

DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources Inc**

30-38 48th street
Astoria New York 11103

ATTN: Jerry Dinges

25-8s-25w Graham Ks

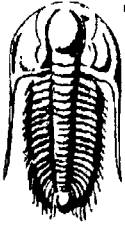
Holley 1-B

Start Date: 2003.06.04 @ 23:03:41

End Date: 2003.06.05 @ 05:01:40

Job Ticket #: 17168 DST #: 1

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

VJI Natural Resources Inc

Holley 1-B

30-38 48th street
Astoria New York 11103

25-8s-25w Graham Ks

Job Ticket: 17168

DST#: 1

ATTN: Jerry Dinges

Test Start: 2003.06.04 @ 23:03:41

GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:16:10

Time Test Ended: 05:01:40

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **16**

Interval: **3880.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Reference Elevations: **2409.00 ft (KB)**

Total Depth: **3920.00 ft (KB) (TVD)**

2404.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

KB to GR/CF: **5.00 ft**

Serial #: 6668

Inside

Press@RunDepth: **17.04 psig @ 3881.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2003.06.04**

End Date: **2003.06.05**

Last Calib.: **2003.06.05**

Start Time: **23:03:41**

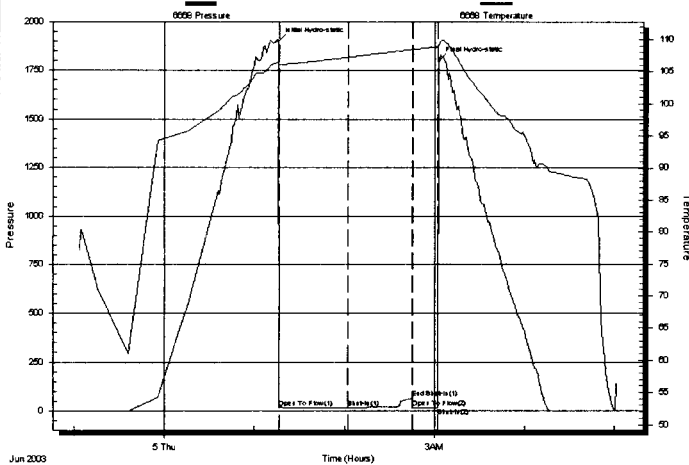
End Time: **05:01:40**

Time On Btm: **2003.06.05 @ 01:15:40**

Time Off Btm: **2003.06.05 @ 03:02:40**

TEST COMMENT: IFF-w k bl thru-out 1/4" to surface bl
FFP-no bl flushed tool
Times 45-45-15

Pressure vs. Time



PRESSURE SUMMARY

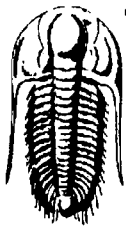
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.79	106.43	Initial Hydro-static
1	16.81	106.12	Open To Flow (1)
46	17.04	107.23	Shut-In(1)
90	65.01	108.47	End Shut-In(1)
90	15.24	108.46	Open To Flow (2)
107	16.26	108.88	Shut-In(2)
107	1798.96	109.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/show of oil in tool	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources Inc
30-38 48th street
Astoria New York 11103
ATTN: Jerry Dinges

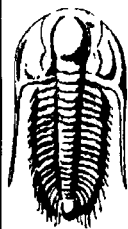
Holley 1-B
25-8s-25w Graham Ks
Job Ticket: 17168 **DST#: 1**
Test Start: 2003.06.04 @ 23:03:41

Tool Information

Drill Pipe:	Length: 3891.00 ft	Diameter: 3.80 inches	Volume: 54.58 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
			<u>Total Volume: 54.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3880.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.02 ft			
Tool Length:	61.02 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			3860.00	
Shut In Tool	5.00			3865.00	
Hydraulic tool	5.00			3870.00	
Packer	5.00			3875.00	21.00 Bottom Of Top Packer
Packer	5.00			3880.00	
Stubb	1.00			3881.00	
Recorder	0.01	6668	Inside	3881.01	
Perforations	36.00			3917.01	
Recorder	0.01	11085	Outside	3917.02	
Bullnose	3.00			3920.02	40.02 Bottom Packers & Anchor
Total Tool Length:	61.02				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources Inc

Holley 1-B

30-38 48th street
Astoria New York 11103

25-8s-25w Graham Ks

Job Ticket: 17168

DST#: 1

ATTN: Jerry Dinges

Test Start: 2003.06.04 @ 23:03:41

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.38 in ³	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
5.00	mud w/show of oil in tool	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:

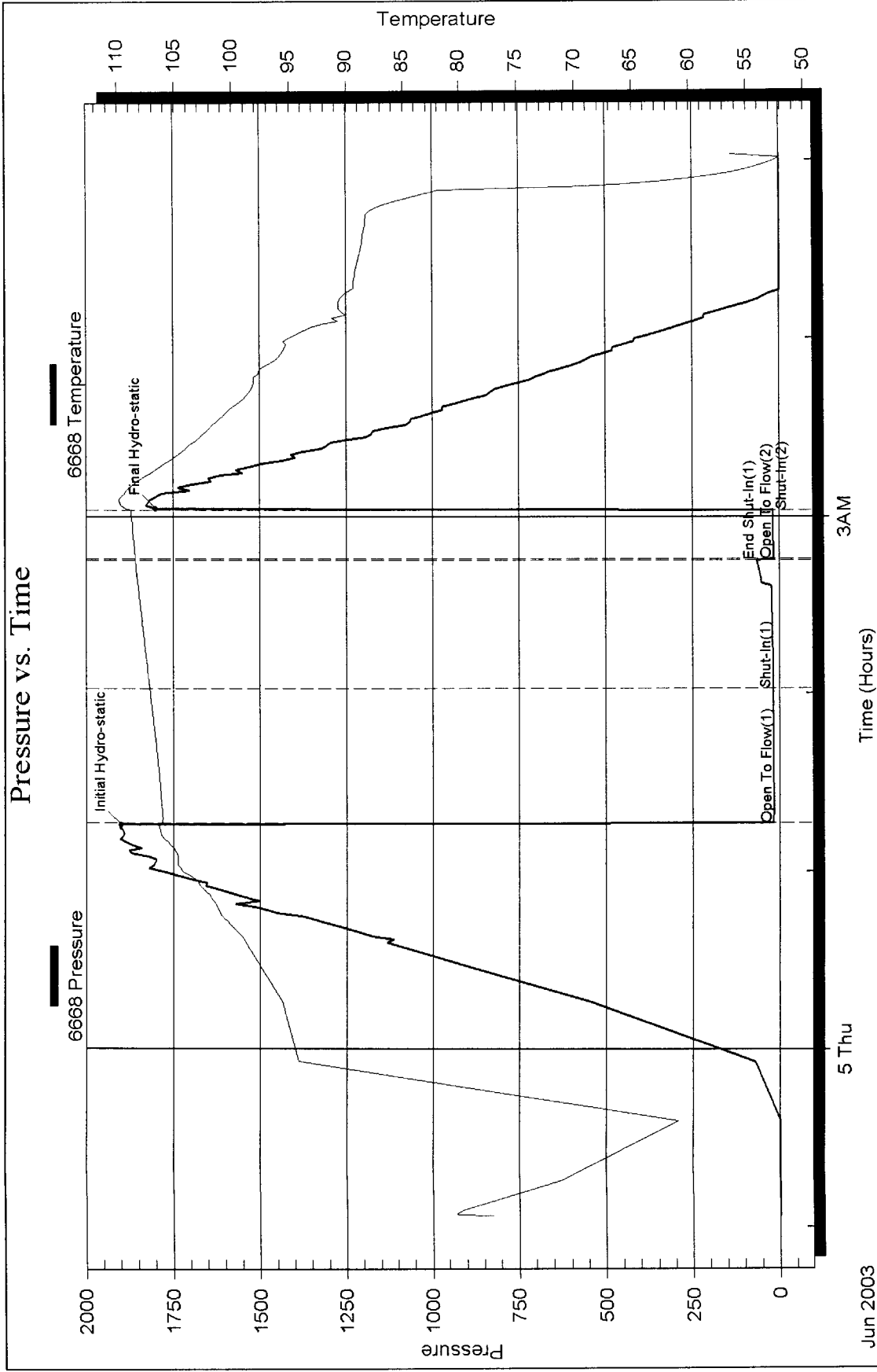
Serial #: 6668

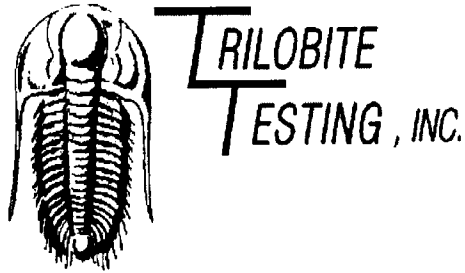
Inside

V/JI Natural Resources Inc

25-8s-25w Graham Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources Inc**

30-38 48th street
Astoria New York 11103

ATTN: Jerry Dinges

25-8s-25w Graham Ks

Holley 1-B

Start Date: 2003.06.05 @ 11:56:47

End Date: 2003.06.05 @ 16:26:16

Job Ticket #: 17169 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

VJI Natural Resources Inc

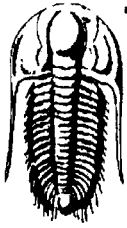
Holley 1-B

25-8s-25w Graham Ks

DST # 2

LKC I-J-K

2003.06.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

VJI Natural Resources Inc

30-38 48th street
Astoria New York 11103

ATTN: Jerry Dinges

Holley 1-B

25-8s-25w Graham Ks

Job Ticket: 17169

DST#: 2

Test Start: 2003.06.05 @ 11:56:47

GENERAL INFORMATION:

Formation: **LKC I-J-K**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 13:39:46

Time Test Ended: 16:26:16

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **16**

Interval: **3878.00 ft (KB) To 3940.00 ft (KB) (TVD)**

Reference Elevations: **2409.00 ft (KB)**

Total Depth: **3940.00 ft (KB) (TVD)**

2404.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

KB to GR/CF: **5.00 ft**

Serial #: 6668

Inside

Press@RunDepth: **17.05 psig @ 3883.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2003.06.05**

End Date: **2003.06.05**

Last Calib.: **2003.06.05**

Start Time: **11:56:47**

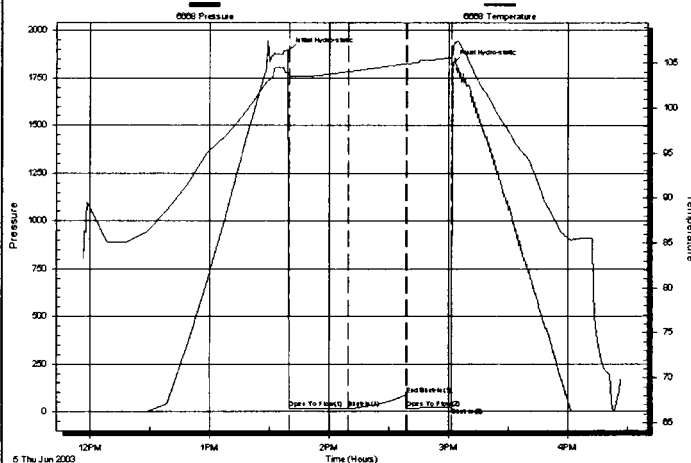
End Time: **16:26:16**

Time On Btm: **2003.06.05 @ 13:39:16**

Time Off Btm: **2003.06.05 @ 15:01:46**

TEST COMMENT: IFF- w k bl died in 11 min
FFP-no bl flushed tool
Times 30-30-15

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1892.71	103.94	Initial Hydro-static
1	14.45	103.65	Open To Flow (1)
31	17.05	104.06	Shut-In(1)
60	88.52	104.96	End Shut-In(1)
60	16.27	104.94	Open To Flow (2)
82	19.40	105.62	Shut-In(2)
83	1823.83	106.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/ show of oil in tool	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources Inc

Holley 1-B

30-38 48th street
Astoria New York 11103

25-8s-25w Graham Ks

Job Ticket: 17169

DST#: 2

ATTN: Jerry Dinges

Test Start: 2003.06.05 @ 11:56:47

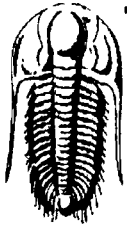
Tool Information

Drill Pipe:	Length: 3862.00 ft	Diameter: 3.80 inches	Volume: 54.17 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
			<u>Total Volume: 54.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3878.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.02 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			3858.00	
Shut In Tool	5.00			3863.00	
Hydraulic tool	5.00			3868.00	
Packer	5.00			3873.00	21.00 Bottom Of Top Packer
Packer	5.00			3878.00	
Stubb	1.00			3879.00	
Perforations	4.00			3883.00	
Recorder	0.01	6668	Inside	3883.01	
Blank Spacing	31.00			3914.01	
Recorder	0.01	11085	Outside	3914.02	
Perforations	23.00			3937.02	
Bullnose	3.00			3940.02	62.02 Bottom Packers & Anchor

Total Tool Length: 83.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources Inc

Holley 1-B

30-38 48th street
Astoria New York 11103

25-8s-25w Graham Ks

Job Ticket: 17169

DST#: 2

ATTN: Jerry Dinges

Test Start: 2003.06.05 @ 11:56:47

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:

bbf

Water Loss: 5.38 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 bbf
5.00	mud w/ show of oil in tool	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

