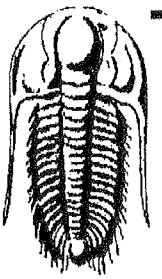
15-195-22454 20-14s-21w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

20 14 21 Trego KS

Schmidt 'RP' # 1-20

Start Date: 2007.05.24 @ 13:50:05
End Date: 2007.05.24 @ 19:26:35
Job Ticket #: 28004 DST #: 1

KCC
SEP 04 2007
CONFIDENTIAL

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

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28004 **DST#: 1**

Test Start: 2007.05.24 @ 13:50:05

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:00:35
Time Test Ended: 19:26:35

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 31

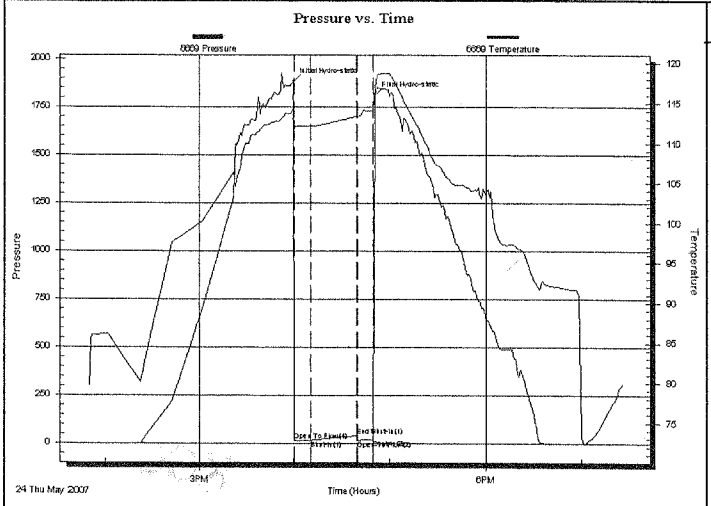
Interval: 3910.00 ft (KB) To 3965.00 ft (KB) (TVD)
Total Depth: 3965.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2169.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6669 **Inside**
Press@RunDepth: 17.24 psig @ 3915.00 ft (KB)
Start Date: 2007.05.24 End Date: 2007.05.24
Start Time: 13:50:10 End Time: 19:26:34

Capacity: 7000.00 psig
Last Calib.: 2007.05.24
Time On Btm: 2007.05.24 @ 16:00:05
Time Off Btm: 2007.05.24 @ 16:51:05

TEST COMMENT: IF Very weak surface
ISI Dead
FF Flush tool 2 times no help



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1880.57	114.33	Initial Hydro-static
1	15.44	111.60	Open To Flow (1)
11	17.24	112.07	Shut-In(1)
40	40.16	113.33	End Shut-In(1)
40	17.44	113.31	Open To Flow (2)
50	19.39	114.05	Shut-In(2)
51	1808.89	117.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DMud	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28004 **DST#: 1**

Test Start: 2007.05.24 @ 13:50:05

Tool Information

Drill Pipe:	Length:	3889.00 ft	Diameter:	3.80 inches	Volume:	54.55 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	54.55 bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	3910.00 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:	2600.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	44000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3883.00		
Shut In Tool	5.00			3888.00		
Hydraulic tool	5.00			3893.00		
Jars	5.00			3898.00		
Safety Joint	3.00			3901.00		
Packer	4.00			3905.00	28.00	Bottom Of Top Packer
Packer	5.00			3910.00		
Stubb	1.00			3911.00		
Perforations	3.00			3914.00		
Change Over Sub	1.00			3915.00		
Recorder	0.00	6669	Inside	3915.00		
Blank Spacing	31.00			3946.00		
Change Over Sub	1.00			3947.00		
Recorder	0.00	11084	Outside	3947.00		
Perforations	15.00			3962.00		
Bullnose	3.00			3965.00	55.00	Bottom Packers & Anchor
Total Tool Length:	**83.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28004 **DST#: 1**

Test Start: 2007.05.24 @ 13:50:05

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

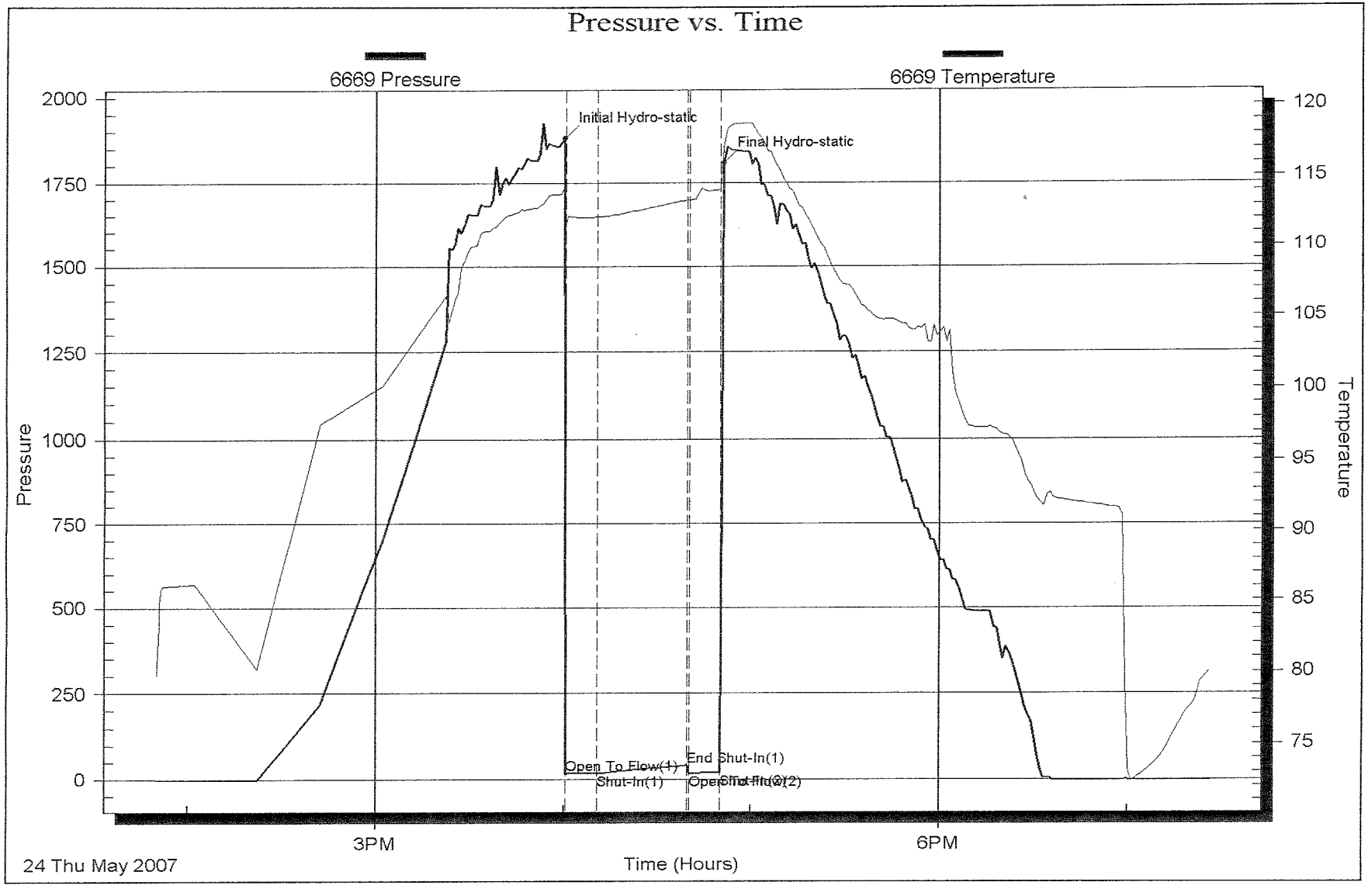
Recovery Information

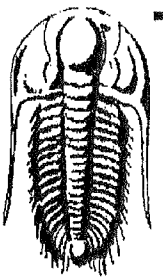
Recovery Table

Length ft	Description	Volume bbl
5.00	DMud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

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


Pressure vs. Time
6669 Pressure
6669 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
Shut-In(2)
2000
1750
1500
1250
1000
750
500
250
0
Pressure
120
115
110
105
100
95
90
85
80
75
Temperature
3PM
6PM
Time (Hours)
24 Thu May 2007



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

20 14 21 Trego KS

Schmidt 'RP' # 1-20

Start Date: 2007.05.25 @ 05:32:14
End Date: 2007.05.25 @ 11:57:44
Job Ticket #: 28328 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28328 **DST#: 2**

Test Start: 2007.05.25 @ 05:32:14

GENERAL INFORMATION:

Formation: **Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:50:14
Time Test Ended: 11:57:44

Test Type: Conventional Bottom Hole
Tester: Paul Simpson/Tyson F
Unit No: 21

Interval: 3915.00 ft (KB) To 3989.00 ft (KB) (TVD)
Total Depth: 3989.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

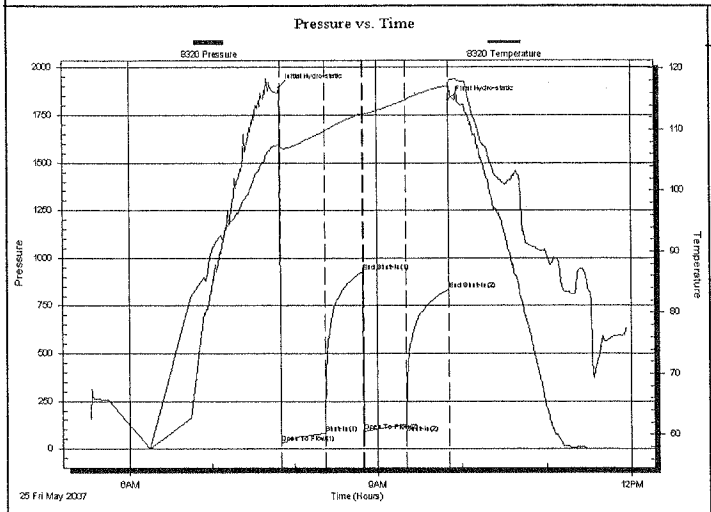
Reference Elevations: 2169.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8320 **Inside**

Press@RunDepth: 128.98 psig @ 3922.00 ft (KB)
Start Date: 2007.05.25 End Date: 2007.05.25
Start Time: 05:32:16 End Time: 11:57:44

Capacity: 7000.00 psig
Last Calib.: 2007.05.25
Time On Btm: 2007.05.25 @ 07:49:44
Time Off Btm: 2007.05.25 @ 09:51:14

TEST COMMENT: IF 1 " blow building to bottom of bucket in 18 minutes
ISI No blow back
FFP Weak blow built to 8 "
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.18	107.58	Initial Hydro-static
1	29.93	107.24	Open To Flow (1)
33	84.37	109.72	Shut-In(1)
60	929.07	112.65	End Shut-In(1)
61	90.79	112.61	Open To Flow (2)
91	128.98	114.84	Shut-In(2)
122	835.38	117.17	End Shut-In(2)
122	1830.58	117.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud	0.84
120.00	WM 30%W 70%M	1.68
60.00	MW 85%W 15%M	0.84

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28328 **DST#: 2**

Test Start: 2007.05.25 @ 05:32:14

Tool Information

Drill Pipe:	Length:	3912.00 ft	Diameter:	3.80 inches	Volume:	54.88 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	54.88 bbl	

Drill Pipe Above KB:	25.00 ft
Depth to Top Packer:	3915.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	74.00 ft
Tool Length:	102.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2600.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	47000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3888.00		
Shut In Tool	5.00			3893.00		
Hydraulic tool	5.00			3898.00		
Jars	5.00			3903.00		
Safety Joint	3.00			3906.00		
Packer	4.00			3910.00	28.00	Bottom Of Top Packer
Packer	5.00			3915.00		
Stubb	1.00			3916.00		
Perforations	6.00			3922.00		
Recorder	0.00	8320	Inside	3922.00		
Change Over Sub	1.00			3923.00		
Blank Spacing	62.00			3985.00		
Change Over Sub	1.00			3986.00		
Recorder	0.00	13401	Outside	3986.00		
Bullnose	3.00			3989.00	74.00	Bottom Packers & Anchor
Total Tool Length:	**102.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Pillips

Schmidt 'RP' # 1-20

20 14 21 Trego KS

Job Ticket: 28328 **DST#: 2**

Test Start: 2007.05.25 @ 05:32:14

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:	28000 ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

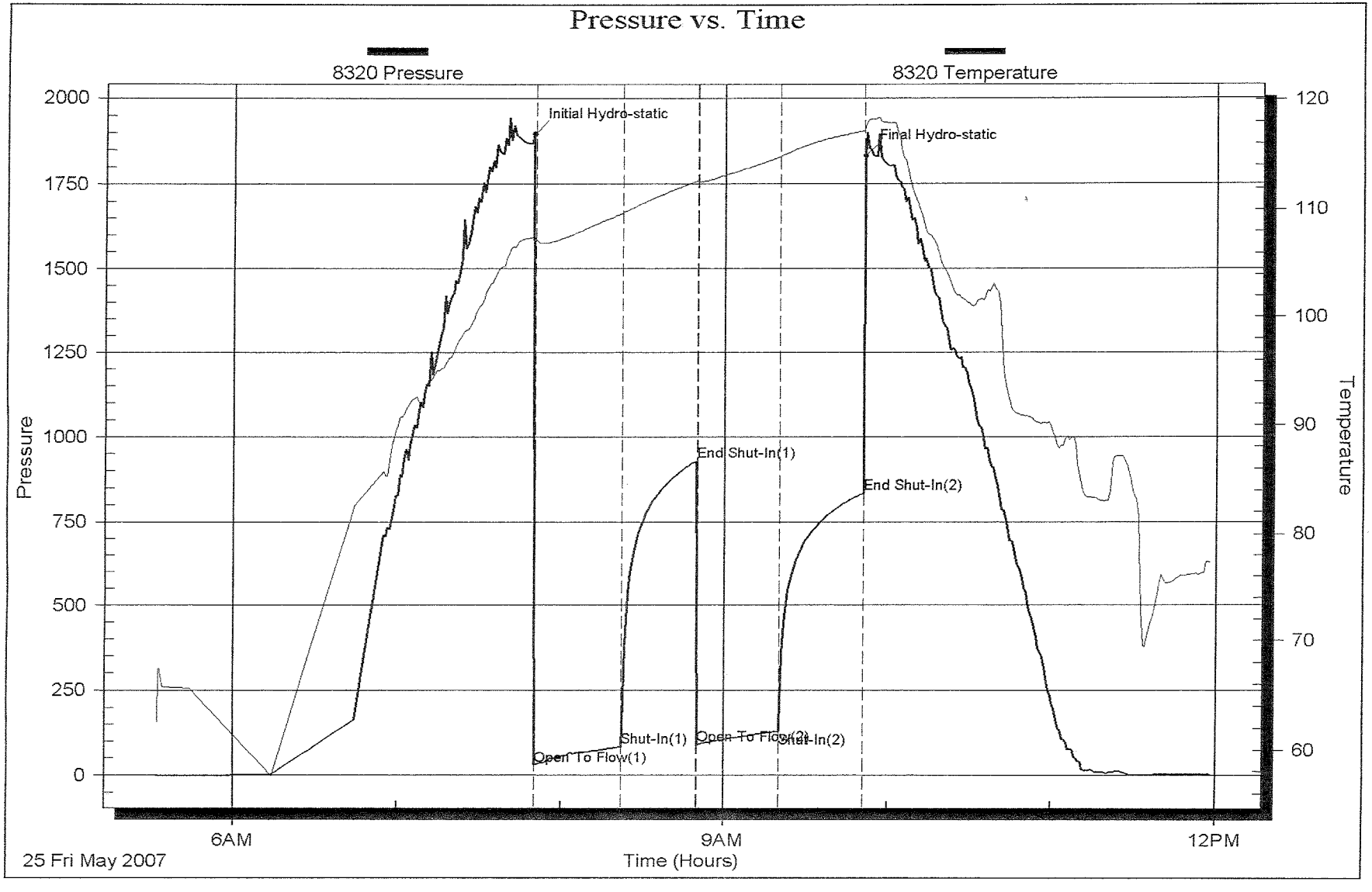
Length ft	Description	Volume bbl
60.00	Mud	0.842
120.00	WM 30%W 70%M	1.683
60.00	MW 85%W 15%M	0.842

Total Length: 240.00 ft Total Volume: 3.367 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8320 Pressure
8320 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
6AM
9AM
12PM
25 Fri May 2007
Time (Hours)