

DRILL STEM TEST REPORT

Prepared For: **VJI Natural Resources, Inc.**

30-38 48Th Street.
Astoria NY 11103

ATTN: Jason Dinges

4-23S-17W

Alexander #5

Start Date: 2005.04.22 @ 03:46:36

End Date: 2005.04.22 @ 10:36:50

Job Ticket #: 19995 DST #: 1

15-145-21507-00-00

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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.

30-38 48th Street
Astoria NY 11103

ATTN: Jason Dinges

Alexander #5

4-23S-17W

Job Ticket: 19995

DST#: 1

Test Start: 2005.04.22 @ 03:46:36

GENERAL INFORMATION:

Formation: Conglomerate

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:21:35

Time Test Ended: 10:36:50

Interval: 4090.00 ft (KB) To 4150.00 ft (KB) (TVD)

Total Depth: 4150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 30

Reference Elevations: 2066.00 ft (KB)

2061.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 19.96 psig @ 4092.00 ft (KB)

Start Date: 2005.04.22

End Date:

2005.04.22

Start Time: 03:46:36

End Time:

10:36:50

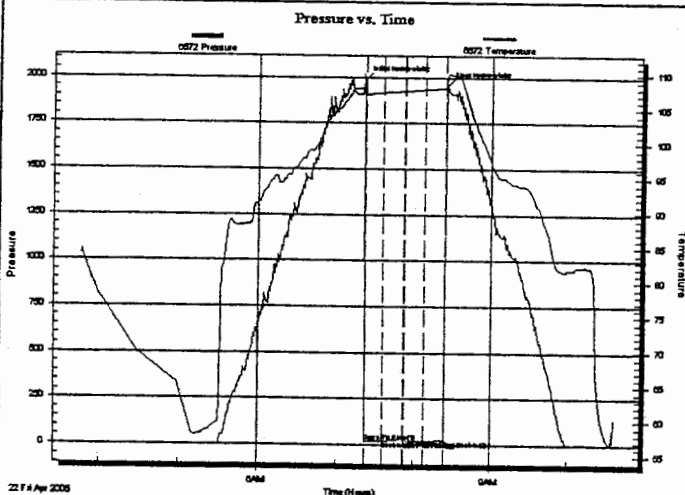
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btmr: 2005.04.22 @ 07:21:05

Time Off Btmr: 2005.04.22 @ 08:25:20

TEST COMMENT: IF:Weak blow built to 1/4" in H₂O.
IS:No blow back.
FF:Weak surface blow built to 1/4" in H₂O.
FS:No blow back.



PRESSURE SUMMARY

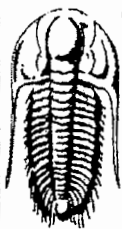
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1985.24	107.81	Initial Hydro-static
1	17.01	107.28	Open To Flow (1)
15	18.85	107.46	Shut-In(1)
31	31.83	107.66	End Shut-In(1)
32	19.26	107.68	Open To Flow (2)
47	19.96	107.90	Shut-In(2)
64	26.56	108.13	End Shut-In(2)
65	1956.87	109.95	Final Hydro-static

Recovery

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

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources, Inc.

Alexander #5

30-38 48Th Street.
Astoria NY 11103

4-23S-17W

Job Ticket: 19995

DST#: 1

ATTN: Jason Dinges

Test Start: 2005.04.22 @ 03:46:36

Tool Information

Drill Pipe:	Length: 4181.00 ft	Diameter: 3.80 inches	Volume: 58.65 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 58.65 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	120.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4090.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	89.00 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			4062.00	
Shut In Tool	5.00			4067.00	
Hydraulic tool	5.00			4072.00	
Jars	5.00			4077.00	
Safety Joint	3.00			4080.00	
Packer	5.00			4085.00	29.00 Bottom Of Top Packer
Packer	5.00			4090.00	
Stubb	2.00			4092.00	
Recorder	0.00	6672	Inside	4092.00	
Anchor	24.00			4116.00	
Blank Spacing	30.00			4146.00	
Recorder	0.00	13266	Outside	4146.00	
Bullnose	4.00			4150.00	60.00 Bottom Packers & Anchor

Total Tool Length: 89.00



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FLUID SUMMARY

VJI Natural Resources, Inc.

Alexander #5

30-38 48Th Street
Astoria NY 11103

4-23S-17W

Job Ticket: 19995

DST#: 1

ATTN: Jason Dinges

Test Start: 2005.04.22 @ 03:46:36

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: 8.78 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SGCM	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:

DST Test Number: 1

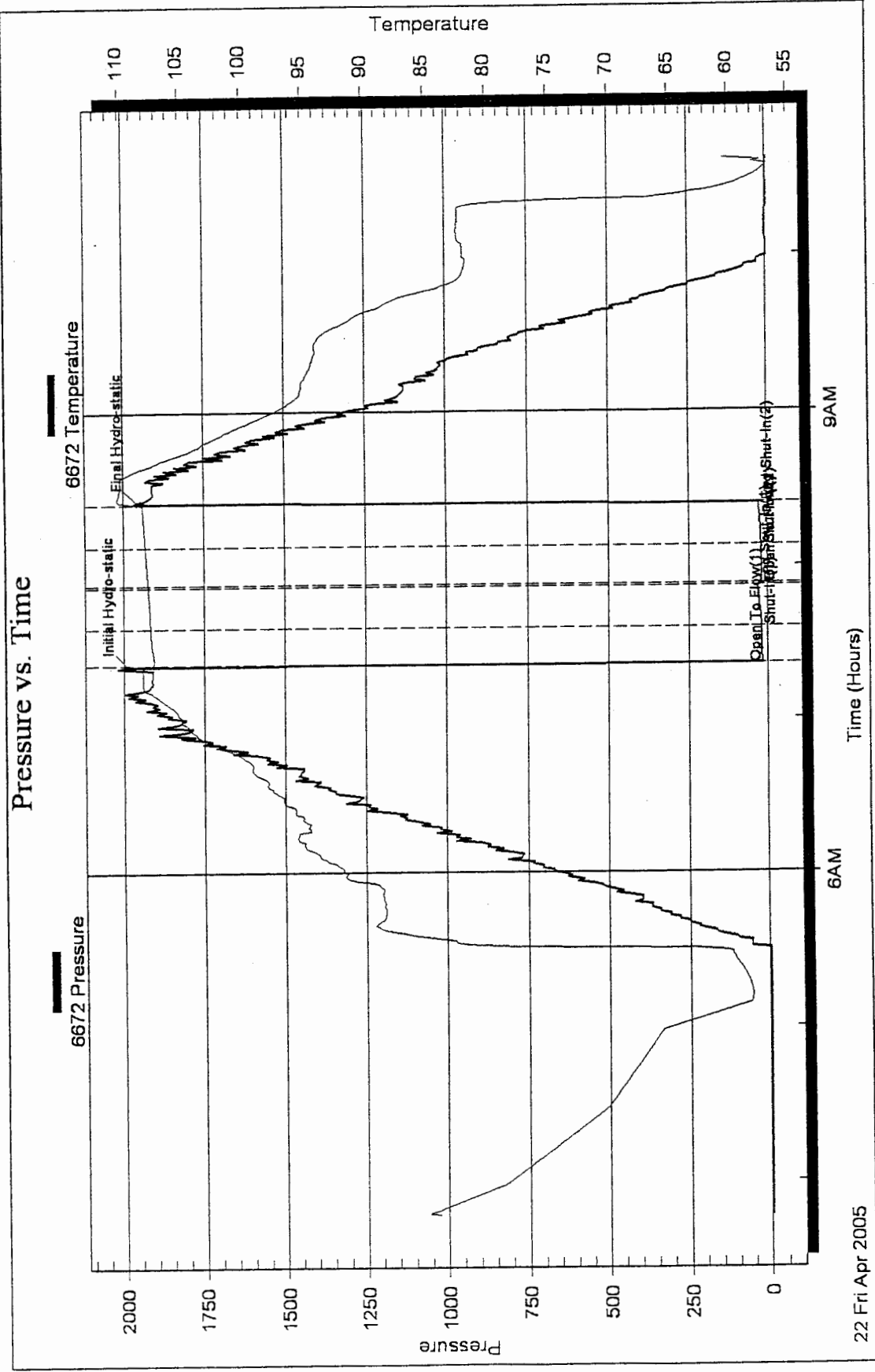
4-23S-17W

V/J Natural Resources, Inc.

Inside

Serial #: 6672

Pressure vs. Time





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Prepared For: **VJI Natural Resources, Inc.**

30-38 48Th Street.
Astoria NY 11103

ATTN: Jason Dinges

4-23S-17W

Alexander #5

Start Date: 2005.04.23 @ 14:51:08

End Date: 2005.04.23 @ 21:54:08

Job Ticket #: 19996 DST #: 2

15-145-21507-00-00

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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 Street.
Astoria NY 11103

ATTN: Jason Dinges

Alexander #5

4-23S-17W

Job Ticket: 19996

DST#: 2

Test Start: 2005.04.23 @ 14:51:08

GENERAL INFORMATION:

Formation: **Conglomerate**

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

Time Tool Opened: 17:22:53

Time Test Ended: 21:54:08

Test Type: **Conventional Bottom Hole**

Tester: **Darren L.Amerine**

Unit No: **30**

Interval: **4220.00 ft (KB) To 4290.00 ft (KB) (TVD)**

Total Depth: **4290.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2066.00 ft (KB)**

2061.00 ft (CF)

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

Serial #: **6672**

Inside

Press@RunDepth: **325.02 psig @ 4222.00 ft (KB)**

Start Date: **2005.04.23**

End Date:

2005.04.23

Start Time: **14:51:09**

End Time:

21:54:08

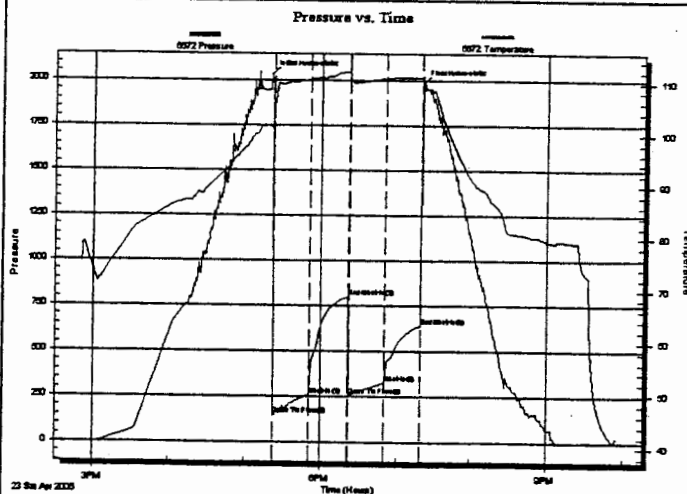
Capacity: **7000.00 psig**

Last Calib.: **2005.04.23**

Time On Btm: **2005.04.23 @ 17:20:38**

Time Off Btm: **2005.04.23 @ 19:20:08**

TEST COMMENT: IF: Strong blow b.o.b in 30 sec.
IS: Bled down n for 5 mins. no bb.
FF: Weak blow built to b.o.b in 15 mins.
FS: Bled down n for 5 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.82	101.66	Initial Hydro-static
3	148.30	105.42	Open To Flow (1)
31	258.29	110.72	Shut-In (1)
61	797.01	112.17	End Shut-In (1)
61	256.82	111.76	Open To Flow (2)
90	325.02	110.81	Shut-In (2)
119	639.84	111.08	End Shut-In (2)
120	1982.12	111.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	120' of gip	0.00
420.00	GCSalt water	5.89
120.00	HIMCGW 10% gas 50% water 40% mud	1.68

Gas Rates

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

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Alexander #5

30-38 48th Street.
Astoria NY 11103

4-23S-17W

Job Ticket: 19996

DST#: 2

ATTN: Jason Dinges

Test Start: 2005.04.23 @ 14:51:08

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:

80000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 0.90 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	120' of gip	0.000
420.00	GCSalt water	5.891
120.00	HMC GW 10% gas 50% water 40% mud	1.683

Total Length: 540.00 ft

Total Volume: 7.574 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .08@74'degrees=80000



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TOOL DIAGRAM

VJI Natural Resources, Inc.

Alexander #5

30-38 48Th Street.
Astoria NY 11103

4-23S-17W

Job Ticket: 19996

DST#: 2

ATTN: Jason Dinges

Test Start: 2005.04.23 @ 14:51:08

Tool Information

Drill Pipe:	Length: 4205.00 ft	Diameter: 3.80 inches	Volume: 58.99 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4220.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4192.00	
Shut In Tool	5.00			4197.00	
Hydraulic tool	5.00			4202.00	
Jars	5.00			4207.00	
Safety Joint	3.00			4210.00	
Packer	5.00			4215.00	29.00 Bottom Of Top Packer
Packer	5.00			4220.00	
Stubb	2.00			4222.00	
Recorder	0.00	6672	Inside	4222.00	
Anchor	32.00			4254.00	
Recorder	0.00	13266	Outside	4254.00	
Blank Spacing	32.00			4286.00	
Bullnose	4.00			4290.00	70.00 Bottom Packers & Anchor

Total Tool Length: 99.00

Pressure vs. Time

