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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

30-38 48th St.
Astoria, New York. 11103

ATTN: Bob Stoltz

3-23s-17w

Chicago Ranch #1

Start Date: 2004.12.08 @ 04:06:24

End Date: 2004.12.08 @ 12:03:54

Job Ticket #: 19212 DST #: 1

15-145-21500

N2 SE SE

990 FSL 600 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

VJI Natural Resources, Inc.

Chicago Ranch #1

3-23s-17w

DST # 1

Cherokee SS

2004.12.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources, Inc.

Chicago Ranch #1

30-38 48th St.
Astoria, New York 11103

3-23s-17w

Job Ticket: 19212

DST#: 1

ATTN: Bob Stoltz

Test Start: 2004.12.08 @ 04:06:24

Tool Information

Drill Pipe:	Length: 4148.00 ft	Diameter: 3.80 inches	Volume: 58.19 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: 58000.00 lb
			<u>Total Volume: 58.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4149.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4121.00	
Shut In Tool	5.00			4126.00	
Hydraulic tool	5.00			4131.00	
Jars	5.00			4136.00	
Safety Joint	3.00			4139.00	
Packer	5.00			4144.00	29.00 Bottom Of Top Packer
Packer	5.00			4149.00	
Stubb	1.00			4150.00	
Recorder	0.00	6625	Inside	4150.00	
Anchor	12.00			4162.00	
Recorder	0.00	10991	Outside	4162.00	
Bullnose	3.00			4165.00	16.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources, Inc.

Chicago Ranch #1

30-38 48th St.
Astoria, New York 11103

3-23s-17w

Job Ticket: 19212

DST#: 1

ATTN: Bob Stoltz

Test Start: 2004.12.08 @ 04:06:24

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: 8.37 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1170.00	100 - Mud	16.412

Total Length: 1170.00 ft

Total Volume: 16.412 bbl

Num Fluid Samples: 0

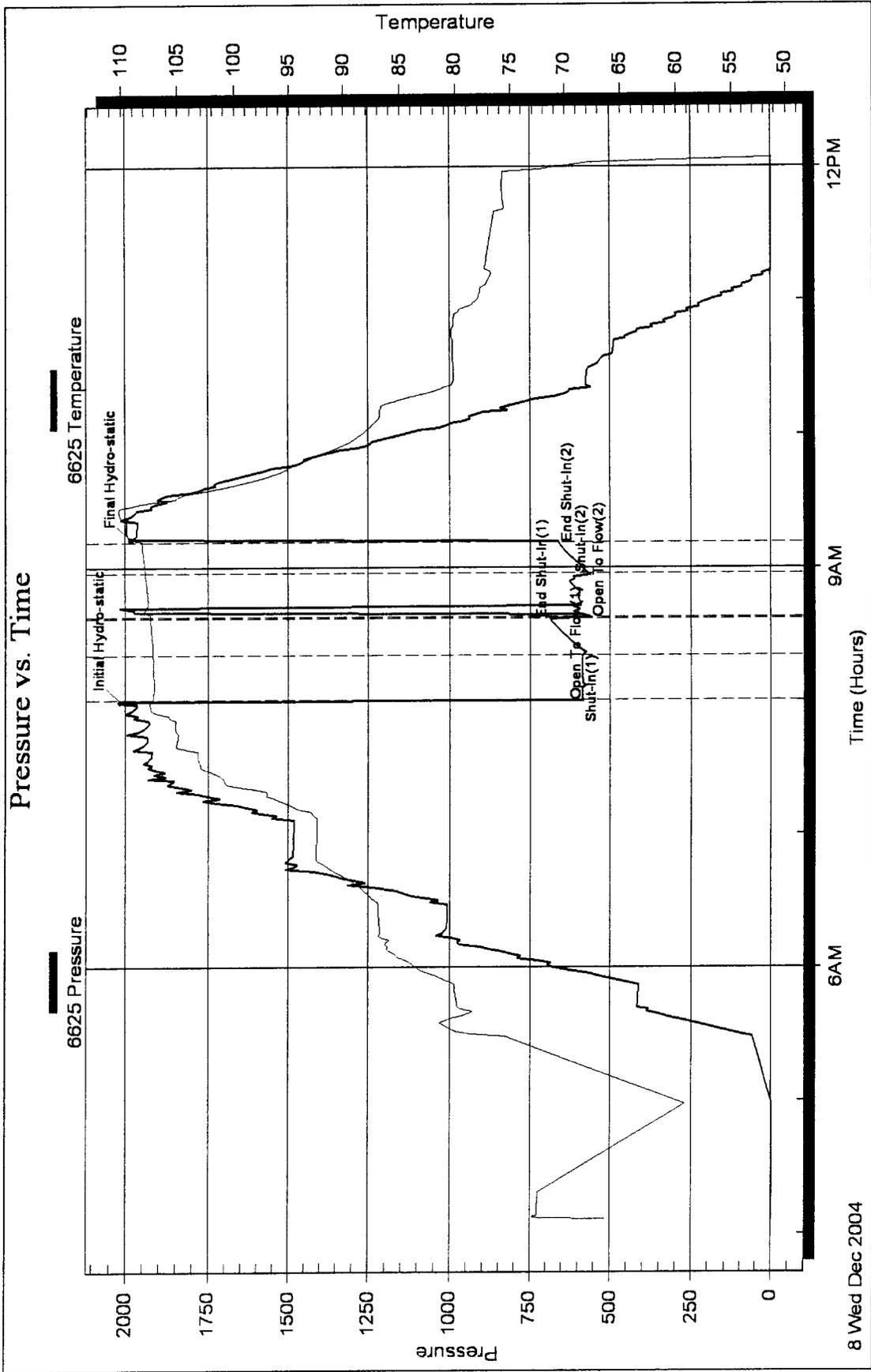
Num Gas Bombs: 0

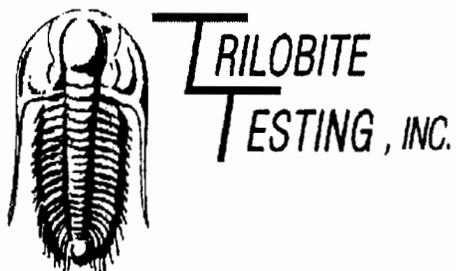
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

30-38 48th St.
Astoria, New York. 11103

ATTN: Bob Stoltz

3-23s-17w

Chicago Ranch #1

Start Date: 2004.12.08 @ 12:12:58

End Date: 2004.12.08 @ 17:17:28

Job Ticket #: 19213 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

V/JI Natural Resources, Inc.
30-38 48th St.
Astoria, New York 11103
ATTN: Bob Stoltz

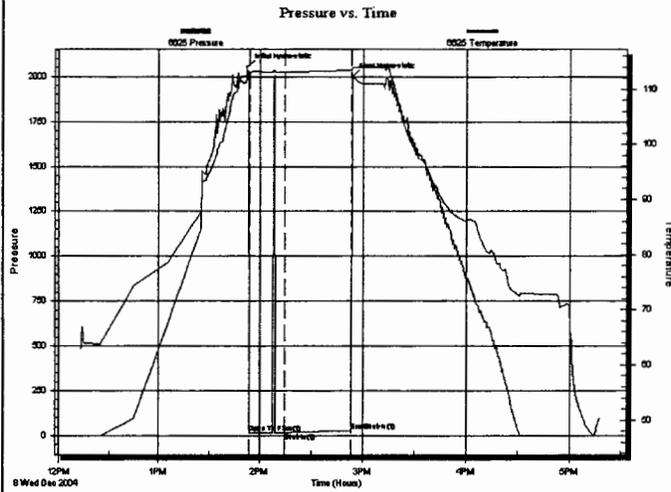
Chicago Ranch #1
3-23s-17w
Job Ticket: 19213 **DST#: 2**
Test Start: 2004.12.08 @ 12:12:58

GENERAL INFORMATION:

Formation: **Cherokee SS**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:53:58
Time Test Ended: 17:17:28
Interval: **4149.00 ft (KB) To 4165.00 ft (KB) (TVD)**
Total Depth: **4165.00 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: **2008.00 ft (KB)**
2003.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: **17.74 psig @ 4150.00 ft (KB)**
Start Date: **2004.12.08** End Date: **2004.12.08**
Start Time: **12:13:01** End Time: **17:17:28**
Capacity: **7000.00 psig**
Last Calib.: **2004.12.08**
Time On Btm: **2004.12.08 @ 13:52:43**
Time Off Btm: **2004.12.08 @ 14:53:58**

TEST COMMENT: F:Weak blow built to 1/4" flush tool no difference.
IS:Bled down for 5 mins.no blow.



PRESSURE SUMMARY

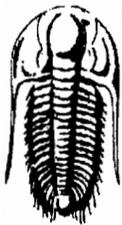
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2052.26	112.61	Initial Hydro-static
2	15.70	112.56	Open To Flow (1)
22	17.74	113.07	Shut-In(1)
61	28.78	113.45	End Shut-In(1)
62	2000.40	113.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SGCM 8% gas 92% mud	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.

Chicago Ranch #1

30-38 48th St.
Astoria, New York 11103

3-23s-17w

Job Ticket: 19213 **DST#: 2**

ATTN: Bob Stoltz

Test Start: 2004.12.08 @ 12:12:58

Tool Information

Drill Pipe:	Length: 4148.00 ft	Diameter: 3.80 inches	Volume: 58.19 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: 58.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4149.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4121.00	
Shut In Tool	5.00			4126.00	
Hydraulic tool	5.00			4131.00	
Jars	5.00			4136.00	
Safety Joint	3.00			4139.00	
Packer	5.00			4144.00	29.00 Bottom Of Top Packer
Packer	5.00			4149.00	
Stubb	1.00			4150.00	
Recorder	0.00	6625	Inside	4150.00	
Anchor	12.00			4162.00	
Recorder	0.00	10991	Outside	4162.00	
Bullnose	3.00			4165.00	16.00 Bottom Packers & Anchor

Total Tool Length: 45.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources, Inc.

Chicago Ranch #1

30-38 48th St.
Astoria, New York 11103

3-23s-17w

Job Ticket: 19213

DST#: 2

ATTN: Bob Stoltz

Test Start: 2004.12.08 @ 12:12:58

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:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SGCM 8%gas 92%mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

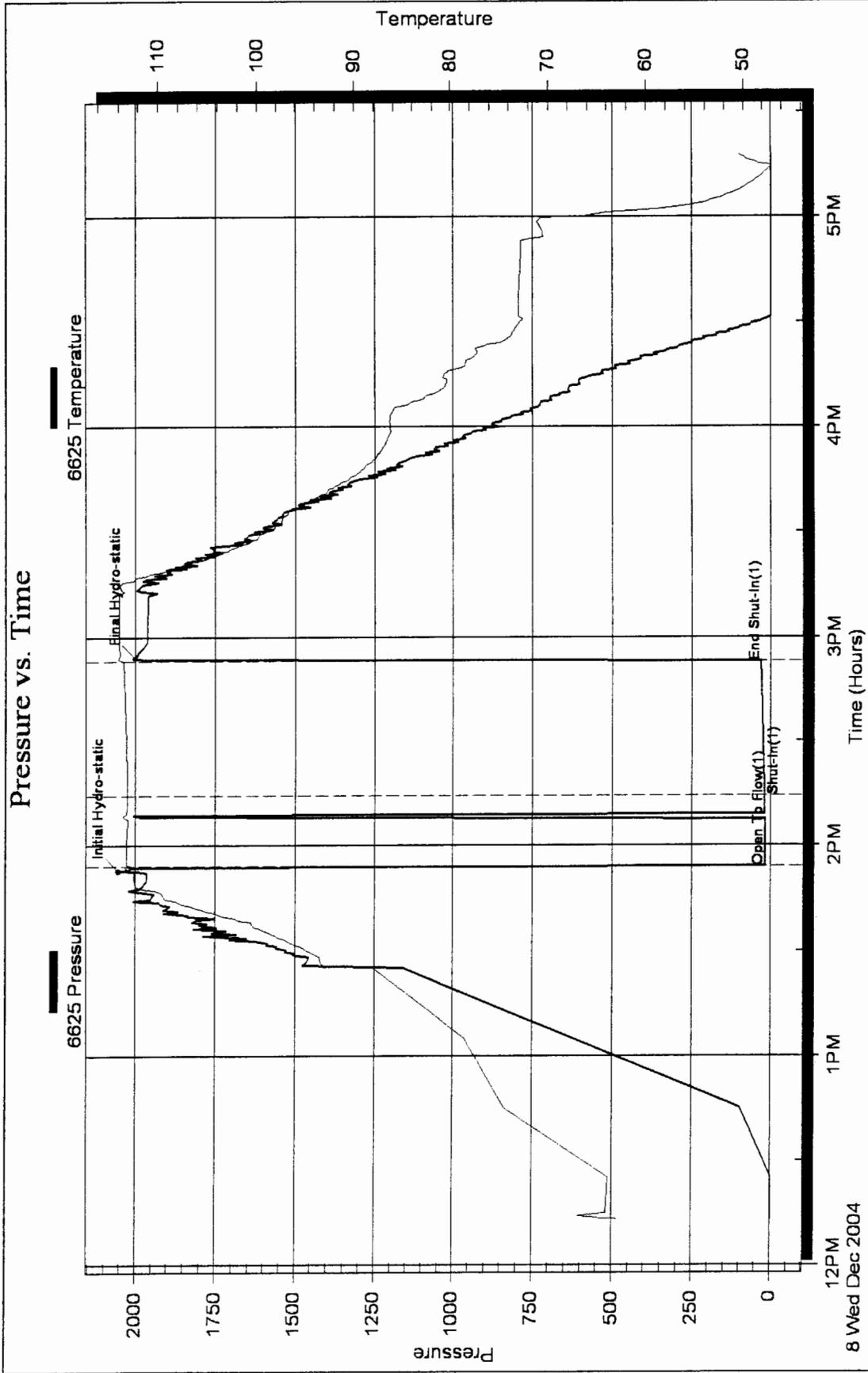
Serial #:

Laboratory Name:

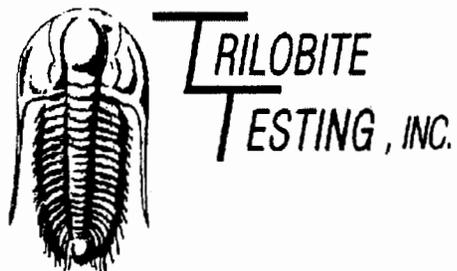
Laboratory Location:

Recovery Comments:

Pressure vs. Time



8 Wed Dec 2004 12 PM



DRILL STEM TEST REPORT

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

30-38 48th St.
Astoria, New York. 11103

ATTN: Bob Stoltz

3-23s-17w

Chicago Ranch #1

Start Date: 2004.12.09 @ 01:58:15

End Date: 2004.12.09 @ 11:07:00

Job Ticket #: 19214 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

VJI Natural Resources, Inc.

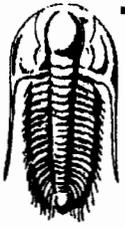
Chicago Ranch #1

3-23s-17w

DST # 3

Conglomerate Chert

2004.12.09



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DRILL STEM TEST REPORT

VJI Natural Resources, Inc.
30-38 48th St.
Astoria, New York 11103
ATTN: Bob Stoltz

Chicago Ranch #1
3-23s-17w
Job Ticket: 19214 **DST#: 3**
Test Start: 2004.12.09 @ 01:58:15

GENERAL INFORMATION:

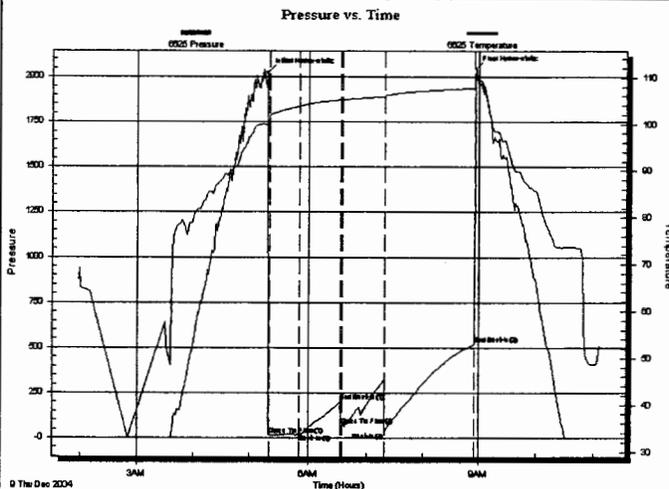
Formation: **Conglomerate Chert**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:20:15
Time Test Ended: 11:07:00
Interval: **4149.00 ft (KB) To 4230.00 ft (KB) (TVD)**
Total Depth: **4230.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Reference Elevations: 2008.00 ft (KB)
2003.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625

Inside

Press@RunDepth: 31.61 psig @ 4150.00 ft (KB)
Start Date: 2004.12.09 End Date: 2004.12.09
Start Time: 01:58:18 End Time: 11:07:00
Capacity: 7000.00 psig
Last Calib.: 2004.12.09
Time On Btm: 2004.12.09 @ 05:18:30
Time Off Btm: 2004.12.09 @ 08:56:45

TEST COMMENT: IF: Fair to strong blow b.o.b in 13 mins.
IS: Bled down n for 10 mins. no blow back.
FF: Fair blow built to 11" in 45 mins.
FSI: Bled down n for 10 mins. no blow back.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.65	100.06	Initial Hydro-static
2	15.23	101.61	Open To Flow (1)
32	20.58	103.90	Shut-In(1)
74	201.14	105.22	End Shut-In(1)
76	71.72	105.23	Open To Flow (2)
121	31.61	106.06	Shut-In(2)
217	519.56	107.73	End Shut-In(2)
219	2044.03	111.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	460' of gip	0.00
30.00	VSGCM 6% gas 94% mud	0.42

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Resources, Inc.
30-38 48th St.
Astoria, New York 11103
ATTN: Bob Stoltz

Chicago Ranch #1
3-23s-17w
Job Ticket: 19214 **DST#: 3**
Test Start: 2004.12.09 @ 01:58:15

Tool Information

Drill Pipe:	Length: 4147.00 ft	Diameter: 3.80 inches	Volume: 58.17 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: 70000.00 lb
			<u>Total Volume: 58.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4149.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	110.00 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			4121.00	
Shut In Tool	5.00			4126.00	
Hydraulic tool	5.00			4131.00	
Jars	5.00			4136.00	
Safety Joint	3.00			4139.00	
Packer	5.00			4144.00	29.00 Bottom Of Top Packer
Packer	5.00			4149.00	
Stubb	1.00			4150.00	
Recorder	0.00	6625	Inside	4150.00	
Perforations	16.00			4166.00	
Recorder	0.00	10991	Outside	4166.00	
Drill Pipe	61.00			4227.00	
Bullnose	3.00			4230.00	81.00 Bottom Packers & Anchor

Total Tool Length: 110.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Resources, Inc.

Chicago Ranch #1

30-38 48th St.
Astoria, New York 11103

3-23s-17w

Job Ticket: 19214

DST#: 3

ATTN: Bob Stoltz

Test Start: 2004.12.09 @ 01:58:15

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 31.13 in³

Gas Cushion Type:

Resistivity: 0.30 ohm.m

Gas Cushion Pressure:

psig

Salinity: 27000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	460' of gip	0.000
30.00	VSGCM 6% gas 94% mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

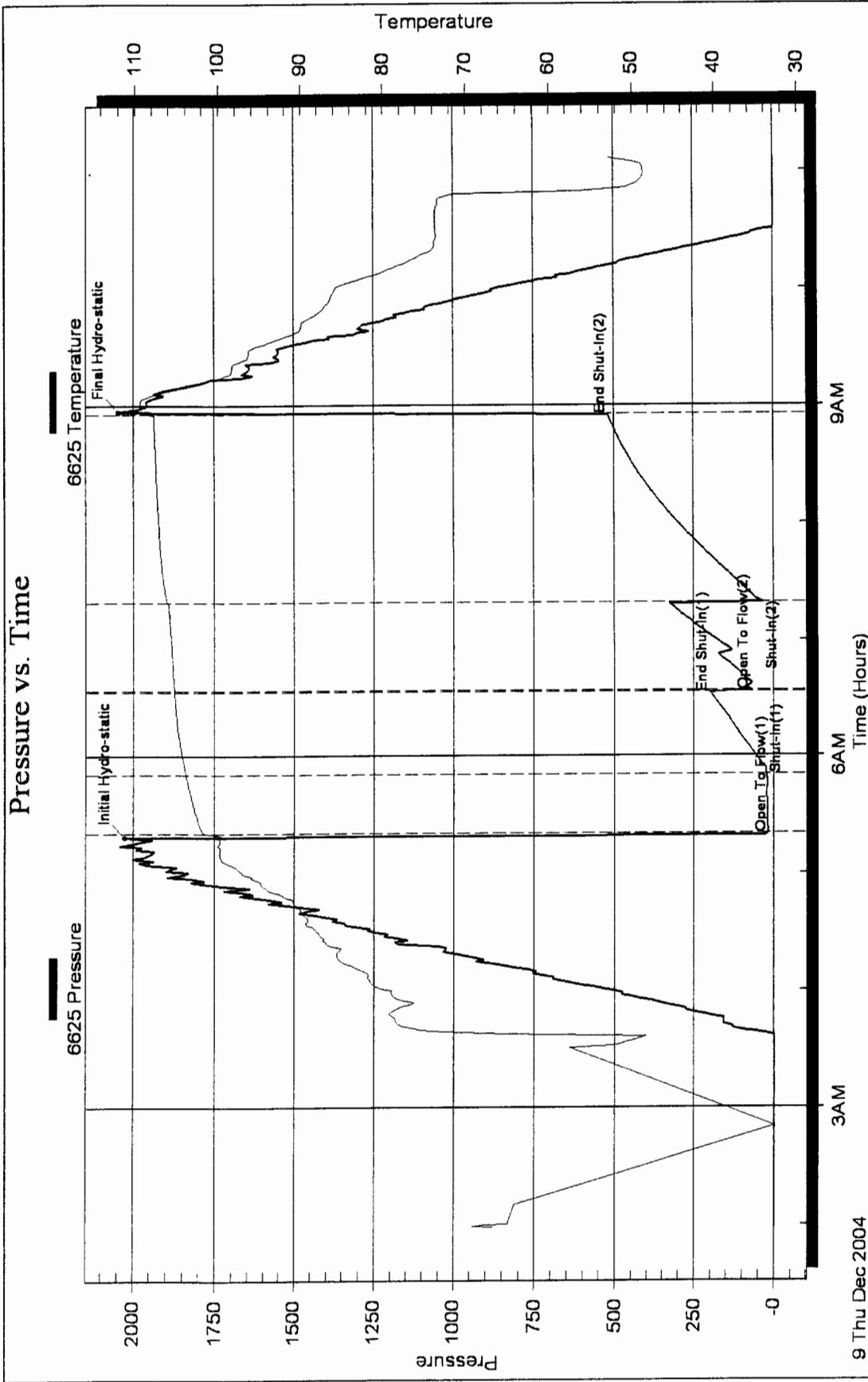
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



9 Thu Dec 2004