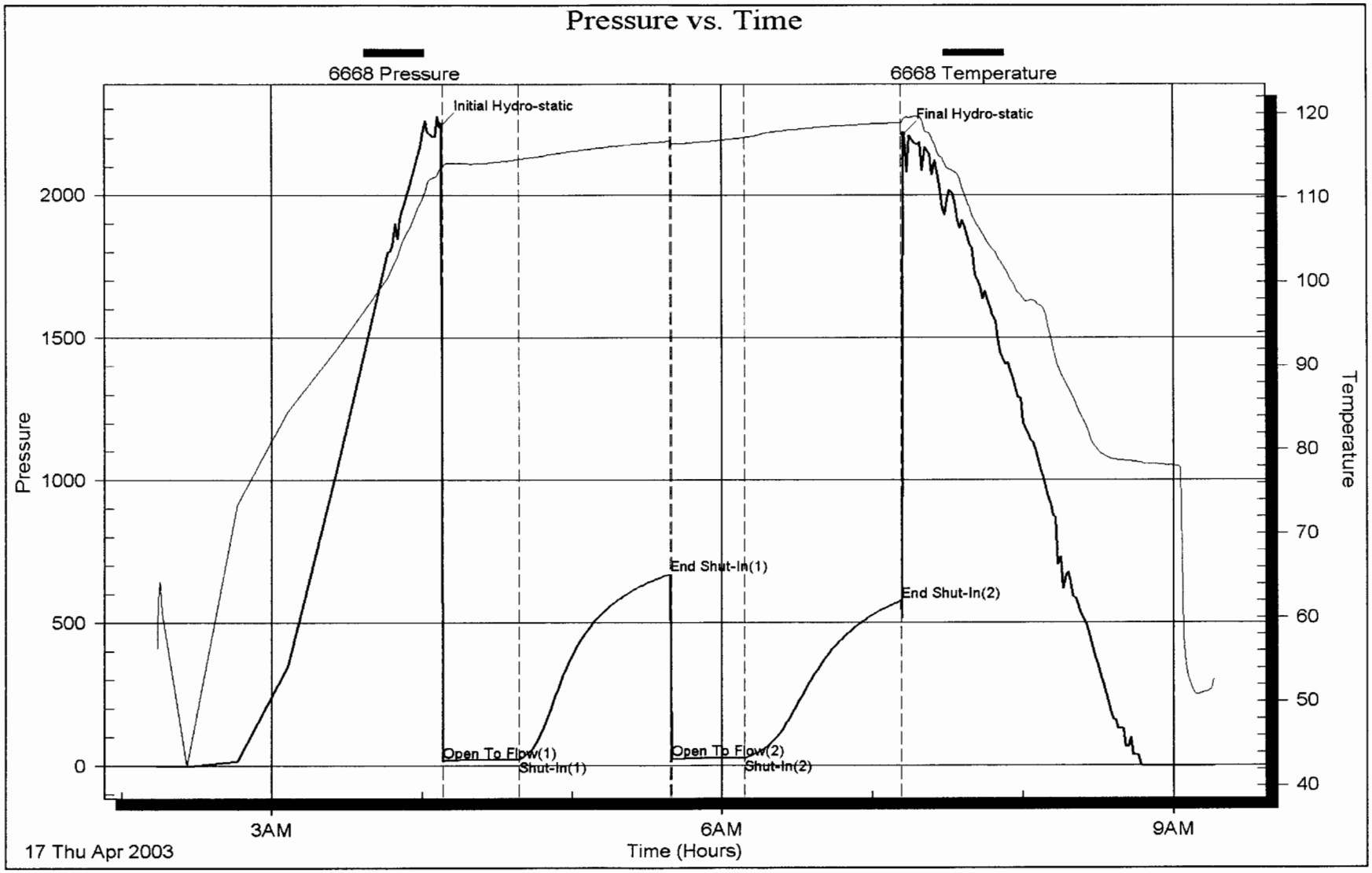
Length ft	Description	Volume bbl
10.00	SOCM 2%oil 98%mud	0.049
0.00	w/show of oil on top	0.000

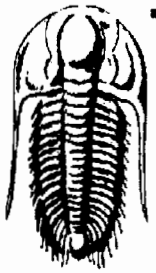
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
40
3AM
6AM
9AM
17 Thu Apr 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drlg Co Inc**

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

25-16s-26w Ness Ks

Babcock "G"#4

Start Date: 2003.04.17 @ 18:05:03
End Date: 2003.04.18 @ 03:52:32
Job Ticket #: 16992 DST #: 4

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

DRILL STEM TEST REPORT

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16992 **DST#: 4**

Test Start: 2003.04.17 @ 18:05:03

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:34:02
Time Test Ended: 03:52:32

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 4453.00 ft (KB) To 4513.00 ft (KB) (TVD)
Total Depth: 4513.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

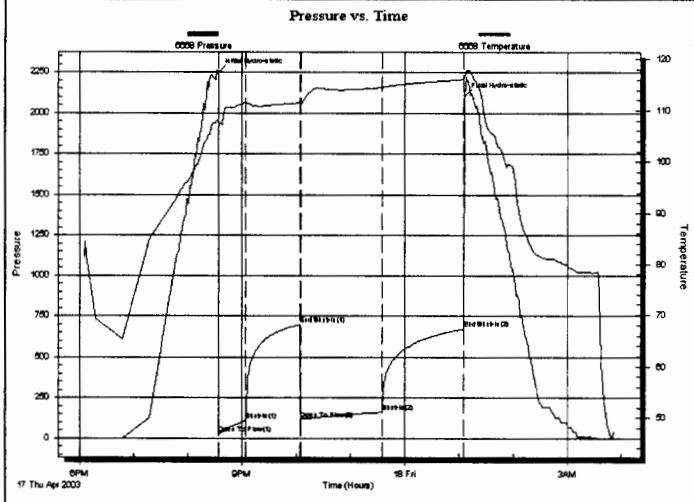
Reference Elevations: 2607.00 ft (KB)
2602.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 162.35 psig @ 4458.01 ft (KB)
Start Date: 2003.04.17 End Date: 2003.04.18
Start Time: 18:05:03 End Time: 03:52:32

Capacity: 7000.00 psig
Last Calib.: 2003.04.18
Time On Btm: 2003.04.17 @ 20:33:32
Time Off Btm: 2003.04.18 @ 01:06:32

TEST COMMENT: IFP-weak to a good blow 1/2"to 8"blow
FFP-weak blow throughout 1/4"to 3"blow
Times 30-60-90-90
no blow on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2253.89	108.17	Initial Hydro-static
1	27.29	107.37	Open To Flow (1)
31	109.67	111.46	Shut-In(1)
91	699.08	111.47	End Shut-In(1)
92	118.45	111.27	Open To Flow (2)
182	162.35	114.44	Shut-In(2)
273	673.53	116.09	End Shut-In(2)
273	2107.14	116.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HO&GCM 20%gas 30%oil 50%mud	0.89
210.00	Clean Oil	2.40
0.00	120 GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16992 **DST#: 4**

Test Start: 2003.04.17 @ 18:05:03

Tool Information

Drill Pipe:	Length:	4210.00 ft	Diameter:	3.80 inches	Volume:	59.06 bbl	Tool Weight:		2200.00 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:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:		75000.00 lb
					Total Volume:	60.24 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight:	Initial	66000.00 lb
Depth to Top Packer:		4453.00 ft						Final	67000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		60.02 ft							
Tool Length:		83.02 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			4431.00		
Shut In Tool	5.00			4436.00		
Hydraulic tool	5.00			4441.00		
Safety Joint	2.00			4443.00		
Packer	5.00			4448.00	23.00	Bottom Of Top Packer
Packer	5.00			4453.00		
Stubb	1.00			4454.00		
Perforations	3.00			4457.00		
Change Over Sub	1.00			4458.00		
Recorder	0.01	6668	Inside	4458.01		
Blank Spacing	31.00			4489.01		
Change Over Sub	1.00			4490.01		
Recorder	0.01	11085	Outside	4490.02		
Perforations	20.00			4510.02		
Bullnose	3.00			4513.02	60.02	Bottom Packers & Anchor
Total Tool Length:	**83.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drlg Co Inc

100 S Main Ste 505
Wichita Ks 67202-3738

ATTN: Larry Richardson

Babcock "G"#4

25-16s-26w Ness Ks

Job Ticket: 16992 **DST#: 4**

Test Start: 2003.04.17 @ 18:05:03

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	38 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

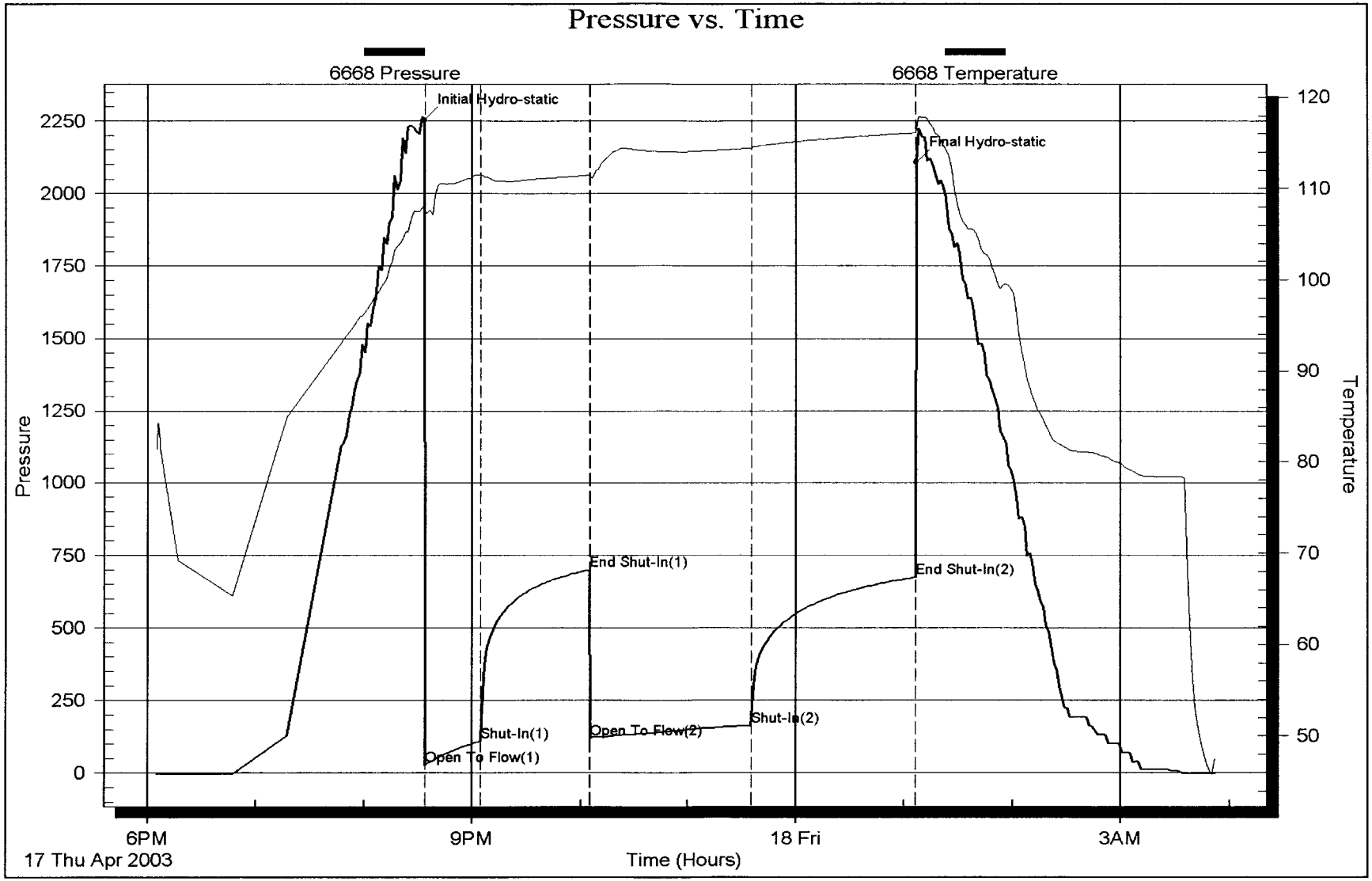
Length ft	Description	Volume bbl
180.00	HO&GCM 20%gas 30%oil 50%mud	0.885
210.00	Clean Oil	2.399
0.00	120 GIP	0.000

Total Length: 390.00 ft Total Volume: 3.284 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
6PM
17 Thu Apr 2003
9PM
18 Fri
3AM
Time (Hours)