15-145-21488 4-23s-17w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **V.J.I. Natural Resources Inc.**

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

4-23-17 Pawnee

Alexander #1

Start Date: 2004.01.01 @ 03:18:32
End Date: 2004.01.01 @ 11:10:47
Job Ticket #: 18003 DST #: 1

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

V.J.I. Natural Resources Inc. Alexander #1 4-23-17 Pawnee DST # 1 Sand 2004.01.01

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18003 **DST#: 1**

Test Start: 2004.01.01 @ 03:18:32

GENERAL INFORMATION:

Formation: **Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:06:02
Time Test Ended: 11:10:47

Test Type: Conventional Bottom Hole
Tester: Nathan
Unit No: 16

Interval: 2230.00 ft (KB) To 2345.00 ft (KB) (TVD)
Total Depth: 2345.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

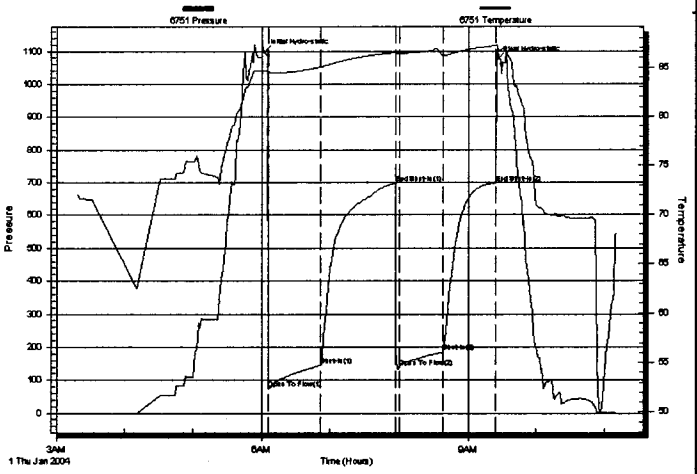
Reference Elevations: 2054.00 ft (KB)
2049.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6751 **Inside**

Press@RunDepth: 184.00 psig @ 2332.00 ft (KB)
Start Date: 2004.01.01 End Date: 2004.01.01
Start Time: 03:18:42 End Time: 11:10:47

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.01.01 @ 06:02:02
Time Off Btm: 2004.01.01 @ 09:25:02

TEST COMMENT: IF- Good blow building O.B.B. in 2 minutes 40 seconds
ISI- Weak surface blow throughout
FF- Good blow building O.B.B. in 1 minute 10 seconds
FSI-Weak blow building to 4.5 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1096.00	84.71	Initial Hydro-static
4	75.50	84.55	Open To Flow (1)
49	144.44	85.04	Shut-In(1)
115	697.25	86.52	End Shut-In(1)
118	137.75	86.41	Open To Flow (2)
156	184.00	86.23	Shut-In(2)
203	698.59	87.20	End Shut-In(2)
203	1072.99	87.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	GCM 92%mud 8%gas	3.26

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18003 **DST#: 1**

Test Start: 2004.01.01 @ 03:18:32

Tool Information

Drill Pipe:	Length:	2115.00 ft	Diameter:	3.80 inches	Volume:	29.67 bbl	Tool Weight:		2400.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		24000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	Weight to Pull Loose:		48000.00 lb
					Total Volume:	30.26 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		2230.00 ft						Final	42000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		115.00 ft							
Tool Length:		142.00 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			2204.00		
Shut In Tool	5.00			2209.00		
Hydraulic tool	5.00			2214.00		
Jars	5.00			2219.00		
Safety Joint	2.00			2221.00		
Packer	4.00			2225.00	27.00	Bottom Of Top Packer
Packer	5.00			2230.00		
Stubb	1.00			2231.00		
Perforations	5.00			2236.00		
Change Over Sub	1.00			2237.00		
Blank Spacing	94.00			2331.00		
Change Over Sub	1.00			2332.00		
Recorder	0.00	6751	Inside	2332.00		
Perforations	10.00			2342.00		
Recorder	0.00	13630	Outside	2342.00		
Bullnose	3.00			2345.00	115.00	Bottom Packers & Anchor
Total Tool Length:	**142.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18003 **DST#: 1**

Test Start: 2004.01.01 @ 03:18:32

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:	12000 ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.74 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

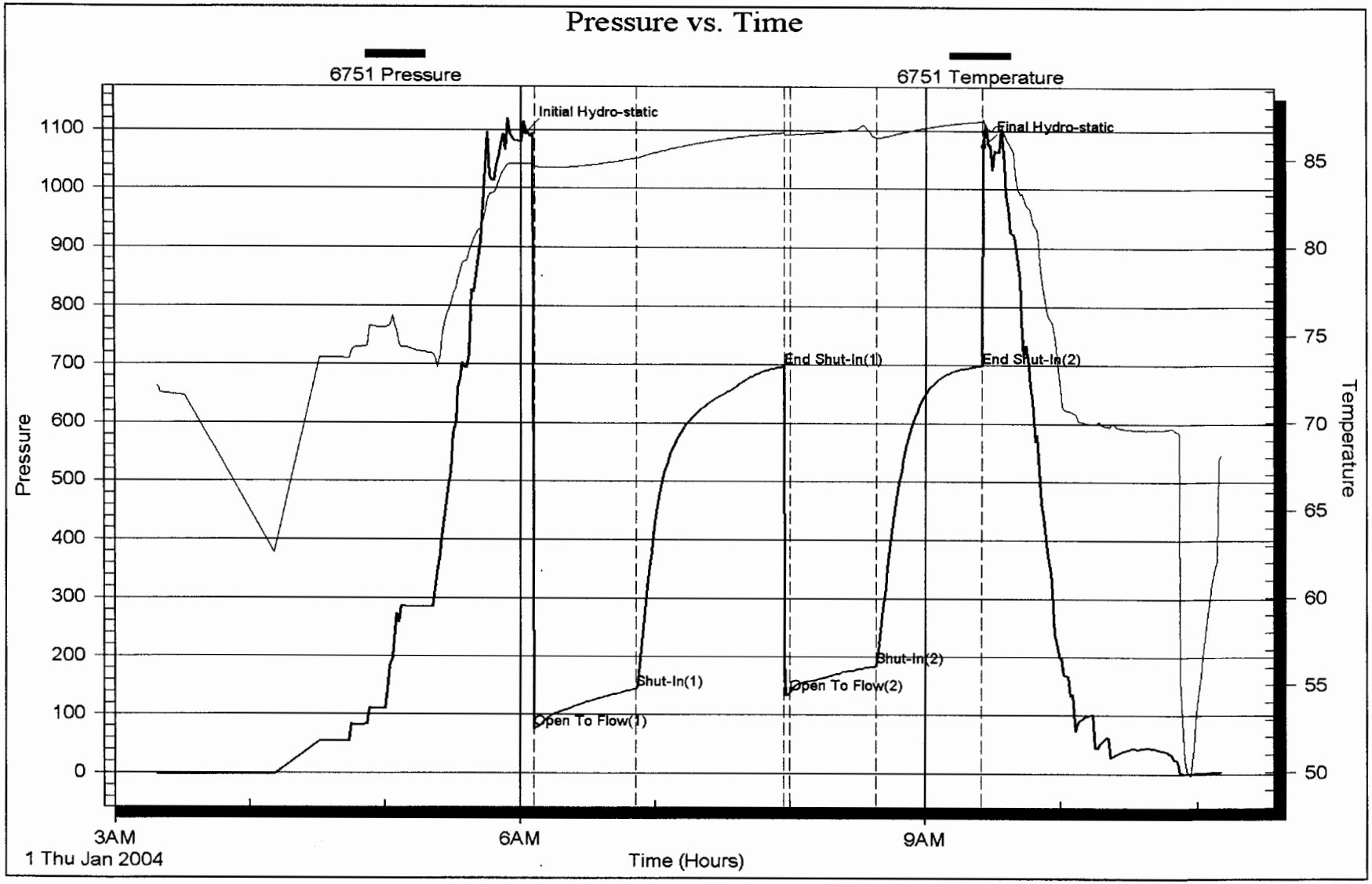
Length ft	Description	Volume bbl
310.00	GCM 92%mud 8%gas	3.255

Total Length: 310.00 ft Total Volume: 3.255 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6751 Pressure
6751 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
1100
1000
900
800
700
600
500
400
300
200
100
0
85
80
75
70
65
60
55
50
3AM
1 Thu Jan 2004
6AM
9AM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **V.J.I. Natural Resources Inc.**

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

4-23-17 Pawnee

Alexander #1

Start Date: 2004.01.01 @ 21:17:08
End Date: 2004.01.02 @ 07:18:53
Job Ticket #: 18004 DST #: 2

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

DRILL STEM TEST REPORT

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18004 **DST#: 2**

Test Start: 2004.01.01 @ 21:17:08

GENERAL INFORMATION:

Formation: **Lower Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:46:08
Time Test Ended: 07:18:53

Test Type: Conventional Bottom Hole
Tester: Nathan
Unit No: 16

Interval: 2338.00 ft (KB) To 2430.00 ft (KB) (TVD)
Total Depth: 2430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

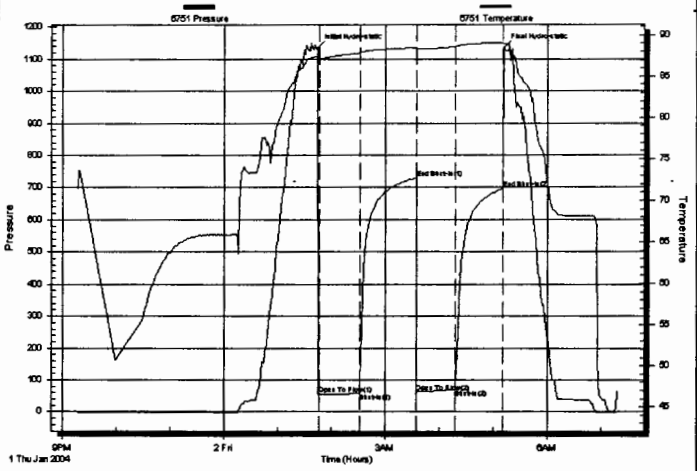
Reference Elevations: 2054.00 ft (KB)
2049.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6751 **Inside**

Press@RunDepth: 70.99 psig @ 2409.00 ft (KB)
Start Date: 2004.01.01 End Date: 2004.01.02
Start Time: 21:17:18 End Time: 07:18:52

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.01.02 @ 01:44:38
Time Off Btm: 2004.01.02 @ 05:12:08

TEST COMMENT: IF- Weak blow building to 2 inches
ISI- No blow
FF- Weak surface blow throughout open
FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1133.95	87.38	Initial Hydro-static
2	54.89	87.17	Open To Flow (1)
47	58.57	87.84	Shut-In(1)
111	729.30	88.46	End Shut-In(1)
111	62.49	88.32	Open To Flow (2)
154	70.99	88.59	Shut-In(2)
207	696.44	89.05	End Shut-In(2)
208	1133.63	88.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud 100% mud	0.27

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18004 **DST#: 2**

Test Start: 2004.01.01 @ 21:17:08

Tool Information

Drill Pipe:	Length:	2208.00 ft	Diameter:	3.80 inches	Volume:	30.97 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	Weight to Pull Loose:	50000.00 lb
					Total Volume:	31.56 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		17.00 ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		2338.00 ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		92.00 ft						
Tool Length:		119.00 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			2312.00		
Shut In Tool	5.00			2317.00		
Hydraulic tool	5.00			2322.00		
Jars	5.00			2327.00		
Safety Joint	2.00			2329.00		
Packer	4.00			2333.00	27.00	Bottom Of Top Packer
Packer	5.00			2338.00		
Stubb	1.00			2339.00		
Perforations	5.00			2344.00		
Change Over Sub	1.00			2345.00		
Blank Spacing	63.00			2408.00		
Change Over Sub	1.00			2409.00		
Recorder	0.00	6751	Inside	2409.00		
Perforations	18.00			2427.00		
Recorder	0.00	13630	Outside	2427.00		
Bullnose	3.00			2430.00	92.00	Bottom Packers & Anchor
Total Tool Length:	**119.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18004 **DST#: 2**

Test Start: 2004.01.01 @ 21:17:08

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:	21000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	0.02 inches				

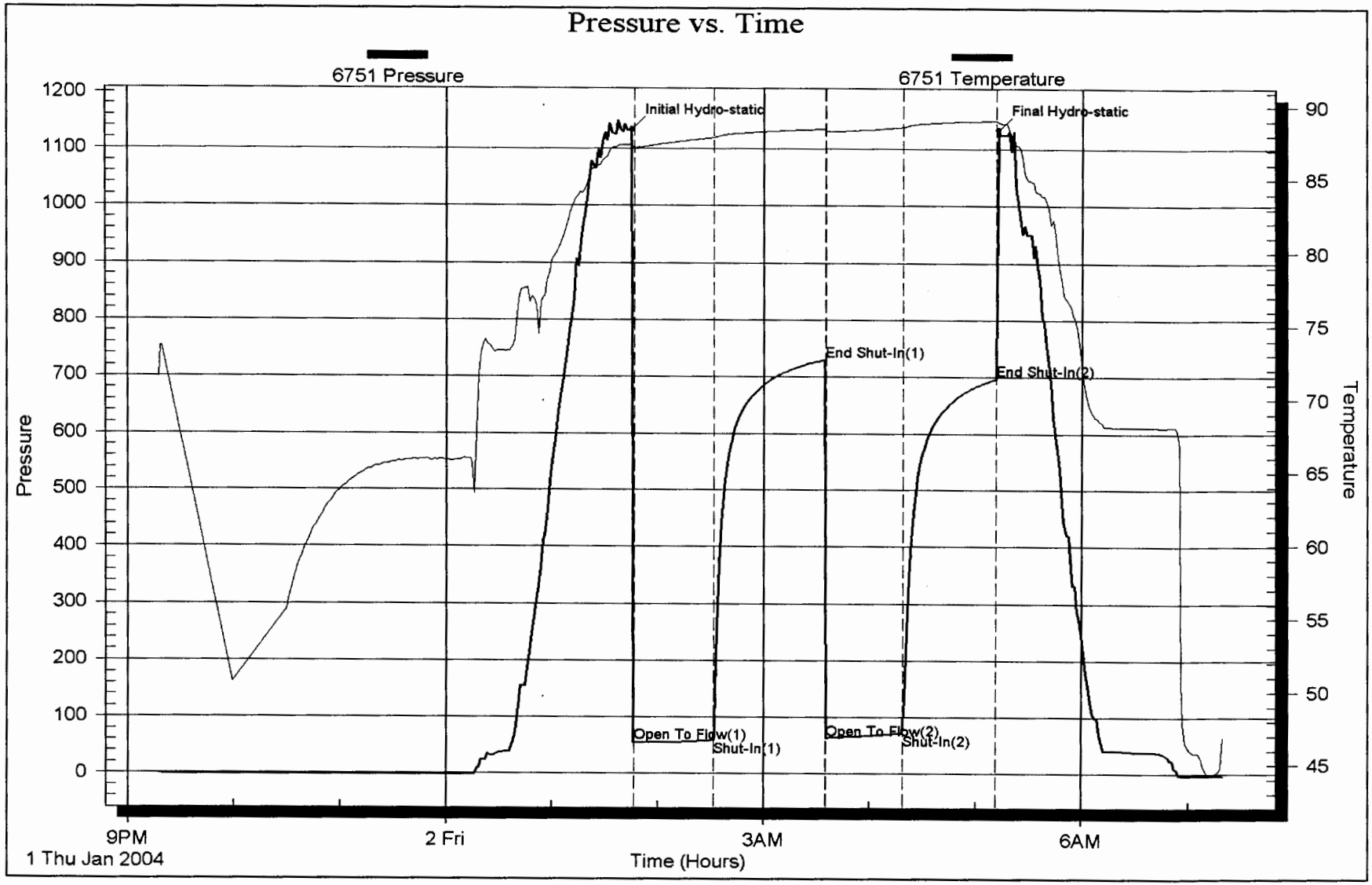
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	Mud 100% mud	0.270

Total Length: 55.00 ft Total Volume: bbl

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


Pressure vs. Time
6751 Pressure
6751 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
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
90
85
80
75
70
65
60
55
50
45
9PM
1 Thu Jan 2004
2 Fri
3AM
6AM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **V.J.I. Natural Resources Inc.**

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

4-23-17 Pawnee

Alexander #1

Start Date: 2004.01.10 @ 01:16:29
End Date: 2004.01.10 @ 07:37:28
Job Ticket #: 18380 DST #: 3

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

DRILL STEM TEST REPORT

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18380 **DST#: 3**

Test Start: 2004.01.10 @ 01:16:29

GENERAL INFORMATION:

Formation: **Cher Sd**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:24:28
Time Test Ended: 07:37:28

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

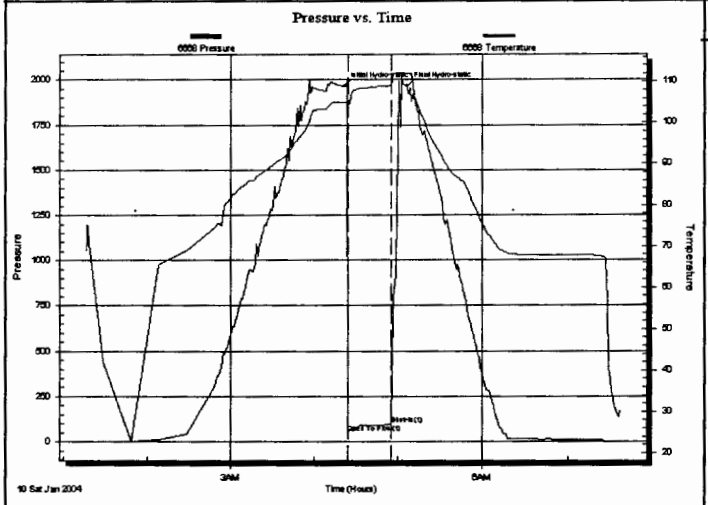
Interval: 4084.00 ft (KB) To 4127.00 ft (KB) (TVD)
Total Depth: 4127.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2054.00 ft (KB)
2049.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: psig @ 4092.01 ft (KB)
Start Date: 2004.01.10 End Date: 2004.01.10
Start Time: 01:16:29 End Time: 07:37:28

Capacity: 7000.00 psig
Last Calib.: 2004.01.10
Time On Btm: 2004.01.10 @ 04:21:28
Time Off Btm: 2004.01.10 @ 05:06:28

TEST COMMENT: IFP-strg bl GTS in 3min
Times 30-out of hole



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.94	105.00	Initial Hydro-static
3	48.18	104.65	Open To Flow (1)
34	96.12	109.06	Shut-In(1)
45	1966.84	111.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	GCM 15%gas 85%mud	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	20.00	232.05
Last Gas Rate	0.50	19.00	225.31
Max. Gas Rate	0.50	20.00	232.05

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18380 **DST#: 3**

Test Start: 2004.01.10 @ 01:16:29

Tool Information

Drill Pipe:	Length:	4078.00 ft	Diameter:	3.80 inches	Volume:	57.20 bbl	Tool Weight:	2500.00 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:	135000.0 lb
					Total Volume:	57.20 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight: Initial	42000.00 lb
Depth to Top Packer:		4084.00 ft					Final	43000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		43.02 ft						
Tool Length:		69.02 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			4059.00		
Shut In Tool	5.00			4064.00		
Hydraulic tool	5.00			4069.00		
Jars	5.00			4074.00		
Packer	5.00			4079.00	26.00	Bottom Of Top Packer
Packer	5.00			4084.00		
Stubb	1.00			4085.00		
Perforations	7.00			4092.00		
Recorder	0.01	6668	Inside	4092.01		
Perforations	32.00			4124.01		
Recorder	0.01	11085	Outside	4124.02		
Bullnose	3.00			4127.02	43.02	Bottom Packers & Anchor
Total Tool Length:	**69.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18380 **DST#: 3**

Test Start: 2004.01.10 @ 01:16:29

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	GCM 15%gas 85%mud	1.122

Total Length: 80.00 ft Total Volume: 1.122 bbl

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

V.J.I. Natural Resources Inc.

30-38 48th Street
Astoria, New York 11103

ATTN: Jerry Green

Alexander #1

4-23-17 Pawnee

Job Ticket: 18380 **DST#: 3**

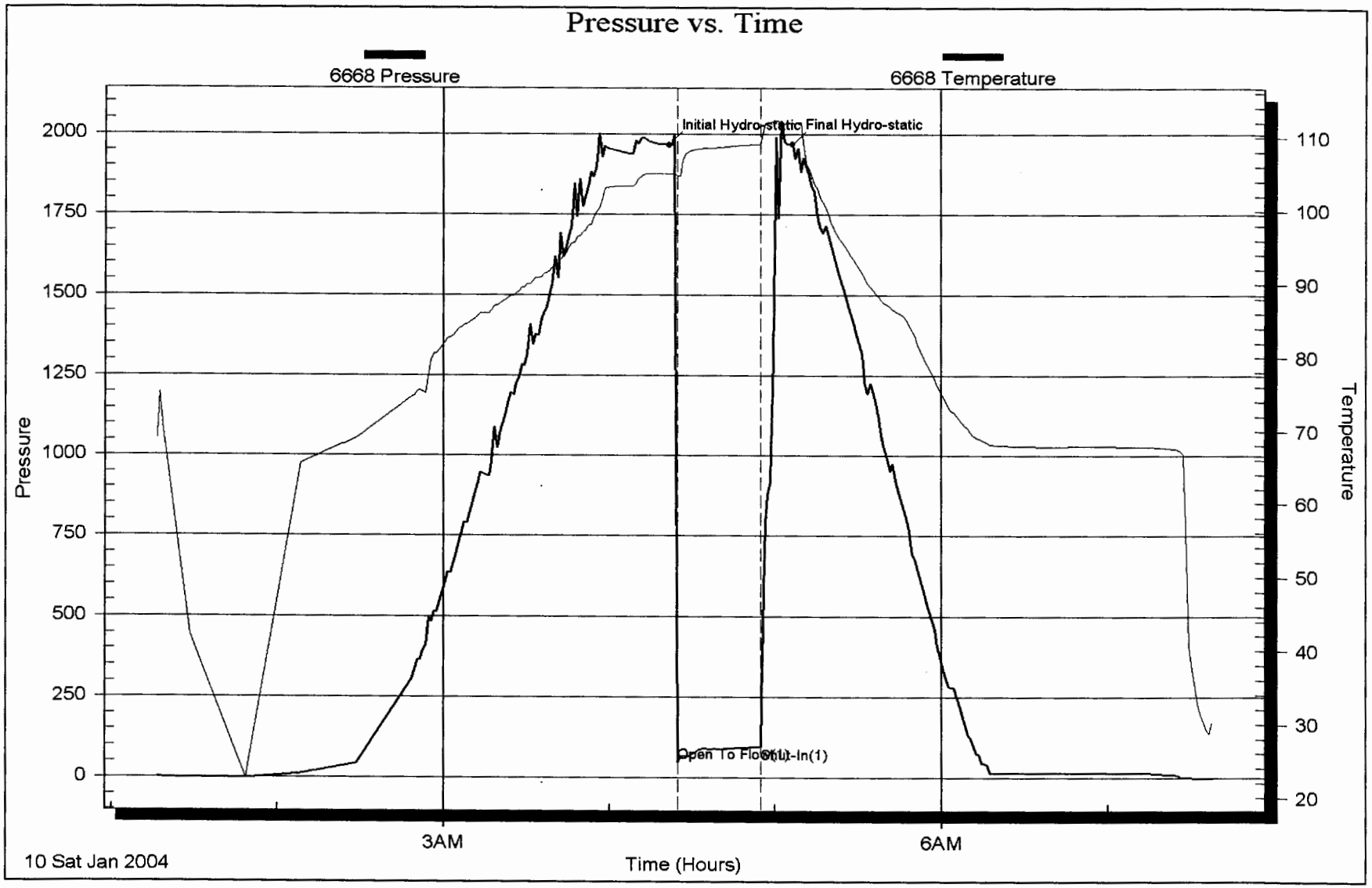
Test Start: 2004.01.10 @ 01:16:29

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
1	5	0.50	20.00	232.05
1	15	0.50	19.00	225.31
1	25	0.50	19.00	225.31
1	30	0.50	19.00	225.31


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
20
Pressure
Temperature
3AM
6AM
10 Sat Jan 2004
Time (Hours)

TRILOBITE TESTING INC.

INV 6127

P.O. Box 362 • Hays, Kansas 67601

Nº 18003

05/03

Test Ticket

Well Name & No. Alexander #1 Test No. 1 Date 1/1/04

Company V.J.I. Natural Resources Inc Zone Tested

Address 30-38 48th Street Astoria, New York 11103 Elevation 2054 KB 2049 GL

Co. Rep / Geo. Jerry Green Cont. Petromark Drlg #1 Est. Ft. of Pay Por. %

Location: Sec. 4 Twp. 23 Rge. 17 Co. Pawnee State Ks

No. of Copies Disbtribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2230 – 2345 Initial Str Wt./Lbs. 40,000 Unseated Str Wt/Lbs. 42,000

Anchor Length 115' Wt. Set Lbs 22,000 Wt. Pulled Loose/Lbs. 48,000

Top Packer Depth 2225 Tool Weight 2400

Bottom Packer Depth 2230 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 2345 Wt. Pipe Run -0- Drill Collar Run 120

Mud Wt. 8.8 LCM -0- Vis. 47 WL 8.8 Drill Pipe Size 4½ Ft. Run 2115

Blow Description IF-Good blow building O.B.B. in 8min 40sec.
ISI-Weak surface blow throughout
FF-Good blow building O.B.B in 1min 10sec
FSI-Weak blow building to 4¼ inches

Recovery - Total Feet 310 GIP -0- Ft. in DC 120 Ft. in DP 190

Rec. 310	Feet of GCM	8 %gas	%oil	%water	92 %mud	
Rec.	Feet of	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	

BHT 87 °F Gravity ~~~ °API D @ °F Corrected Gravity °API

RW .590 @ 64.0 °F Chlorides 12000 ppm Recovery Chlorides 10,000 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1096 PSI	Recorder No.	6751	Test	700
(B) First Initial Flow Pressure		76 PSI	(depth)	2332	Elec. Rec.	150
(C) First Final Flow Pressure		144 PSI	Recorder No.	13630	Jars	200
(D) Initial Shut-In Pressure		697 PSI	(depth)	2342	Safety Jt.	50
(E) Second Initial Flow Pressure		138 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		184 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		699 PSI	**Initial Opening**	45	Straddle	
(Q) Final Hydrostatic Mud		1073 PSI	Initial Shut-In	45	Ext. Packer	
			Final Flow	45	Shale Packer	
			Final Shut-In	45	Mileage	54 91.80
			T-On Location	2:15	Sub Total:	1191.80
			T-Started	3:18	Std. By	
			T-Open	7:44	Other	
			T-Pulled	11:00	Total:	
			T-Out	12:15		

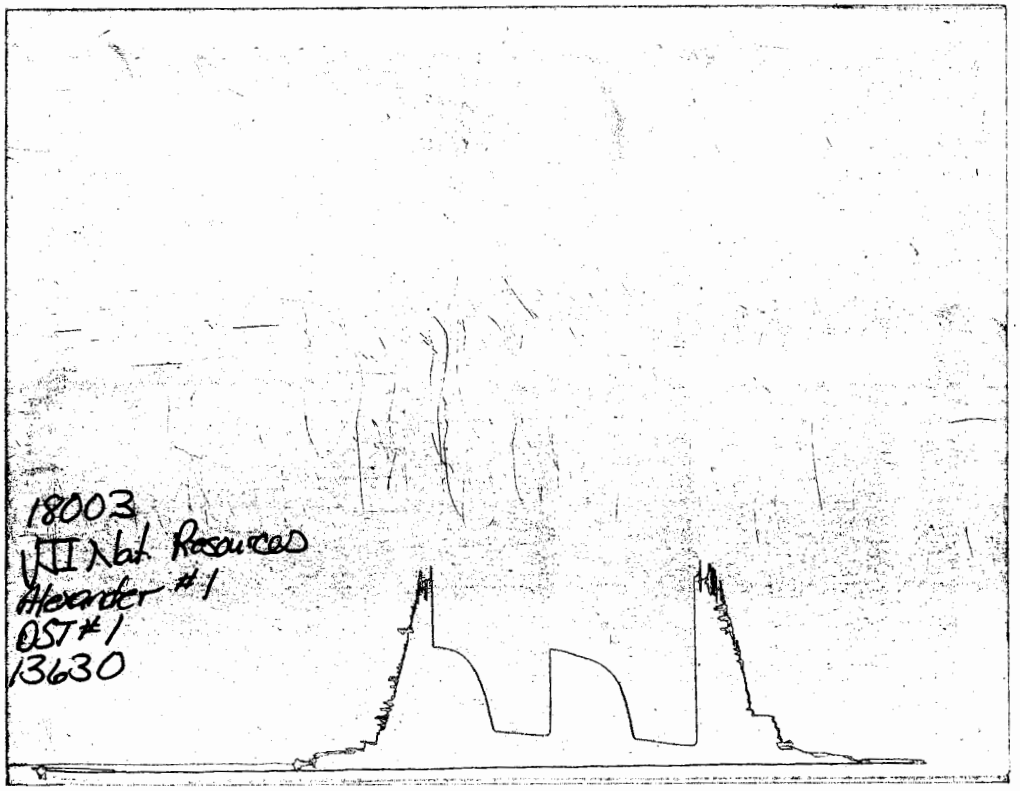
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Approved By

Our Representative

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18004

05/03

Test Ticket

Well Name & No. Alexander #1 Test No. 2 Date 1/1/04

Company VJI Natural Resources Inc Zone Tested

Address 30-38 48th Street Astoria, NY 11103 Elevation 2054 KB 2049 GL

Co. Rep / Geo. Jerry Green Cont. Petromark Drlg #1 Est. Ft. of Pay Por. %

Location: Sec. 4 Twp. 23 Rge. 17 Co. Barnes State Ks

No. of Copies Disbtribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2338 - 2430 Initial Str Wt./Lbs 32,000 Unseated Str Wt/Lbs 32,000

Anchor Length 92' Wt. Set Lbs 22,000 Wt. Pulled Loose/Lbs 50,000

Top Packer Depth 2333 Tool Weight 2400

Bottom Packer Depth 2338 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 2430 Wt. Pipe Run -0- Drill Collar Run 120

Mud Wt. 8.8 LCM -0- Vis. 52 WL 10.4 Drill Pipe Size 4½ Ft. Run 2208

Blow Description IF - Weak blow building to 2 inches
ISI - No Blow
FF - Weak surface blow
FSI - No Blow

Recovery - Total Feet 55 GIP -0- Ft. in DC 55 Ft. in DP -0-

Rec. 55	Feet of Mud	%gas	%oil	%water 100	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 89 °F Gravity °API D @ °F Corrected Gravity °API

RW .536 @ 40.9 °F Chlorides 21,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1134 PSI	Recorder No.	6751	Test	700
(B) First Initial Flow Pressure		55 PSI	(depth)	2409	Elec. Rec.	150
(C) First Final Flow Pressure		59 PSI	Recorder No.	13630	Jars	200
(D) Initial Shut-In Pressure		729 PSI	(depth)	2427	Safety Jt.	50
(E) Second Initial Flow Pressure		62 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		71 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		696 PSI	**Initial Opening**	45	Straddle	
(Q) Final Hydrostatic Mud		1133 PSI	Initial Shut-In	45	Ext. Packer	
			Final Flow	45	Shale Packer	
			Final Shut-In	45	Mileage	54
			T-On Location	21:15	Sub Total:	1191.80
			T-Started	21:17	Std. By	
			T-Open	2:06	Other	
			T-Pulled	5:06	Total:	
			T-Out	7:18		

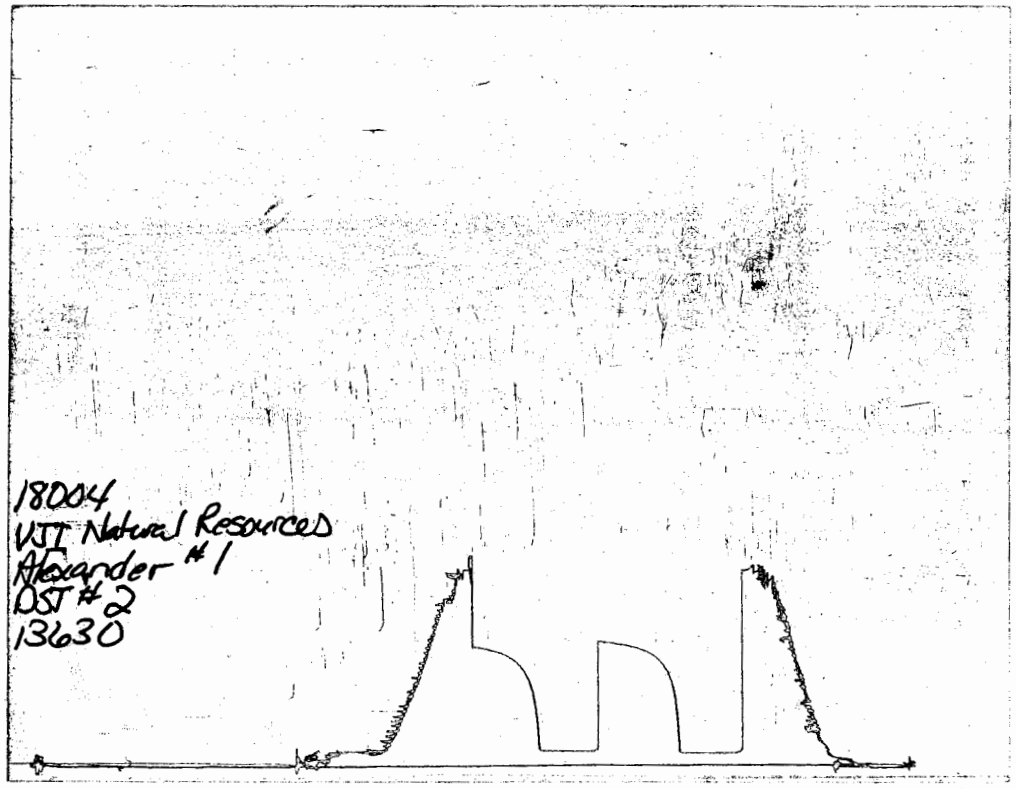
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Approved By

Our Representative

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18380

05/03

Test Ticket

Well Name & No. Alexander #1 Test No. 3 Date 1-10-04

Company VJI Natural Resources, Inc Zone Tested Cher 5d.

Address 30-38 48th ST, Astoria, New York 11103 Elevation 2054 KB 2049 GL

Co. Rep / Geo. Jerry Green Cont. Petromark rig 1 Est. Ft. of Pay — Por. — %

Location: Sec. 4 Twp. 23S Rge. 17W Co. Pawnee State Ks

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4084-4127 Initial Str Wt./Lbs. 42000 Unseated Str Wt/Lbs. 43000

Anchor Length 43 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 135000

Top Packer Depth 4079 Tool Weight 2200

Bottom Packer Depth 4084 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 4127 Wt. Pipe Run — Drill Collar Run —

Mud Wt. 9.2 LCM TR Vis. 53 WL 7.2 Drill Pipe Size 4½ XH Ft. Run 4078

Blow Description IFP- Strong Blow GTS, in 3 min

Recovery - Total Feet 80 GIP - Ft. in DC — Ft. in DP 80

Rec. 80 Feet of GCM 15 %gas %oil %water 85 %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

BHT 113 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 4000 ppm System

	AK-1	Alpine				
(A)Initital Hydrostatic Mud		1965 PSI	Recorder No.	6668	Test ✓	
(B) First Initial Flow Pressure		48 PSI	(depth)	4092	Elec. Rec. ✓	
(C) First Final Flow Pressure		96 PSI	Recorder No.	11085	Jars ✓	
(D) Initial Shut-In Pressure		— PSI	(depth)	4124	Safety Jt ✓	
(E) Second Initial Flow Pressure		— PSI	Recorder No.	—	Circ Sub	
(F) Second Final Flow Pressure		— PSI	(depth)	—	Sampler	
(G) Final Shut-In Pressure		— PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1966 PSI	Initial Shut-In	—	Ext. Packer	
			Final Flow	—	Shale Packer	
			Final Shut-In	—	Mileage ✓ 75	
			T-On Location	2330	Sub Total:	1291.80
			T-Started	0116	Std. By	
			T-Open	0425	Other	
			T-Pulled	0455	Total:	
			T-Out	0740		

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Approved By _____

Our Representative Ray Schwager Thank you

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

VJI NATURAL RES — OPERATOR

ALEXANDER #1 — WELL NAME AND NO.

3 — DST NO.

GTS IN 3 MIN

Min.	Ins. of Water PSIG	Adjustible Choke Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
5	20	1/2	232,052				
15	19	1/2	225,306				
25	19	1/2	225,306				
30	19	1/2	225,306				

Remarks:

CHART PAGE

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