

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources Inc**

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

36-8s-25w Graham Ks

Holley 5-B

Start Date: 2003.05.26 @ 00:36:43
End Date: 2003.05.26 @ 08:01:42
Job Ticket #: 17160 DST #: 1

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

DRILL STEM TEST REPORT

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17160 **DST#: 1**

Test Start: 2003.05.26 @ 00:36:43

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:28:12
Time Test Ended: 08:01:42

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

Interval: 3840.00 ft (KB) To 3858.00 ft (KB) (TVD)
Total Depth: 3840.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

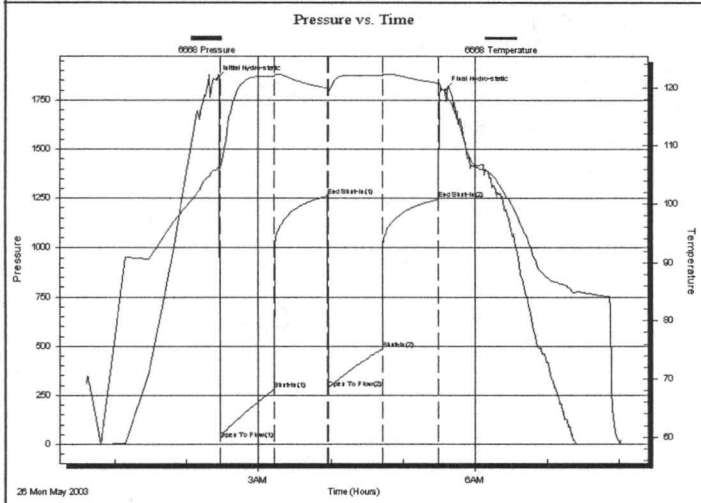
Reference Elevations: 2486.00 ft (KB)
2481.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 485.04 psig @ 3841.01 ft (KB)
Start Date: 2003.05.26 End Date: 2003.05.26
Start Time: 00:36:43 End Time: 08:01:42

Capacity: 7000.00 psig
Last Calib.: 2003.05.26
Time On Btm: 2003.05.26 @ 02:25:12
Time Off Btm: 2003.05.26 @ 05:34:42

TEST COMMENT: IFP- w k to strg in 8 min
FFP-w k to a gd bl 1/4"to 8" bl
Times 45-45-45-45
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1854.73	105.83	Initial Hydro-static
3	25.13	106.12	Open To Flow (1)
48	279.32	121.94	Shut-In(1)
92	1260.86	119.89	End Shut-In(1)
93	285.76	119.55	Open To Flow (2)
137	485.04	122.05	Shut-In(2)
184	1244.53	120.77	End Shut-In(2)
190	1801.50	119.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MW 10%mud 90%w ater	1.26
900.00	w ater RW .24@60F	12.62

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17160 **DST#: 1**

Test Start: 2003.05.26 @ 00:36:43

Tool Information

Drill Pipe:	Length:	3840.00 ft	Diameter:	3.80 inches	Volume:	53.87 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	53.87 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight:	Initial	38000.00 lb
Depth to Top Packer:		3840.00 ft						Final	46000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		18.02 ft							
Tool Length:		38.02 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			3825.00		
Hydraulic tool	5.00			3830.00		
Packer	5.00			3835.00	20.00	Bottom Of Top Packer
Packer	5.00			3840.00		
Stubb	1.00			3841.00		
Recorder	0.01	6668	Inside	3841.01		
Perforations	14.00			3855.01		
Recorder	0.01	11085	Outside	3855.02		
Bullnose	3.00			3858.02	18.02	Bottom Packers & Anchor
Total Tool Length:	**38.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17160 **DST#: 1**

Test Start: 2003.05.26 @ 00:36:43

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:	36000 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.16 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

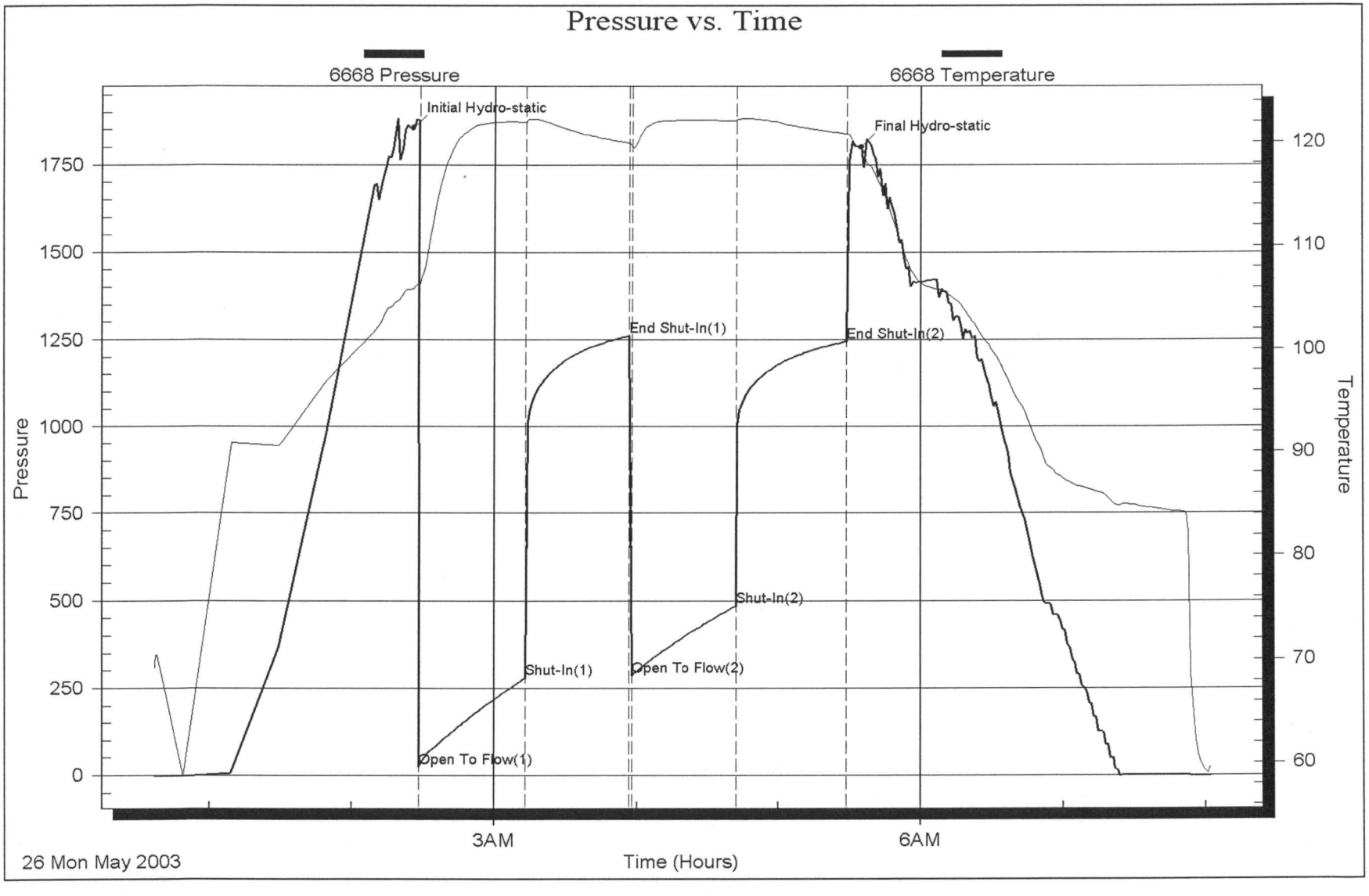
Length ft	Description	Volume bbl
90.00	MW 10%mud 90%w ater	1.262
900.00	w ater RW .24@60F	12.625

Total Length: 990.00 ft Total Volume: 13.887 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)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
3AM
6AM
26 Mon May 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources Inc**

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

36-8s-25w Graham Ks

Holley 5-B

Start Date: 2003.05.27 @ 01:21:12

End Date: 2003.05.27 @ 08:42:41

Job Ticket #: 17161 DST #: 2

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

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17161 **DST#: 2**

Test Start: 2003.05.27 @ 01:21:12

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:56:41
Time Test Ended: 08:42:41

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

Interval: 3926.00 ft (KB) To 3970.00 ft (KB) (TVD)
Total Depth: 3970.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

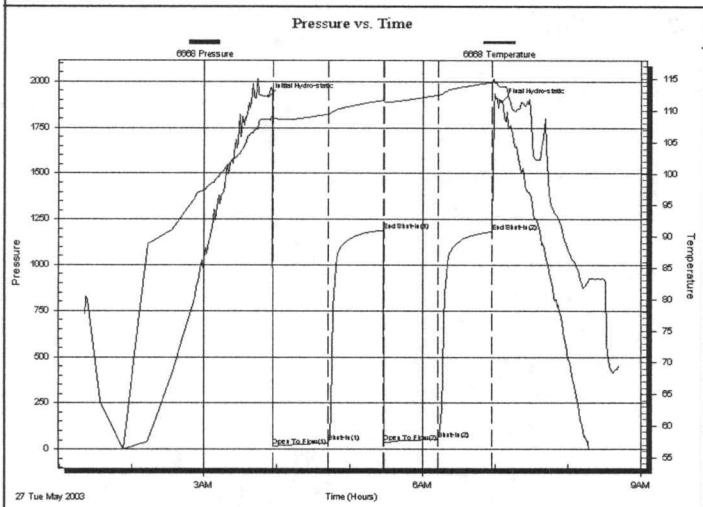
Reference Elevations: 2486.00 ft (KB)
2481.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 54.37 psig @ 3927.01 ft (KB)
Start Date: 2003.05.27 End Date: 2003.05.27
Start Time: 01:21:12 End Time: 08:42:41

Capacity: 7000.00 psig
Last Calib.: 2003.05.27
Time On Btm: 2003.05.27 @ 03:52:41
Time Off Btm: 2003.05.27 @ 07:04:41

TEST COMMENT: IFP- w k bl thru-out 1/4"bl
FFP-w k bl thru-out 1/4" to surface bl
Times 45-45-45-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1916.54	108.70	Initial Hydro-static
4	15.67	108.82	Open To Flow (1)
50	38.44	109.52	Shut-In(1)
95	1190.97	111.68	End Shut-In(1)
95	38.70	111.43	Open To Flow (2)
140	54.37	112.52	Shut-In(2)
185	1182.93	114.50	End Shut-In(2)
192	1891.21	113.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud	0.91

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17161 **DST#: 2**

Test Start: 2003.05.27 @ 01:21:12

Tool Information

Drill Pipe:	Length:	3922.00 ft	Diameter:	3.80 inches	Volume:	55.02 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		45000.00 lb
					Total Volume:	55.02 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		16.00 ft					String Weight:	Initial	39000.00 lb
Depth to Top Packer:		3926.00 ft						Final	39000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		44.02 ft							
Tool Length:		64.02 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			3911.00		
Hydraulic tool	5.00			3916.00		
Packer	5.00			3921.00	20.00	Bottom Of Top Packer
Packer	5.00			3926.00		
Stubb	1.00			3927.00		
Recorder	0.01	6668	Inside	3927.01		
Perforations	40.00			3967.01		
Recorder	0.01	11085	Outside	3967.02		
Bullnose	3.00			3970.02	44.02	Bottom Packers & Anchor
Total Tool Length:	**64.02**					

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17161 **DST#: 2**

Test Start: 2003.05.27 @ 01:21:12

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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.16 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

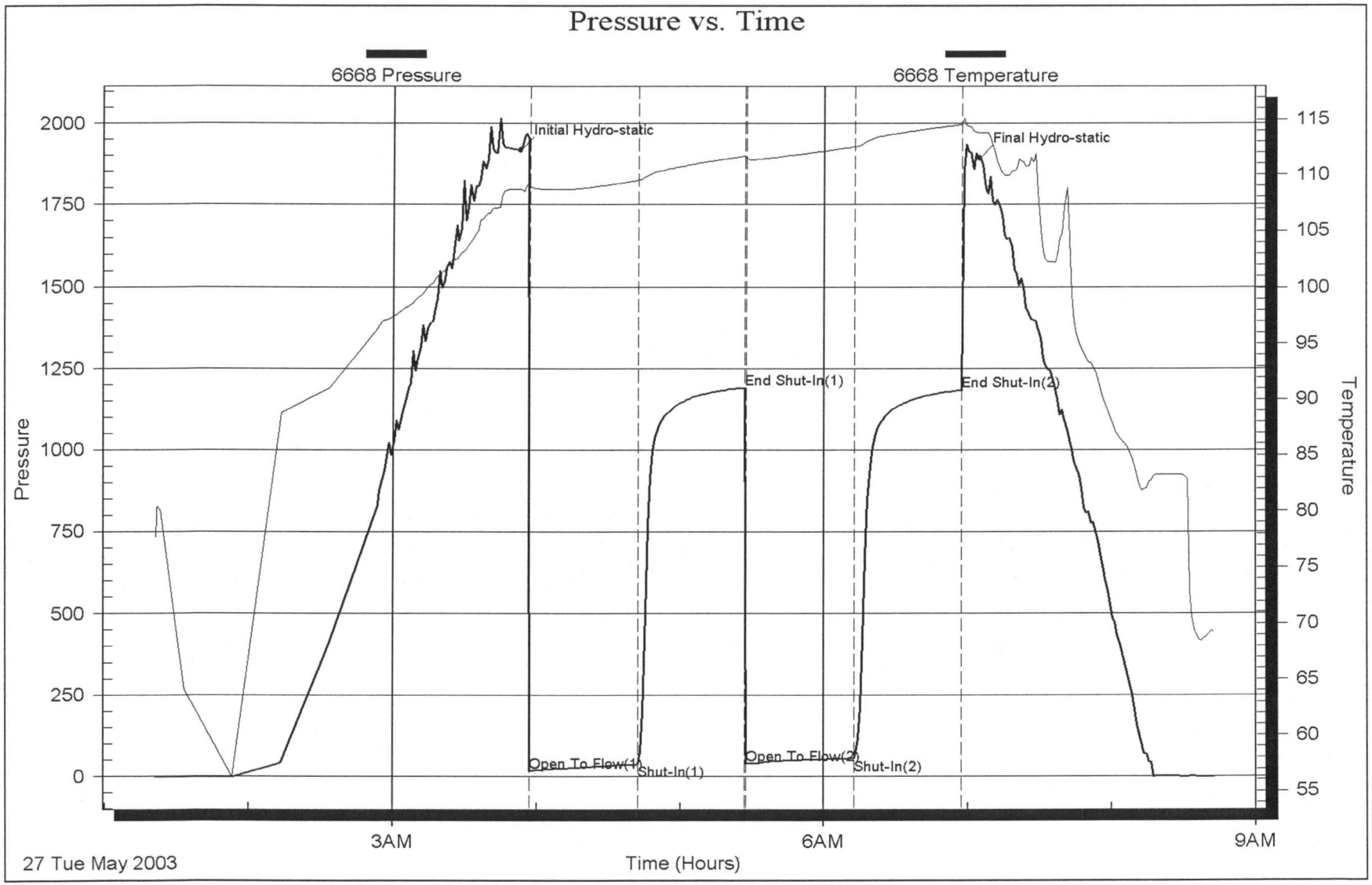
Length ft	Description	Volume bbl
65.00	mud	0.912

Total Length: 65.00 ft Total Volume: 0.912 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
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
65
60
55
3AM
6AM
9AM
27 Tue May 2003
Time (Hours)



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DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources Inc**

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

36-8s-25w Graham Ks

Holley 5-B

Start Date: 2003.05.27 @ 18:36:14

End Date: 2003.05.27 @ 23:37:13

Job Ticket #: 17162 DST #: 3

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

DRILL STEM TEST REPORT

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17162 **DST#: 3**

Test Start: 2003.05.27 @ 18:36:14

GENERAL INFORMATION:

Formation: **LKC I-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:15:13
Time Test Ended: 23:37:13

Test Type: Conventional Bottom Hole
Tester: Ray Schw ager
Unit No: 16

Interval: 3964.00 ft (KB) To 4010.00 ft (KB) (TVD)
Total Depth: 4010.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

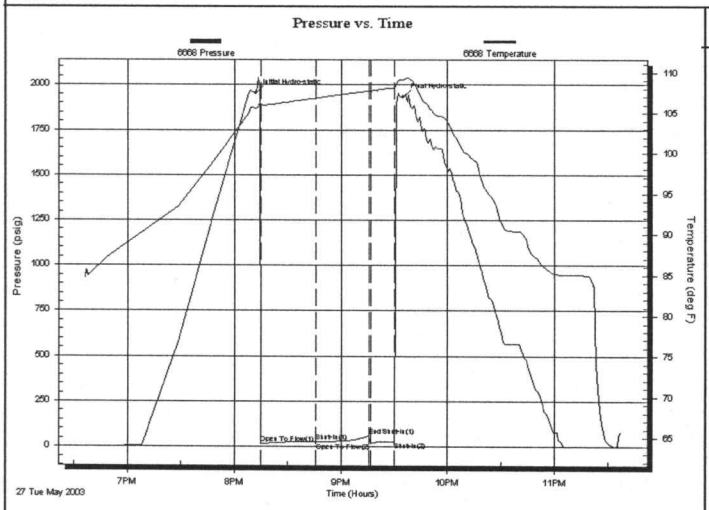
Reference Elevations: 2486.00 ft (KB)
2481.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 27.81 psig @ 3965.01 ft (KB)
Start Date: 2003.05.27 End Date: 2003.05.27
Start Time: 18:36:14 End Time: 23:37:13

Capacity: 7000.00 psig
Last Calib.: 2003.05.28
Time On Btm: 2003.05.27 @ 20:12:13
Time Off Btm: 2003.05.27 @ 21:35:13

TEST COMMENT: IFP-w k surface bl died in 7 min
FFP-no bl flushed tool
Times 30-30-15



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.61	105.63	Initial Hydro-static
3	17.75	106.06	Open To Flow (1)
34	27.81	106.85	Shut-In(1)
64	58.67	107.75	End Shut-In(1)
65	20.90	107.76	Open To Flow (2)
78	28.31	108.13	Shut-In(2)
83	1932.66	109.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 2%oil 98%mud	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17162 **DST#: 3**

Test Start: 2003.05.27 @ 18:36:14

Tool Information

Drill Pipe:	Length:	3953.00 ft	Diameter:	3.80 inches	Volume:	55.45 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	55.45 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		9.00 ft					String Weight:	Initial	39000.00 lb
Depth to Top Packer:		3964.00 ft						Final	39000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		46.02 ft							
Tool Length:		66.02 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			3949.00		
Hydraulic tool	5.00			3954.00		
Packer	5.00			3959.00	20.00	Bottom Of Top Packer
Packer	5.00			3964.00		
Stubb	1.00			3965.00		
Recorder	0.01	6668	Inside	3965.01		
Perforations	42.00			4007.01		
Recorder	0.01	11085	Outside	4007.02		
Bullnose	3.00			4010.02	46.02	Bottom Packers & Anchor
Total Tool Length:	**66.02**					

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources Inc

30-38 48th Sreet
Astoria,New York

ATTN: Jason Dinges

Holley 5-B

36-8s-25w Graham Ks

Job Ticket: 17162 **DST#: 3**

Test Start: 2003.05.27 @ 18:36:14

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.16 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

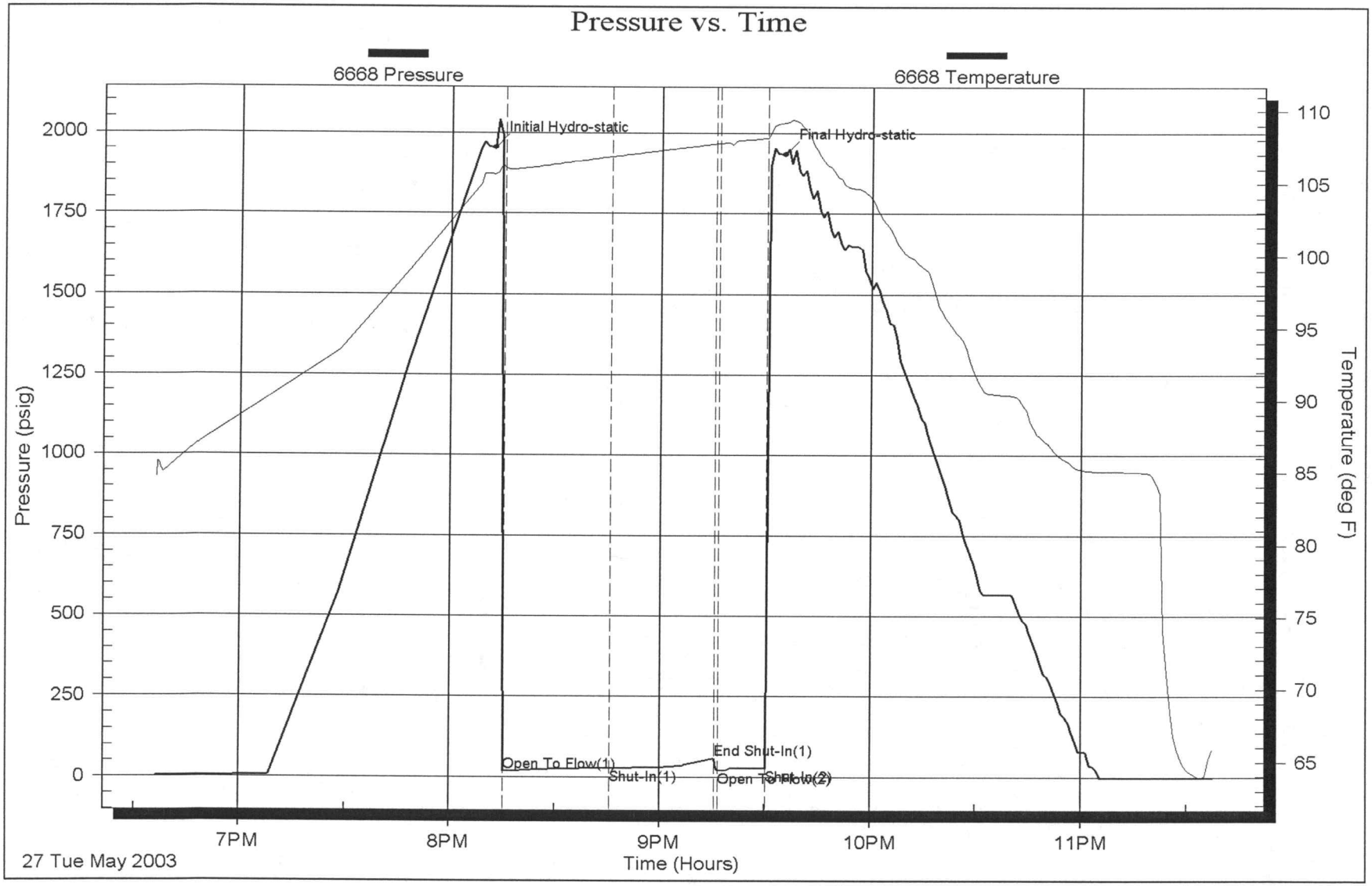
Length ft	Description	Volume bbl
5.00	SOCM 2%oil 98%mud	0.070

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
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
7PM
8PM
9PM
10PM
11PM
Time (Hours)
27 Tue May 2003