15-147-20611 27-4s-18w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.01 @ 23:22:13
End Date: 2007.12.02 @ 05:30:52
Job Ticket #: 30664 DST #: 1

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

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30664 **DST#: 1**

Test Start: 2007.12.01 @ 23:22:13

GENERAL INFORMATION:

Formation: **Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:17:23
Time Test Ended: 05:30:52

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

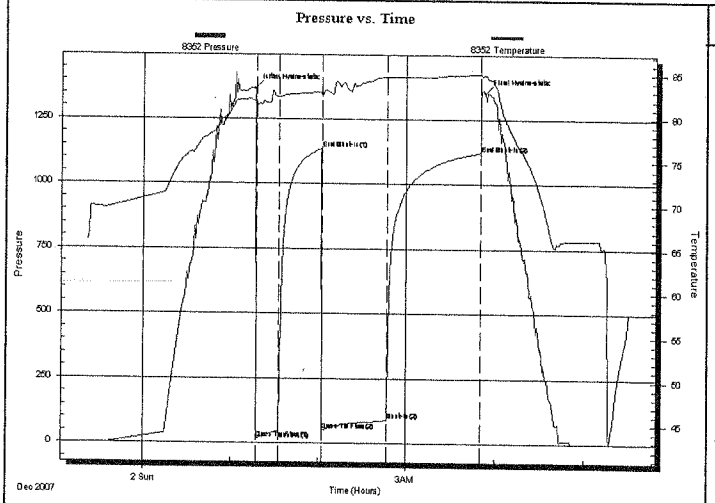
Interval: 2880.00 ft (KB) To 2965.00 ft (KB) (TVD)
Total Depth: 2965.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 88.15 psig @ 2881.00 ft (KB)
Start Date: 2007.12.01 End Date: 2007.12.02
Start Time: 23:22:15 End Time: 05:30:53

Capacity: 7000.00 psig
Last Calib.: 2007.12.02
Time On Btm: 2007.12.02 @ 01:16:43
Time Off Btm: 2007.12.02 @ 03:53:33

TEST COMMENT: IF Fairly weak blow built to 4 " in bucket
ISI No blow back
FF Fairly weak blow built to 6.5 " in bucket
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1367.47	81.98	Initial Hydro-static
1	16.39	81.49	Open To Flow (1)
17	45.80	82.36	Shut-In(1)
46	1136.28	82.98	End Shut-In(1)
46	49.40	82.46	Open To Flow (2)
91	88.15	84.66	Shut-In(2)
154	1120.86	85.03	End Shut-In(2)
157	1352.96	84.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WM 45%W 55%M	0.30
62.00	Slightly WcM 8%W 92%M	0.30
31.00	Very slightly WcM 1%W 99%M	0.43
0.00	Oil spots in tool	0.00
0.00	RW=.56 OHMS@ 31 deg F= 28,000 ppm	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30664 **DST#: 1**

Test Start: 2007.12.01 @ 23:22:13

Tool Information

Drill Pipe:	Length:	2753.00 ft	Diameter:	3.80 inches	Volume:	38.62 bbl	Tool Weight:	3000.00 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:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	39.23 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		2880.00 ft					Final	48000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		85.00 ft						
Tool Length:		113.00 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			2857.00		
Hydraulic tool	5.00			2862.00		
Jars	5.00			2867.00		
Safety Joint	3.00			2870.00		
Packer	5.00			2875.00	28.00	Bottom Of Top Packer
Packer	5.00			2880.00		
Stubb	1.00			2881.00		
Recorder	0.00	6799	Inside	2881.00		
Recorder	0.00	8352	Inside	2881.00		
Perforations	16.00			2897.00		
Blank Spacing	65.00			2962.00		
Bullnose	3.00			2965.00	85.00	Bottom Packers & Anchor
Total Tool Length:	**113.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30664 **DST#: 1**

Test Start: 2007.12.01 @ 23:22:13

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:	7.17 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4100.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

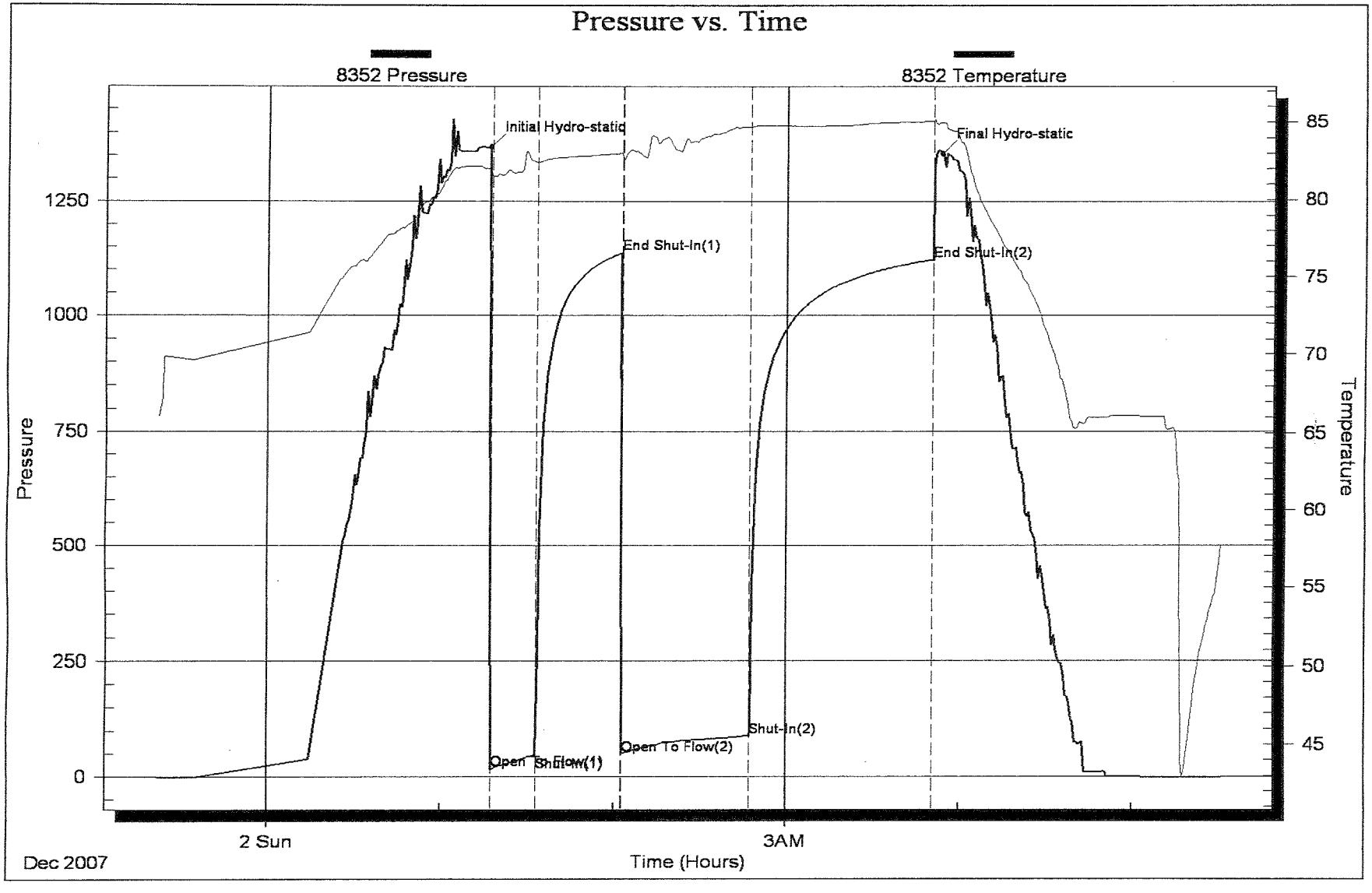
Length ft	Description	Volume bbl
62.00	WM 45%W 55%M	0.305
62.00	Slightly WcM 8%W 92%M	0.305
31.00	Very slightly WcM 1%W 99%M	0.435
0.00	Oil spots in tool	0.000
0.00	RW=.56 OHMS@ 31 deg F= 28,000 ppm chl	0.000

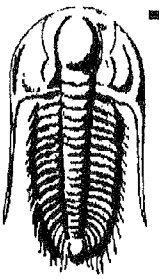
Total Length: 155.00 ft Total Volume: 1.045 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 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)
1250
1000
750
500
250
0
Pressure
85
80
75
70
65
60
55
50
45
Temperature
2 Sun
3AM
Dec 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.02 @ 12:12:54
End Date: 2007.12.02 @ 17:32:54
Job Ticket #: 30665 DST #: 2

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

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30665 **DST#: 2**

Test Start: 2007.12.02 @ 12:12:54

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:55:54
Time Test Ended: 17:32:54

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

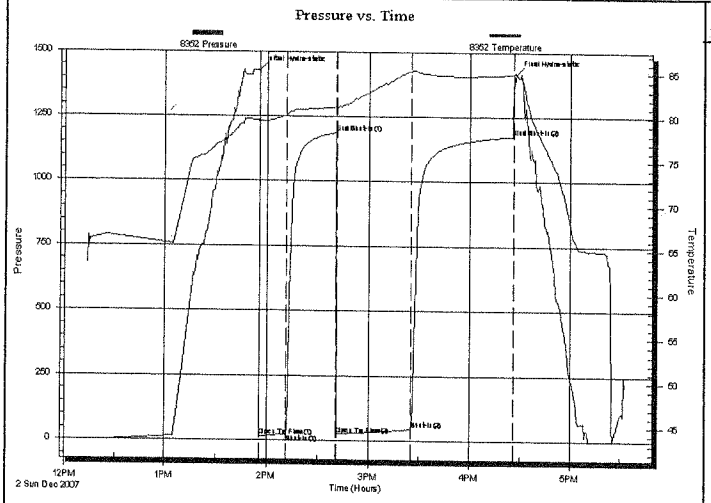
Interval: 2988.00 ft (KB) To 3010.00 ft (KB) (TVD)
Total Depth: 2965.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 43.91 psig @ 2989.00 ft (KB)
Start Date: 2007.12.02 End Date: 2007.12.02
Start Time: 12:12:56 End Time: 17:32:54

Capacity: 7000.00 psig
Last Calib.: 2007.12.02
Time On Btm: 2007.12.02 @ 13:55:34
Time Off Btm: 2007.12.02 @ 16:27:24

TEST COMMENT: IF Weak blow built to 1.5 " in bucket
ISI No blow back
FF Weak blow built to 2 " in bucket
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1428.08	79.67	Initial Hydro-static
1	14.80	79.31	Open To Flow (1)
16	23.27	80.27	Shut-In(1)
46	1186.88	81.18	End Shut-In(1)
46	24.59	80.79	Open To Flow (2)
90	43.91	85.27	Shut-In(2)
151	1174.35	84.94	End Shut-In(2)
152	1416.19	84.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WCM w / trace of Oil 14%W 86%M	0.31
0.00	RW= .36 OHMS@ 42 deg F = 32,000 ppm	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30665 **DST#: 2**

Test Start: 2007.12.02 @ 12:12:54

Tool Information

Drill Pipe:	Length:	2850.00 ft	Diameter:	3.80 inches	Volume:	39.98 bbl	Tool Weight:		2800.00 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:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		55000.00 lb
					Total Volume:	40.59 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		14.00 ft					String Weight:	Initial	48000.00 lb
Depth to Top Packer:		2988.00 ft						Final	48000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		22.00 ft							
Tool Length:		50.00 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			2965.00		
Hydraulic tool	5.00			2970.00		
Jars	5.00			2975.00		
Safety Joint	3.00			2978.00		
Packer	5.00			2983.00	28.00	Bottom Of Top Packer
Packer	5.00			2988.00		
Stubb	1.00			2989.00		
Recorder	0.00	6799	Inside	2989.00		
Recorder	0.00	8352	Inside	2989.00		
Perforations	18.00			3007.00		
Bullnose	3.00			3010.00	22.00	Bottom Packers & Anchor
Total Tool Length:	**50.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30665 **DST#: 2**

Test Start: 2007.12.02 @ 12:12:54

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

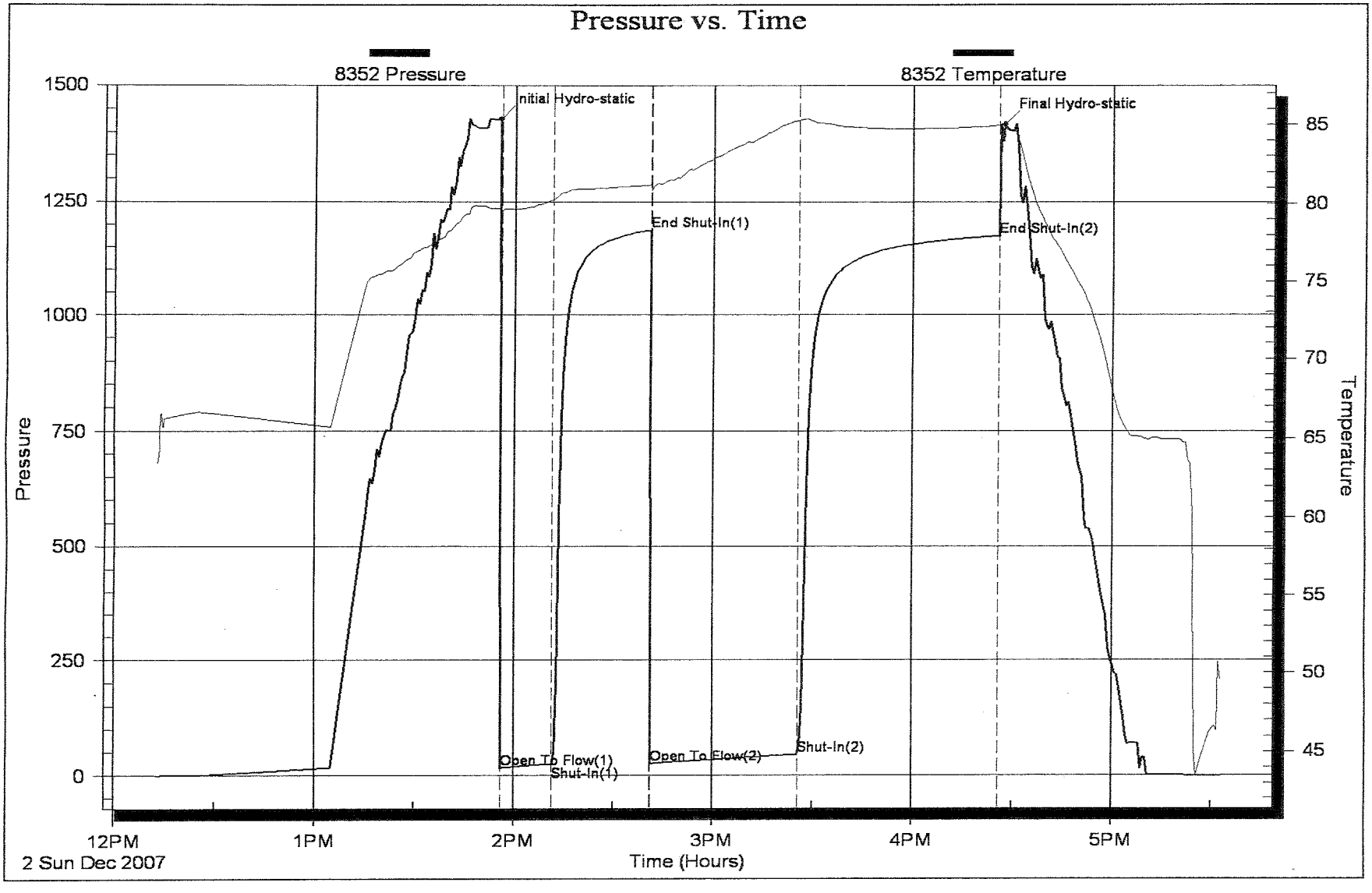
Recovery Information

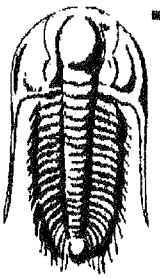
Recovery Table

Length ft	Description	Volume bbl
63.00	WCM w / trace of Oil 14%W 86%M	0.310
0.00	RW= .36 OHMS@ 42 deg F = 32,000 ppm chl	0.000

Total Length: 63.00 ft Total Volume: 0.310 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 Temperature
nitial 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)
1500
1250
1000
750
500
250
0
Pressure
85
80
75
70
65
60
55
50
45
Temperature
12PM
2 Sun Dec 2007
1PM
2PM
3PM
4PM
5PM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.03 @ 00:52:31
End Date: 2007.12.03 @ 07:11:31
Job Ticket #: 30666 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30666 **DST#: 3**

Test Start: 2007.12.03 @ 00:52:31

GENERAL INFORMATION:

Formation: **LKC "C & D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:04:31
Time Test Ended: 07:11:31

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

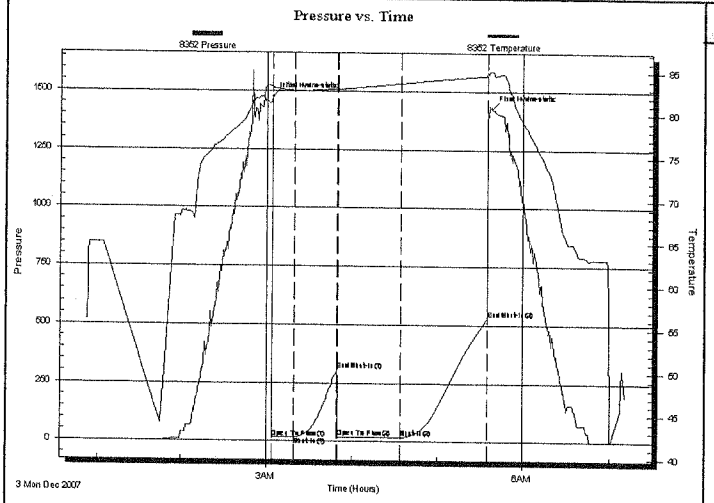
Interval: 3023.00 ft (KB) To 3060.00 ft (KB) (TVD)
Total Depth: 3060.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 17.47 psig @ 3024.00 ft (KB)
Start Date: 2007.12.03 End Date: 2007.12.03
Start Time: 00:52:33 End Time: 07:11:31

Capacity: 7000.00 psig
Last Calib.: 2007.12.03
Time On Btm: 2007.12.03 @ 03:04:21
Time Off Btm: 2007.12.03 @ 05:38:21

TEST COMMENT: IF Weak blow built to .5 " in bucket
ISI Bled off No blow back
FF Weak intermittent suface blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1474.09	83.27	Initial Hydro-static
1	14.46	82.87	Open To Flow (1)
16	16.38	82.77	Shut-In(1)
45	306.74	82.98	End Shut-In(1)
46	16.06	82.94	Open To Flow (2)
90	17.47	83.63	Shut-In(2)
152	526.25	84.56	End Shut-In(2)
155	1426.33	85.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w/trace of Oil	0.01

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30666 **DST#: 3**

Test Start: 2007.12.03 @ 00:52:31

Tool Information

Drill Pipe:	Length:	2881.00 ft	Diameter:	3.80 inches	Volume:	40.41 bbl	Tool Weight:	2100.00 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:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	41.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		3023.00 ft					Final	48000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		37.00 ft						
Tool Length:		65.00 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			3000.00		
Hydraulic tool	5.00			3005.00		
Jars	5.00			3010.00		
Safety Joint	3.00			3013.00		
Packer	5.00			3018.00	28.00	Bottom Of Top Packer
Packer	5.00			3023.00		
Stubb	1.00			3024.00		
Recorder	0.00	6799	Inside	3024.00		
Recorder	0.00	8352	Inside	3024.00		
Perforations	33.00			3057.00		
Bullnose	3.00			3060.00	37.00	Bottom Packers & Anchor
Total Tool Length:	**65.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30666 **DST#: 3**

Test Start: 2007.12.03 @ 00:52:31

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

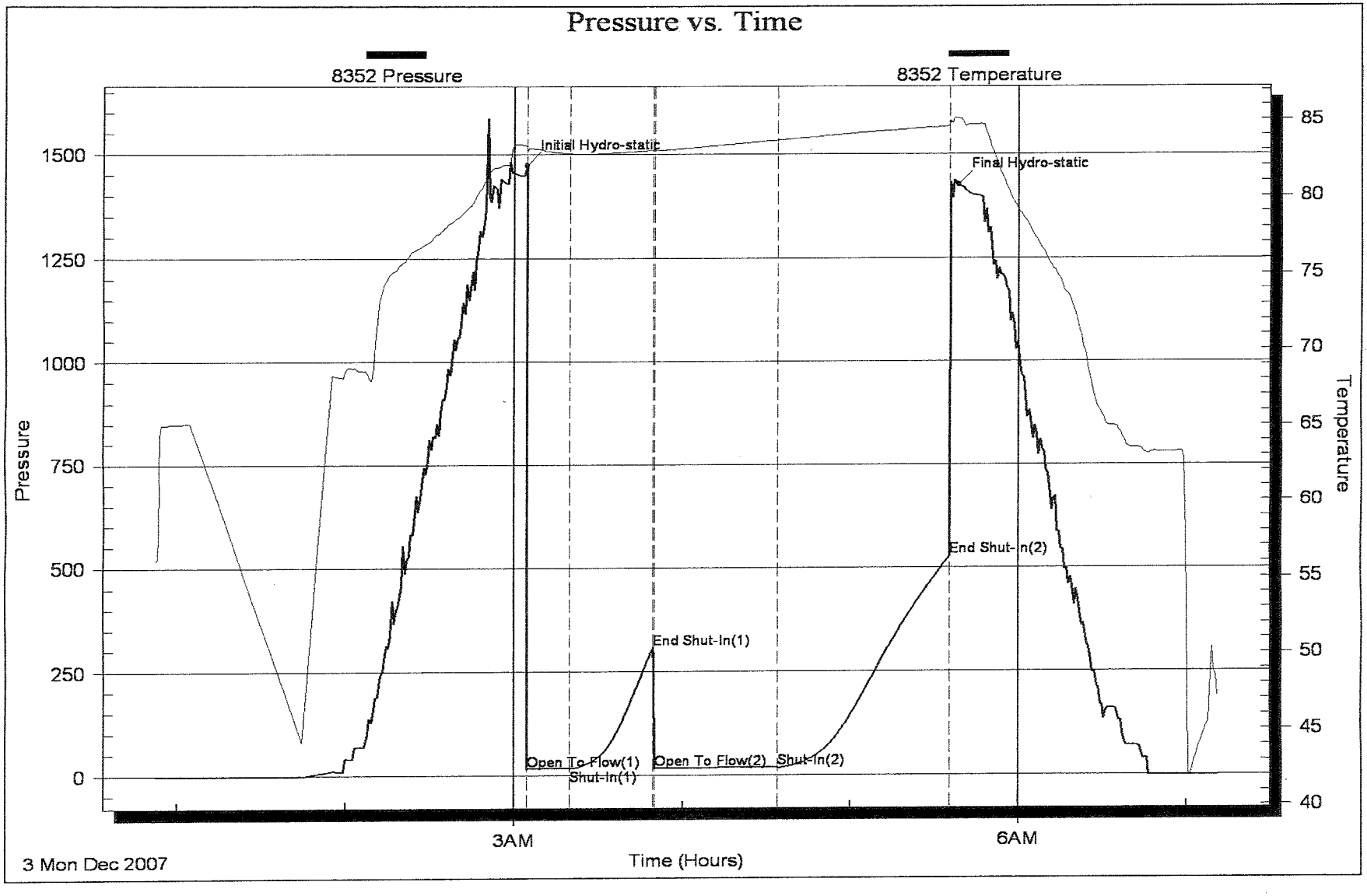
Recovery Information

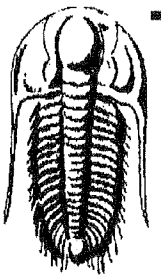
Recovery Table

Length ft	Description	Volume bbl
2.00	Mud w/trace of Oil	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
85
80
75
70
65
60
55
50
45
40
3AM
6AM
Time (Hours)
3 Mon Dec 2007



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.03 @ 13:21:22
End Date: 2007.12.03 @ 16:46:02
Job Ticket #: 30667 DST #: 4

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

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30667 **DST#: 4**

Test Start: 2007.12.03 @ 13:21:22

GENERAL INFORMATION:

Formation: **LKC "E & F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:48:22
Time Test Ended: 16:46:02

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

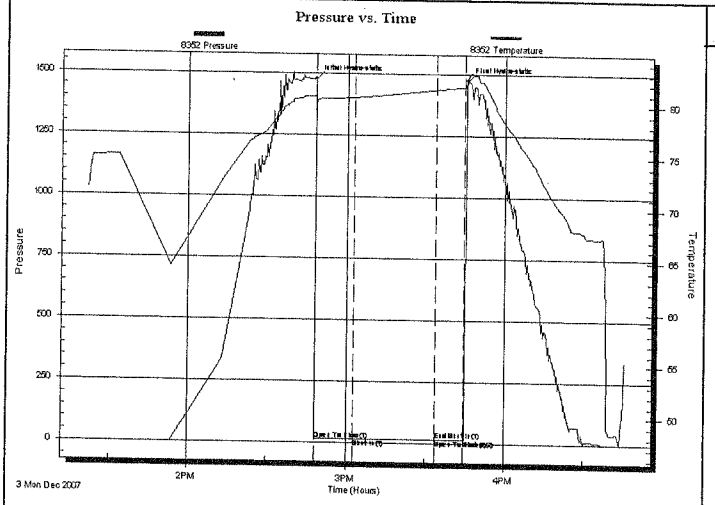
Interval: 3065.00 ft (KB) To 3090.00 ft (KB) (TVD)
Total Depth: 3090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 14.97 psig @ 3066.00 ft (KB)
Start Date: 2007.12.03 End Date: 2007.12.03
Start Time: 13:21:24 End Time: 16:46:02

Capacity: 7000.00 psig
Last Calib.: 2007.12.03
Time On Btm: 2007.12.03 @ 14:48:12
Time Off Btm: 2007.12.03 @ 15:45:32

TEST COMMENT: IF Very w eak surface blow blow died after 8 min
ISI No blow back
FF No blow
FSI Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1475.68	80.78	Initial Hydro-static
1	13.78	79.91	Open To Flow (1)
15	14.97	80.74	Shut-In(1)
46	16.42	81.52	End Shut-In(1)
46	14.52	81.52	Open To Flow (2)
57	14.63	81.80	Shut-In(2)
58	1472.11	82.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30667 **DST#: 4**

Test Start: 2007.12.03 @ 13:21:22

Tool Information

Drill Pipe:	Length:	2944.00 ft	Diameter:	3.80 inches	Volume:	41.30 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	41.91 bbl	

Drill Pipe Above KB:	31.00 ft
Depth to Top Packer:	3065.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	25.00 ft
Tool Length:	53.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	55000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	45000.00 lb
Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3042.00		
Hydraulic tool	5.00			3047.00		
Jars	5.00			3052.00		
Safety Joint	3.00			3055.00		
Packer	5.00			3060.00	28.00	Bottom Of Top Packer
Packer	5.00			3065.00		
Stubb	1.00			3066.00		
Recorder	0.00	6799	Inside	3066.00		
Recorder	0.00	8352	Inside	3066.00		
Perforations	21.00			3087.00		
Bullnose	3.00			3090.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30667 **DST#: 4**

Test Start: 2007.12.03 @ 13:21:22

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:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	inches				

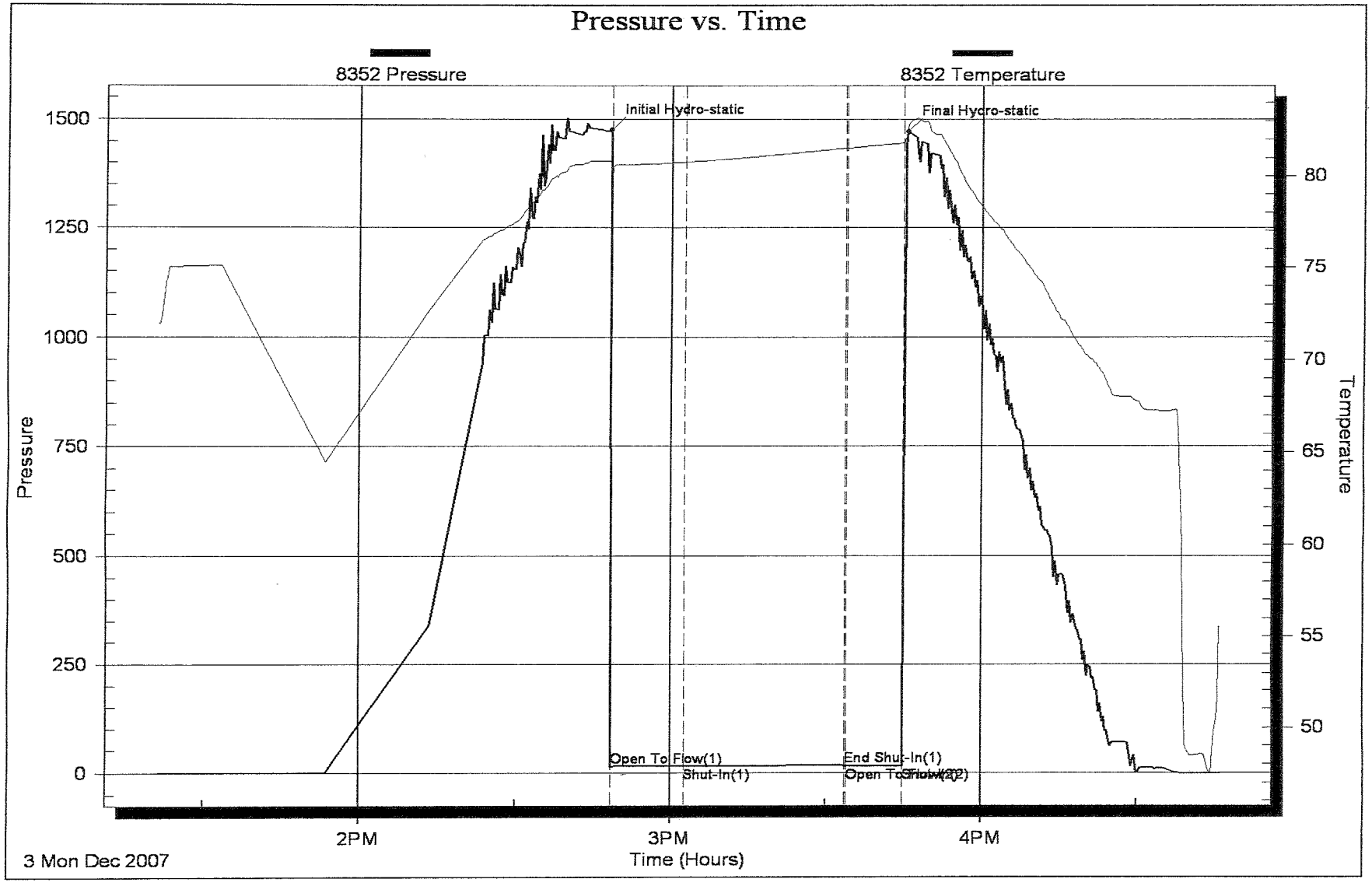
Recovery Information

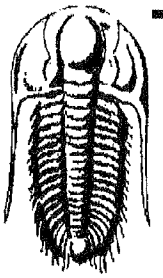
Recovery Table

Length ft	Description	Volume bbl
1.00	M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 Temperature
Initial Hydro-static
Final Hydro-static
1500
1250
1000
750
500
250
0
Pressure
80
75
70
65
60
55
50
Temperature
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
2PM
3PM
4PM
Time (Hours)
3 Mon Dec 2007



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.03 @ 23:33:36
End Date: 2007.12.04 @ 05:07:15
Job Ticket #: 30668 DST #: 5

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30668 **DST#: 5**

Test Start: 2007.12.03 @ 23:33:36

GENERAL INFORMATION:

Formation: **LKC "G & H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:14:06
Time Test Ended: 05:07:15

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

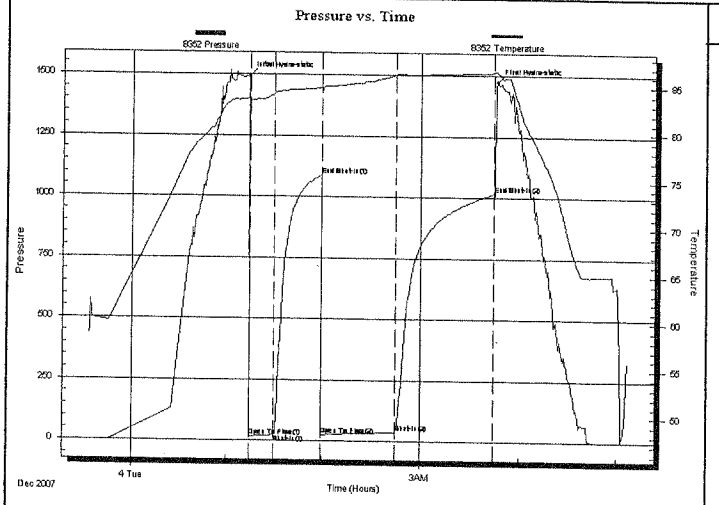
Interval: 3085.00 ft (KB) To 3140.00 ft (KB) (TVD)
Total Depth: 3140.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 36.12 psig @ 3086.00 ft (KB)
Start Date: 2007.12.03 End Date: 2007.12.04
Start Time: 23:33:38 End Time: 05:07:16

Capacity: 7000.00 psig
Last Calib.: 2007.12.04
Time On Btm: 2007.12.04 @ 01:13:46
Time Off Btm: 2007.12.04 @ 03:46:16

TEST COMMENT: IF Weak blow built to 1.25 " in bucket
ISI Bled off no blow back
FF Weak blow built to 1 " in bucket
FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1492.93	83.69	Initial Hydro-static
1	16.15	83.34	Open To Flow (1)
16	22.96	84.21	Shut-In(1)
46	1087.88	84.82	End Shut-In(1)
46	24.06	84.30	Open To Flow (2)
91	36.12	86.26	Shut-In(2)
151	1015.85	86.52	End Shut-In(2)
153	1472.71	86.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	DM	0.15
0.00	Oil spots in tool	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30668 **DST#: 5**

Test Start: 2007.12.03 @ 23:33:36

Tool Information

Drill Pipe:	Length:	2943.00 ft	Diameter:	3.80 inches	Volume:	41.28 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	41.89 bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	3085.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	55.00 ft
Tool Length:	83.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		58000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	48000.00 lb
	Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3062.00		
Hydraulic tool	5.00			3067.00		
Jars	5.00			3072.00		
Safety Joint	3.00			3075.00		
Packer	5.00			3080.00	28.00	Bottom Of Top Packer
Packer	5.00			3085.00		
Stubb	1.00			3086.00		
Recorder	0.00	6799	Inside	3086.00		
Recorder	0.00	8352	Inside	3086.00		
Perforations	17.00			3103.00		
Blank Spacing	34.00			3137.00		
Bullnose	3.00			3140.00	55.00	Bottom Packers & Anchor
Total Tool Length:	**83.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30668 **DST#: 5**

Test Start: 2007.12.03 @ 23:33:36

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:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

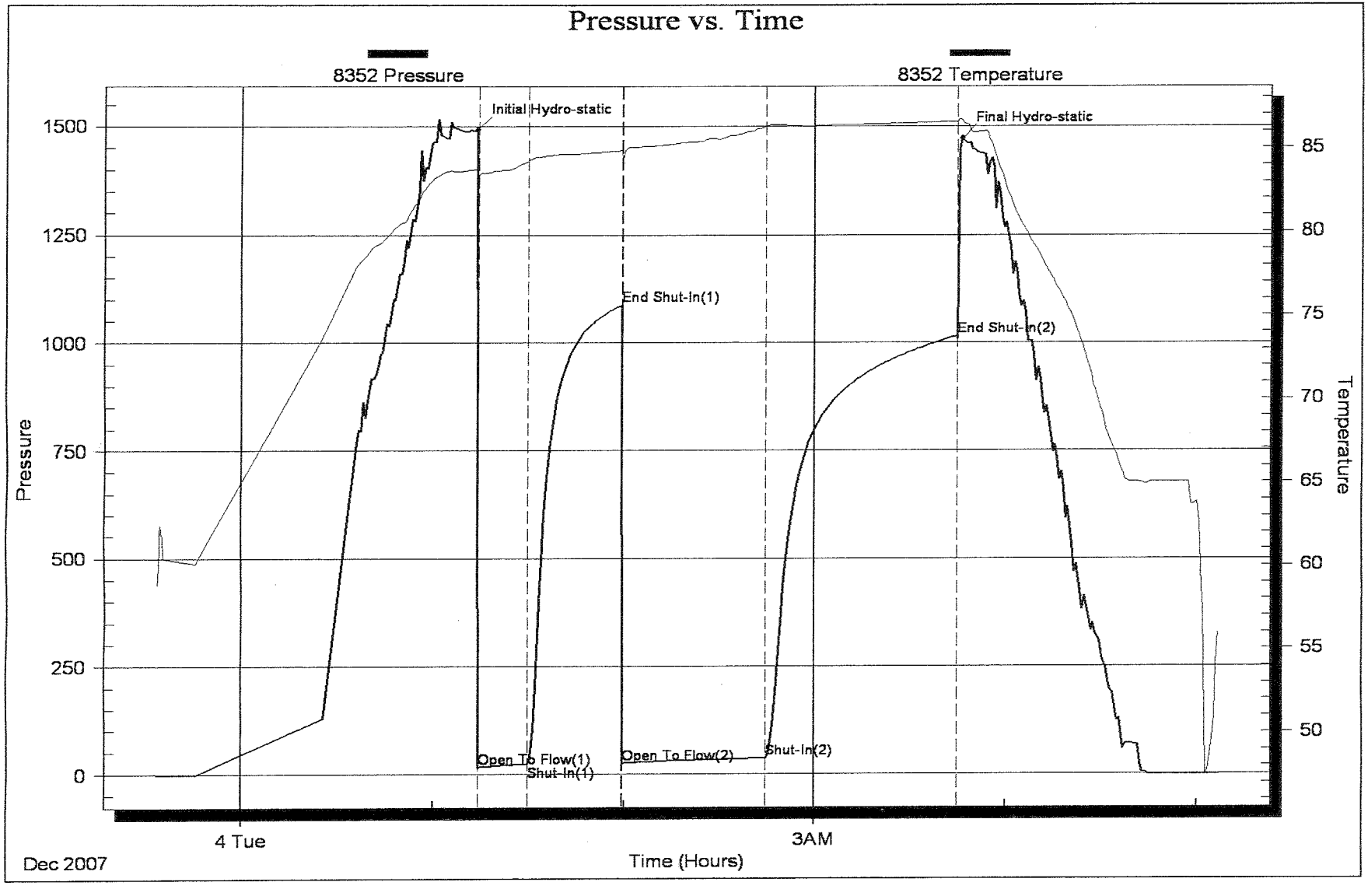
Length ft	Description	Volume bbl
30.00	DM	0.148
0.00	Oil spots in tool	0.000

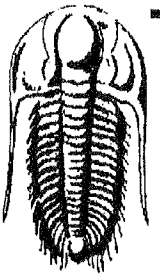
Total Length: 30.00 ft Total Volume: 0.148 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 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
1500
1250
1000
750
500
250
0
85
80
75
70
65
60
55
50
4 Tue
3AM
Dec 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.04 @ 09:53:20
End Date: 2007.12.04 @ 15:27:40
Job Ticket #: 30669 DST #: 6

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

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30669 **DST#: 6**

Test Start: 2007.12.04 @ 09:53:20

GENERAL INFORMATION:

Formation: **LKC "I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:47:10
Time Test Ended: 15:27:40

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

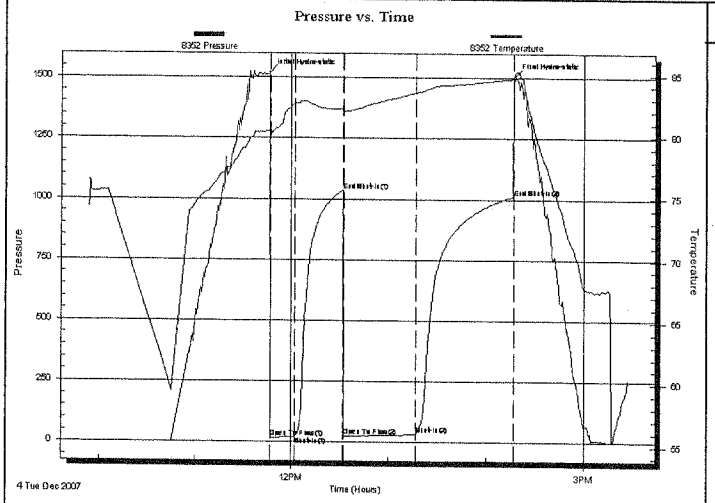
Interval: 3137.00 ft (KB) To 3158.00 ft (KB) (TVD)
Total Depth: 2965.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 31.39 psig @ 3138.00 ft (KB)
Start Date: 2007.12.04 End Date: 2007.12.04
Start Time: 09:53:22 End Time: 15:27:39

Capacity: 7000.00 psig
Last Calib.: 2007.12.04
Time On Btm: 2007.12.04 @ 11:46:50
Time Off Btm: 2007.12.04 @ 14:17:29

TEST COMMENT: IF Weak blow built to 1.5 " in bucket
ISI Bled off No blow back
FF Weak blow built to 2.25 " in bucket
FSI Very weak surface blow back, died at 30 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.83	80.46	Initial Hydro-static
1	15.63	80.04	Open To Flow (1)
16	21.41	82.64	Shut-In(1)
46	1035.41	82.23	End Shut-In(1)
46	24.40	81.90	Open To Flow (2)
91	31.39	83.57	Shut-In(2)
150	1012.15	84.71	End Shut-In(2)
151	1506.25	85.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OM 44%O 56%M	0.10
5.00	Clean Oil	0.02

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30669 **DST#: 6**

Test Start: 2007.12.04 @ 09:53:20

Tool Information

Drill Pipe:	Length:	3008.00 ft	Diameter:	3.80 inches	Volume:	42.19 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	42.80 bbl	

Drill Pipe Above KB:	23.00 ft
Depth to Top Packer:	3137.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	21.00 ft
Tool Length:	49.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	48000.00 lb
Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3114.00		
Hydraulic tool	5.00			3119.00		
Jars	5.00			3124.00		
Safety Joint	3.00			3127.00		
Packer	5.00			3132.00	28.00	Bottom Of Top Packer
Packer	5.00			3137.00		
Stubb	1.00			3138.00		
Recorder	0.00	6799	Inside	3138.00		
Recorder	0.00	8352	Inside	3138.00		
Perforations	17.00			3155.00		
Recorder	0.00	10270	Inside	3155.00		
Bullnose	3.00			3158.00	21.00	Bottom Packers & Anchor
Total Tool Length:	**49.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30669 **DST#: 6**

Test Start: 2007.12.04 @ 09:53:20

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	inches				

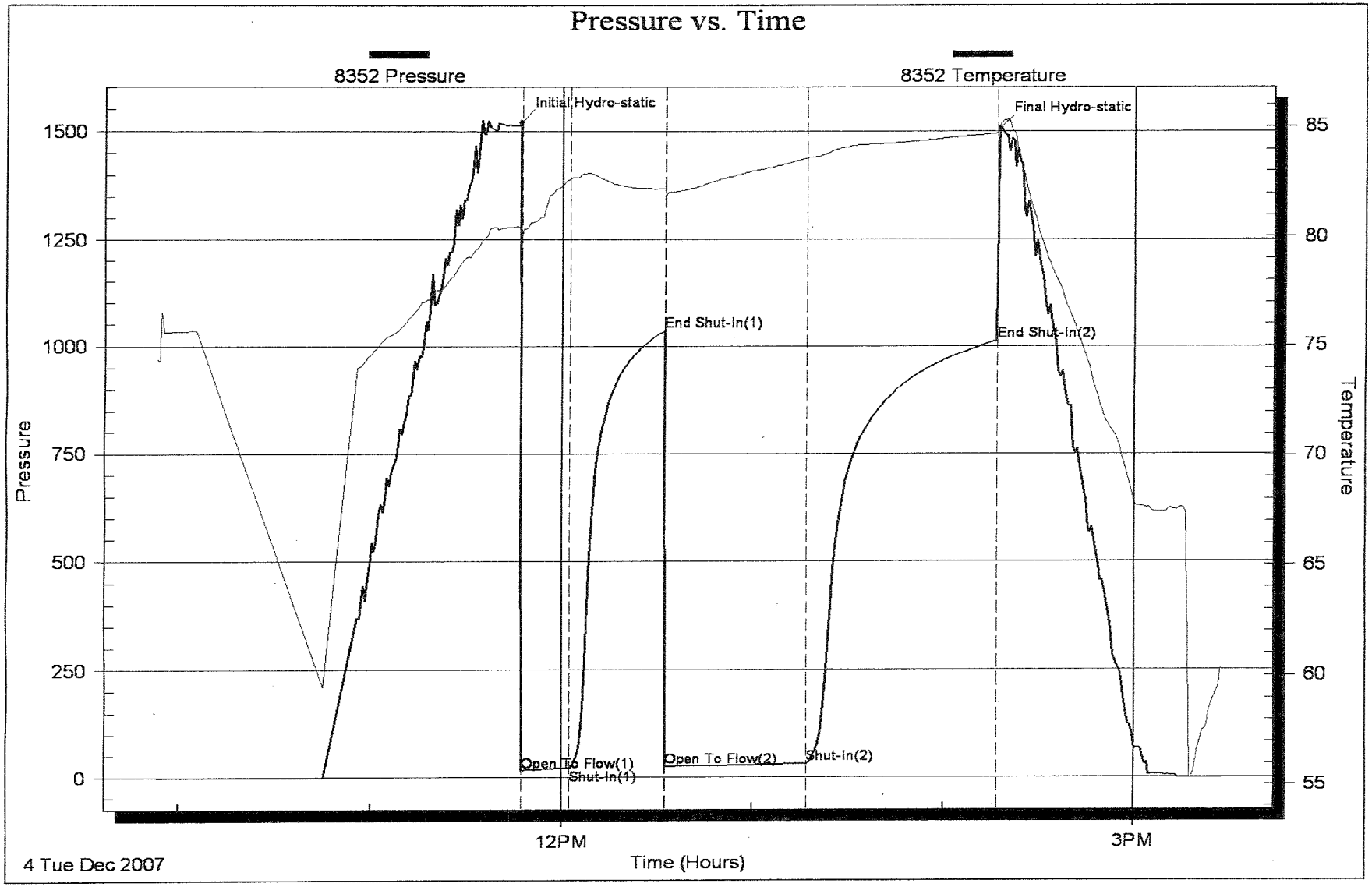
Recovery Information

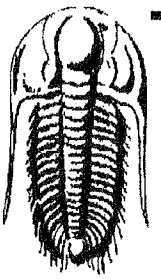
Recovery Table

Length ft	Description	Volume bbl
20.00	OM 44%O 56%M	0.098
5.00	Clean Oil	0.025

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8352 Pressure
8352 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)
1500
1250
1000
750
500
250
0
Pressure
85
80
75
70
65
60
55
Temperature
12PM
3PM
Time (Hours)
4 Tue Dec 2007



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

27 4 18 Phillips KS

Bates #1

Start Date: 2007.12.04 @ 22:34:57
End Date: 2007.12.05 @ 03:19:06
Job Ticket #: 30670 DST #: 7

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30670 **DST#: 7**

Test Start: 2007.12.04 @ 22:34:57

GENERAL INFORMATION:

Formation: **L, KC "J,K,L"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:45:37
Time Test Ended: 03:19:06

Test Type: Conventional Bottom Hole
Tester: Jake & James
Unit No: 22

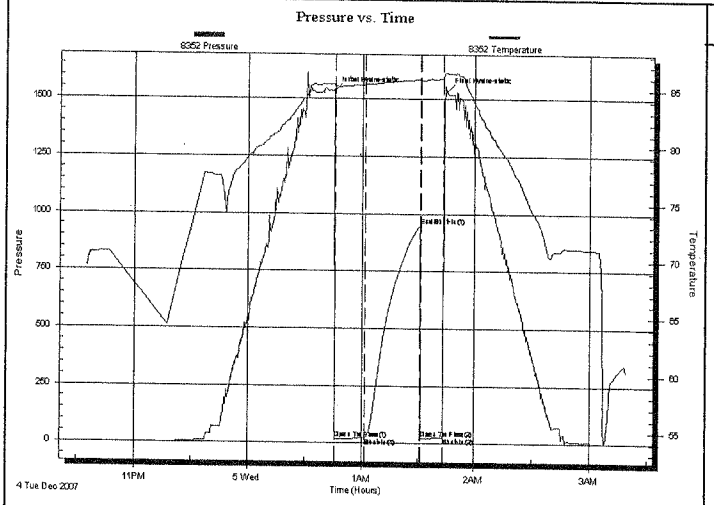
Interval: 3156.00 ft (KB) To 3226.00 ft (KB) (TVD)
Total Depth: 3226.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1792.00 ft (KB)
1787.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: 20.77 psig @ 3157.00 ft (KB)
Start Date: 2007.12.04 End Date: 2007.12.05
Start Time: 22:34:59 End Time: 03:19:07

Capacity: 7000.00 psig
Last Calib.: 2007.12.05
Time On Btm: 2007.12.05 @ 00:45:17
Time Off Btm: 2007.12.05 @ 01:45:17

TEST COMMENT: IF Weak .25 " blow
ISI No blow back
FF No blow
FSI Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1535.61	85.56	Initial Hydro-static
1	16.53	85.20	Open To Flow (1)
17	20.77	85.48	Shut-In(1)
46	949.22	85.95	End Shut-In(1)
47	22.17	85.68	Open To Flow (2)
59	24.18	86.05	Shut-In(2)
60	1532.49	86.53	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

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30670 **DST#: 7**

Test Start: 2007.12.04 @ 22:34:57

Tool Information

Drill Pipe:	Length:	3039.00 ft	Diameter:	3.80 inches	Volume:	42.63 bbl	Tool Weight:	3000.00 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:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:	52000.00 lb
					Total Volume:	43.24 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		35.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		3156.00 ft					Final	48000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		70.00 ft						
Tool Length:		98.00 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			3133.00		
Hydraulic tool	5.00			3138.00		
Jars	5.00			3143.00		
Safety Joint	3.00			3146.00		
Packer	5.00			3151.00	28.00	Bottom Of Top Packer
Packer	5.00			3156.00		
Stubb	1.00			3157.00		
Recorder	0.00	6799	Inside	3157.00		
Recorder	0.00	8352	Inside	3157.00		
Perforations	32.00			3189.00		
Blank Spacing	34.00			3223.00		
Bullnose	3.00			3226.00	70.00	Bottom Packers & Anchor
Total Tool Length:	**98.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Bates #1

27 4 18 Phillips KS

Job Ticket: 30670 **DST#: 7**

Test Start: 2007.12.04 @ 22:34:57

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:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	inches				

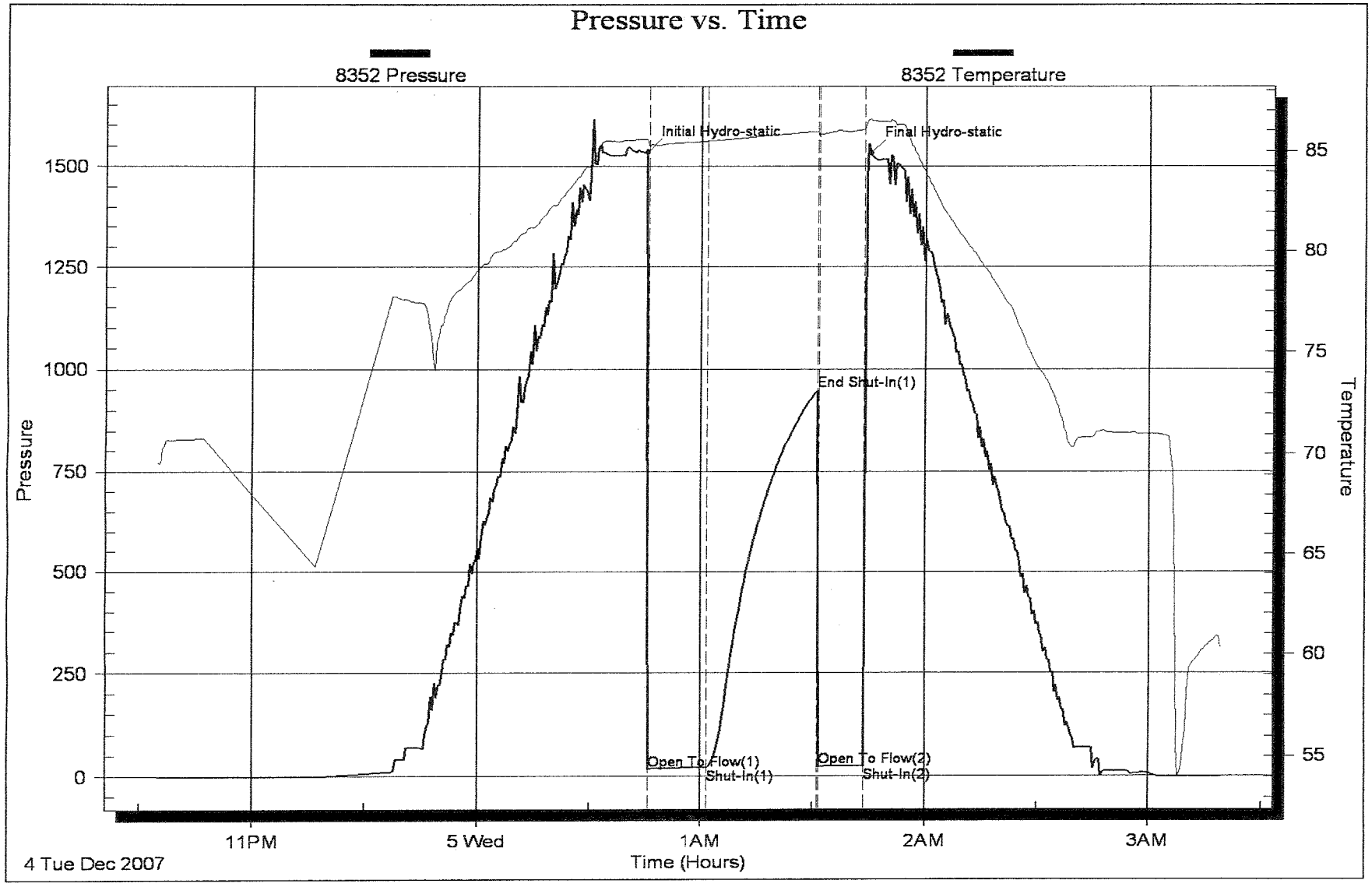
Recovery Information

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
8352 Pressure
8352 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
85
80
75
70
65
60
55
11PM
5 Wed
1AM
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4 Tue Dec 2007
Time (Hours)