



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

115 S Belmont #12
Wichita, KS 67208

ATTN: Jeff Christian

Fisher 'A' #1-35

35-5S-37W Cheyenne,KS

Start Date: 2014.05.20 @ 22:15:00

End Date: 2014.05.21 @ 05:35:00

Job Ticket #: 56841 DST #: 1

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

Printed: 2014.05.28 @ 09:43:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56841

DST#: 1

ATTN: Jeff Christian

Test Start: 2014.05.20 @ 22:15:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:00

Time Test Ended: 05:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4248.00 ft (KB) To 4288.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4288.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8874

Inside

Press@RunDepth: 20.90 psig @ 4249.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.20

End Date:

2014.05.21

Last Calib.:

2014.05.21

Start Time: 22:16:00

End Time:

05:35:00

Time On Btm:

2014.05.21 @ 00:54:00

Time Off Btm:

2014.05.21 @ 03:28:30

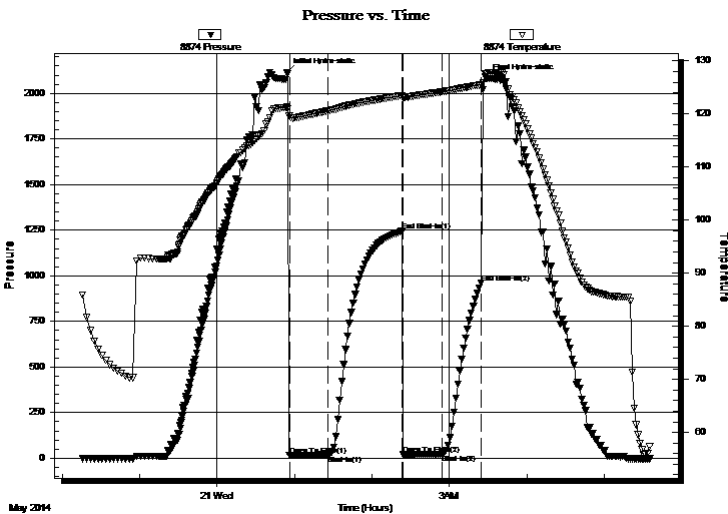
TEST COMMENT: 30 - IF- 1/4" Blow built to 3/4"

60 - IS- No Return

30 - FF- No Blow

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.58	121.31	Initial Hydro-static
2	15.33	119.67	Open To Flow (1)
32	18.03	120.58	Shut-In(1)
90	1243.86	123.48	End Shut-In(1)
90	19.09	123.07	Open To Flow (2)
121	20.90	124.19	Shut-In(2)
151	958.82	125.52	End Shut-In(2)
155	2082.76	127.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 100M (oil spots)	0.02

Gas Rates

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



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DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56841

DST#: 1

ATTN: Jeff Christian

Test Start: 2014.05.20 @ 22:15:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:00

Time Test Ended: 05:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4248.00 ft (KB) To 4288.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4288.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4249.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.20

End Date:

2014.05.21

Last Calib.:

2014.05.21

Start Time: 22:16:00

End Time:

05:34:00

Time On Btm:

Time Off Btm:

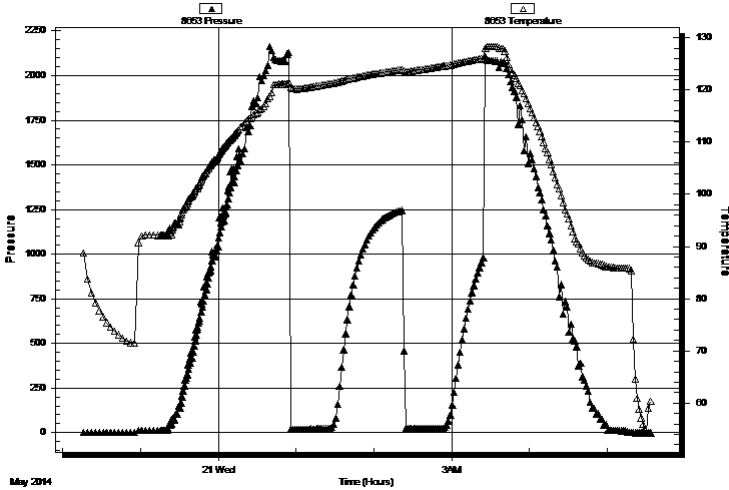
TEST COMMENT: 30 - IF- 1/4" Blow built to 3/4"

60 - IS- No Return

30 - FF- No Blow

30 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 100M (oil spots)	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56841

DST#: 1

ATTN: Jeff Christian

Test Start: 2014.05.20 @ 22:15:00

Tool Information

Drill Pipe:	Length: 4043.00 ft	Diameter: 3.80 inches	Volume: 56.71 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.61 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4248.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			4221.00	
Shut In Tool	5.00			4226.00	
Hydraulic tool	5.00			4231.00	
Jars	5.00			4236.00	
Safety Joint	3.00			4239.00	
Packer	5.00			4244.00	28.00 Bottom Of Top Packer
Packer	4.00			4248.00	
Stubb	1.00			4249.00	
Recorder	0.00	8653	Outside	4249.00	
Recorder	0.00	8874	Inside	4249.00	
Perforations	1.00			4250.00	
Change Over Sub	1.00			4251.00	
Drill Pipe	31.00			4282.00	
Change Over Sub	1.00			4283.00	
Bullnose	5.00			4288.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56841

DST#: 1

ATTN: Jeff Christian

Test Start: 2014.05.20 @ 22:15:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM 100M (oil spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

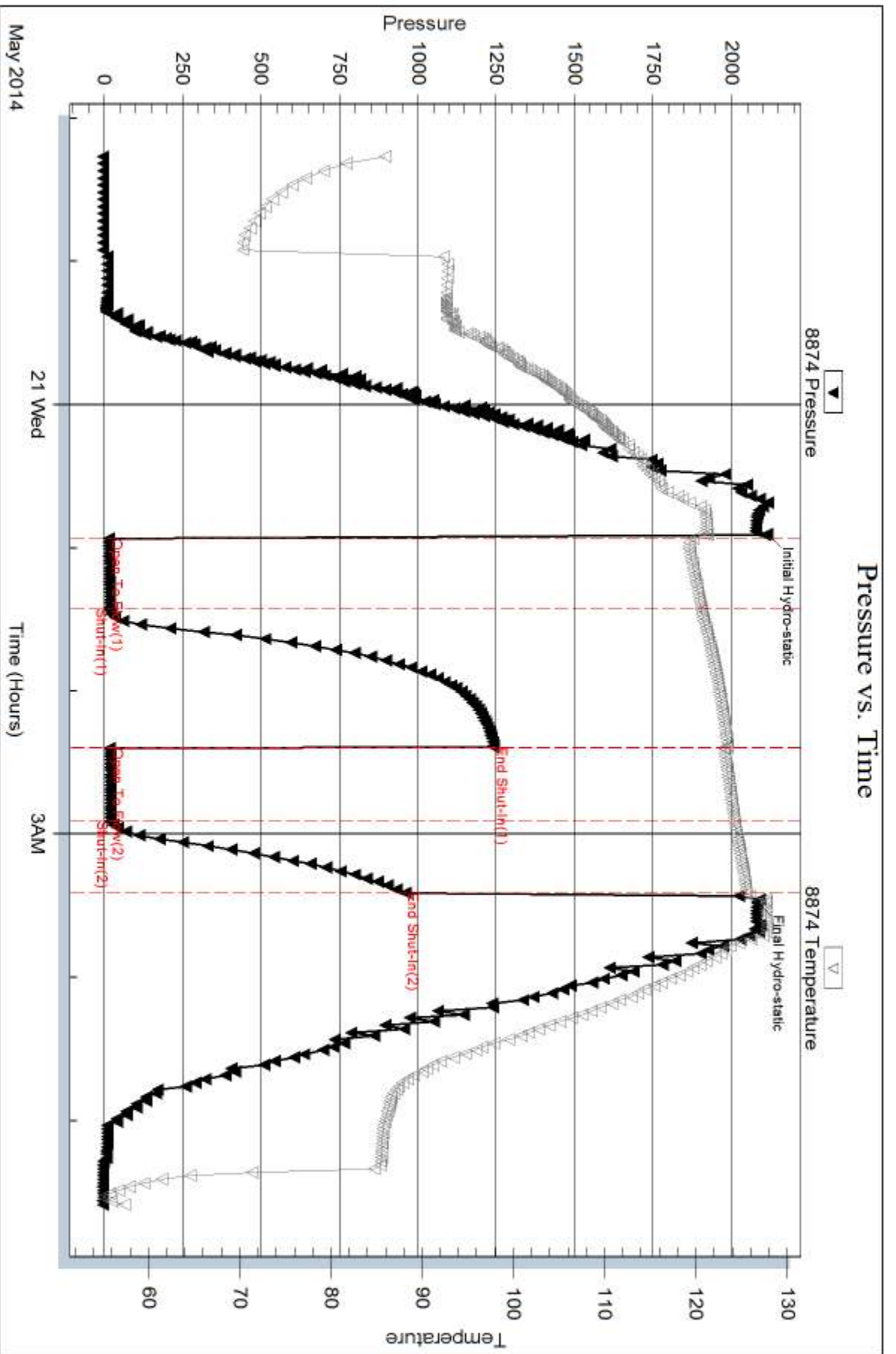
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

115 S Belmont #12
Wichita, KS 67208

ATTN: Jeff Christian

Fisher 'A' #1-35

35-5S-37W Cheyenne,KS

Start Date: 2014.05.21 @ 18:04:00

End Date: 2014.05.22 @ 01:45:00

Job Ticket #: 56842 DST #: 2

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

Printed: 2014.05.28 @ 09:41:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56842

DST#: 2

ATTN: Jeff Christian

Test Start: 2014.05.21 @ 18:04:00

GENERAL INFORMATION:

Formation: **LKC "D-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:09:00

Time Test Ended: 01:45:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4330.00 ft (KB) To 4398.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8874

Inside

Press@RunDepth: 1221.07 psig @ 4331.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.21

End Date:

2014.05.22

Last Calib.:

2014.05.22

Start Time: 18:05:00

End Time:

01:45:00

Time On Btm:

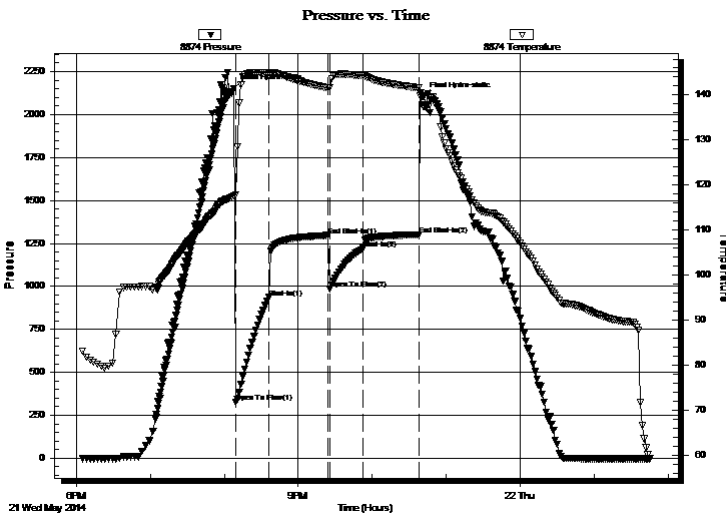
2014.05.21 @ 20:07:30

Time Off Btm:

2014.05.21 @ 22:41:00

TEST COMMENT: 30 - IF- BoB in 1 1/2 Min.
45 - IS- No Return
30 - FF- BoB in 2 1/2 Min.
45 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.33	117.59	Initial Hydro-static
2	326.37	117.76	Open To Flow (1)
29	934.99	144.95	Shut-In(1)
77	1297.35	141.57	End Shut-In(1)
78	985.43	141.69	Open To Flow (2)
105	1221.07	144.26	Shut-In(2)
150	1301.54	141.62	End Shut-In(2)
154	2106.81	137.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (Heavy) 100M	0.02
1564.00	MW 5M 95W	20.32
441.00	MW 10M 90W	6.19
315.00	MW 50M 50W	4.42
345.00	WM 10W 90M	4.84

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

ATTN: Jeff Christian

Job Ticket: 56842

DST#: 2

Test Start: 2014.05.21 @ 18:04:00

GENERAL INFORMATION:

Formation: **LKC "D-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:09:00

Time Test Ended: 01:45:00

Interval: 4330.00 ft (KB) To 4398.00 ft (KB) (TVD)

Total Depth: 4398.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Reference Elevations: 3432.00 ft (KB)

3425.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4331.00 ft (KB)

Start Date: 2014.05.21

End Date:

2014.05.22

Start Time: 18:05:00

End Time:

01:43:30

Capacity: 8000.00 psig

Last Calib.:

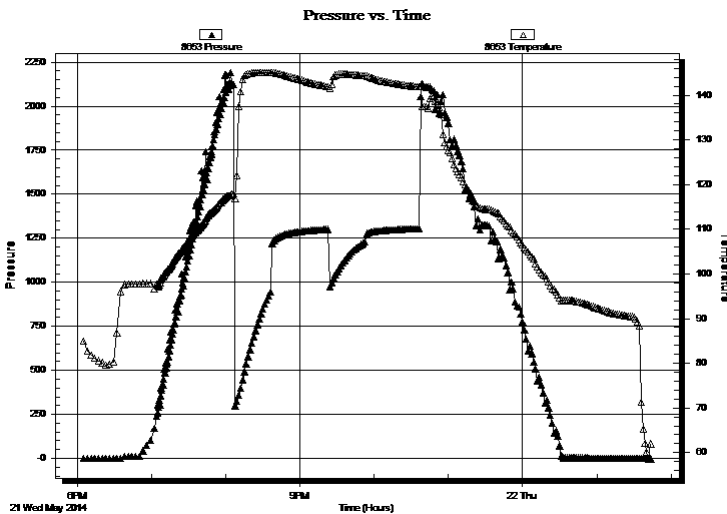
2014.05.22

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF- BoB in 1 1/2 Min.
45 - IS- No Return
30 - FF- BoB in 2 1/2 Min.
45 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (Heavy) 100M	0.02
1564.00	MW 5M 95W	20.32
441.00	MW 10M 90W	6.19
315.00	MW 50M 50W	4.42
345.00	WM 10W 90M	4.84

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56842

DST#: 2

ATTN: Jeff Christian

Test Start: 2014.05.21 @ 18:04:00

Tool Information

Drill Pipe:	Length: 4140.00 ft	Diameter: 3.80 inches	Volume: 58.07 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 58.97 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4330.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	96.00 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			4303.00	
Shut In Tool	5.00			4308.00	
Hydraulic tool	5.00			4313.00	
Jars	5.00			4318.00	
Safety Joint	3.00			4321.00	
Packer	5.00			4326.00	28.00 Bottom Of Top Packer
Packer	4.00			4330.00	
Stubb	1.00			4331.00	
Recorder	0.00	8653	Outside	4331.00	
Recorder	0.00	8874	Inside	4331.00	
Perforations	1.00			4332.00	
Change Over Sub	1.00			4333.00	
Drill Pipe	61.00			4394.00	
Change Over Sub	1.00			4395.00	
Bullnose	3.00			4398.00	68.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56842

DST#: 2

ATTN: Jeff Christian

Test Start: 2014.05.21 @ 18:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 82.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (Heavy) 100M	0.025
1564.00	MW 5M 95W	20.317
441.00	MW 10M 90W	6.186
315.00	MW 50M 50W	4.419
345.00	WM 10W 90M	4.839

Total Length: 2670.00 ft Total Volume: 35.786 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

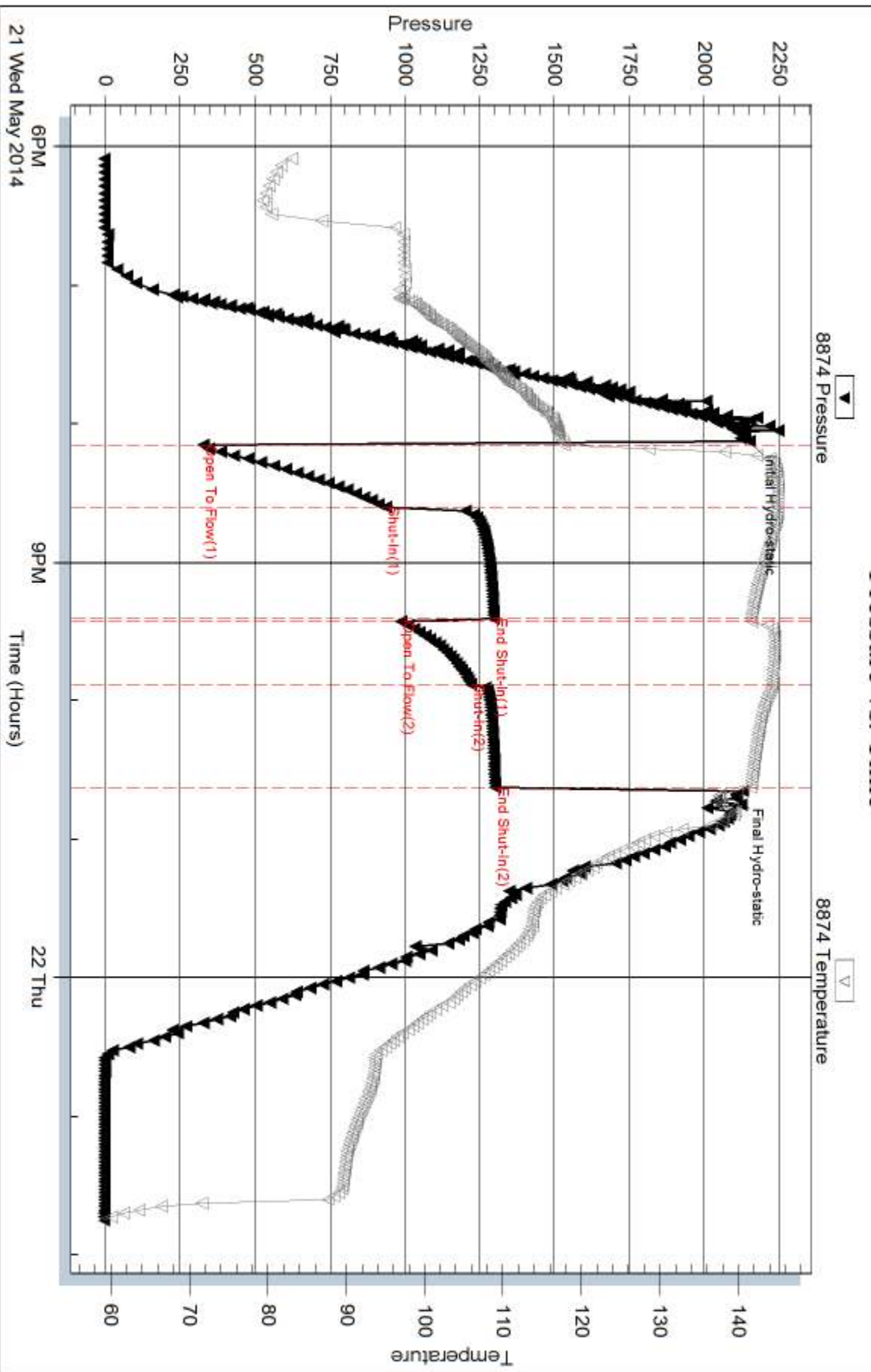
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .189 @ 65 DEG. = 40,000PPM

Pressure vs. Time

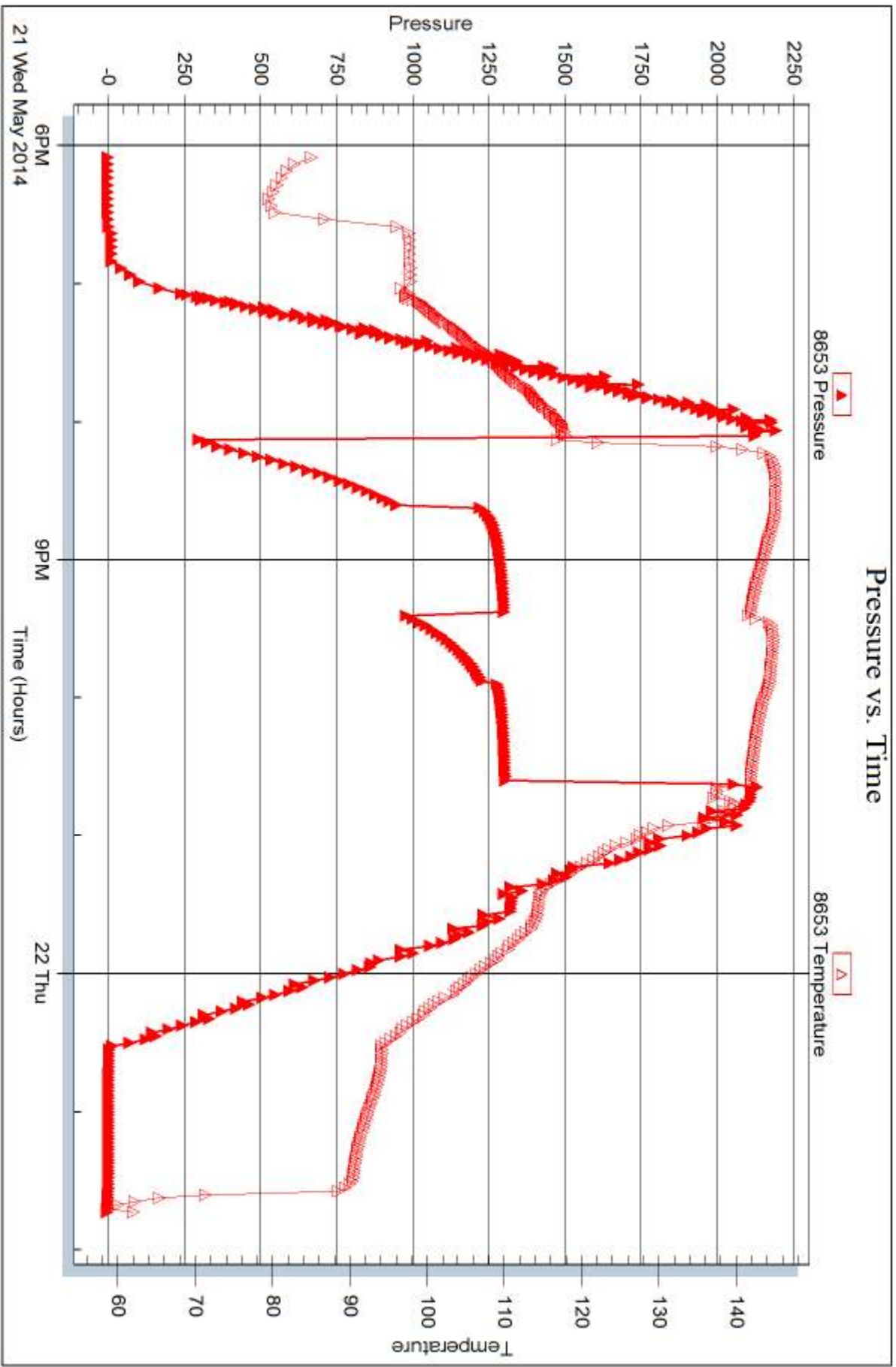


Serial #: 8653

Outside Cobalt Energy, LLC

Fisher 'A' #1-35

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 56842

Printed: 2014.05.28 @ 09:41:18



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

115 S Belmont #12
Wichita, KS 67208

ATTN: Jeff Christian

Fisher 'A' #1-35

35-5S-37W Cheyenne,KS

Start Date: 2014.05.22 @ 14:08:00

End Date: 2014.05.22 @ 21:00:00

Job Ticket #: 56843 DST #: 3

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

Printed: 2014.05.28 @ 09:40:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56843

DST#: 3

ATTN: Jeff Christian

Test Start: 2014.05.22 @ 14:08:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:00

Time Test Ended: 21:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4442.00 ft (KB) To 4496.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4496.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8874

Inside

Press@RunDepth: 27.35 psig @ 4443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22

End Date:

2014.05.22

Last Calib.:

2014.05.22

Start Time: 14:09:00

End Time:

21:00:00

Time On Btm:

2014.05.22 @ 16:42:30

Time Off Btm:

2014.05.22 @ 18:48:00

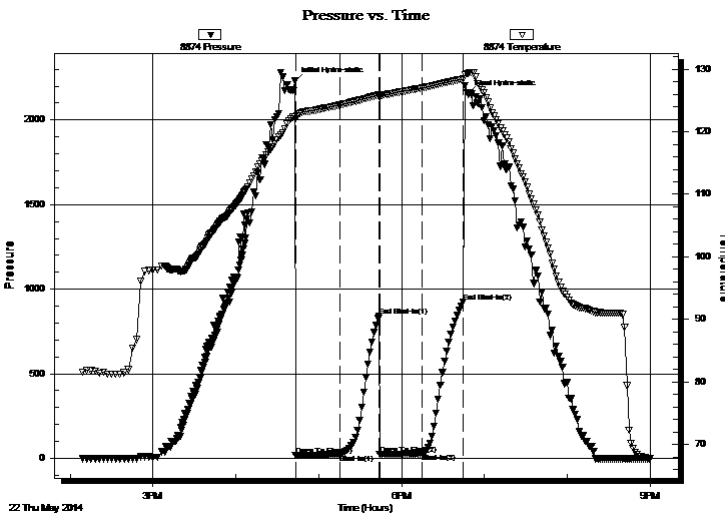
TEST COMMENT: 30 - IF- Surface Blow died in 5 min.

30 - IS- No Return

30 - FF- No Blow

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.82	122.45	Initial Hydro-static
1	15.57	122.06	Open To Flow (1)
33	22.42	124.31	Shut-In(1)
61	843.23	125.87	End Shut-In(1)
62	22.06	125.42	Open To Flow (2)
92	27.35	127.00	Shut-In(2)
122	922.85	128.42	End Shut-In(2)
126	2152.99	129.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56843

DST#: 3

ATTN: Jeff Christian

Test Start: 2014.05.22 @ 14:08:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:00

Time Test Ended: 21:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4442.00 ft (KB) To 4496.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4496.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22

End Date:

2014.05.22

Last Calib.:

2014.05.22

Start Time: 14:09:00

End Time:

20:58:30

Time On Btm:

Time Off Btm:

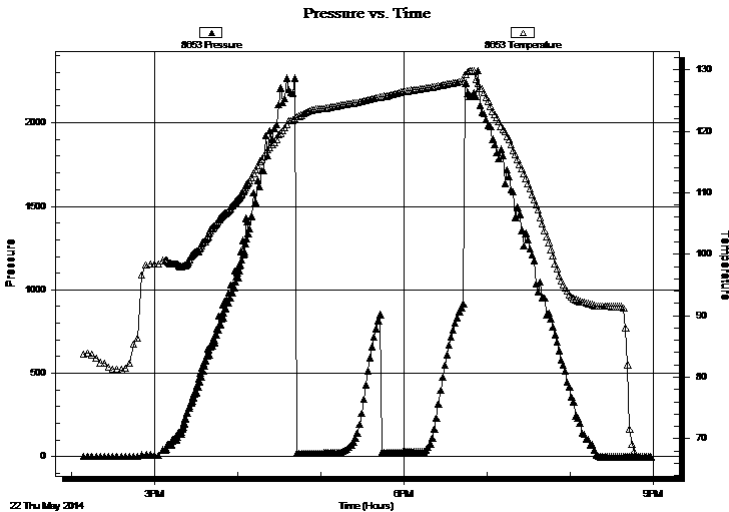
TEST COMMENT: 30 - IF- Surface Blow died in 5 min.

30 - IS- No Return

30 - FF- No Blow

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56843

DST#: 3

ATTN: Jeff Christian

Test Start: 2014.05.22 @ 14:08:00

Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.80 inches	Volume: 59.78 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 60.68 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4442.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	82.00 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			4415.00	
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Jars	5.00			4430.00	
Safety Joint	3.00			4433.00	
Packer	5.00			4438.00	28.00 Bottom Of Top Packer
Packer	4.00			4442.00	
Stubb	1.00			4443.00	
Recorder	0.00	8653	Outside	4443.00	
Recorder	0.00	8874	Inside	4443.00	
Perforations	15.00			4458.00	
Change Over Sub	1.00			4459.00	
Drill Pipe	31.00			4490.00	
Change Over Sub	1.00			4491.00	
Bullnose	5.00			4496.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56843

DST#: 3

ATTN: Jeff Christian

Test Start: 2014.05.22 @ 14:08:00

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

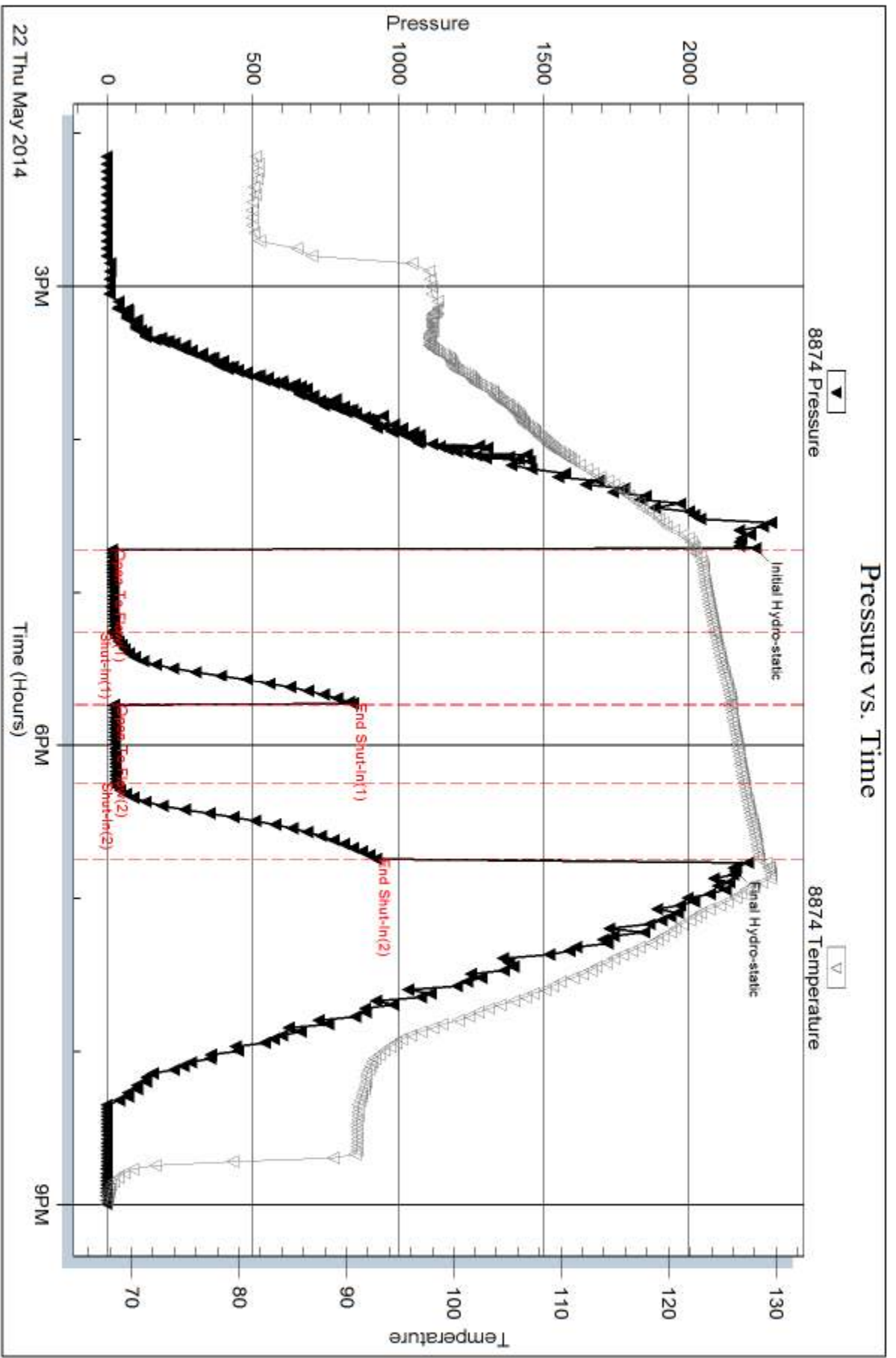
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

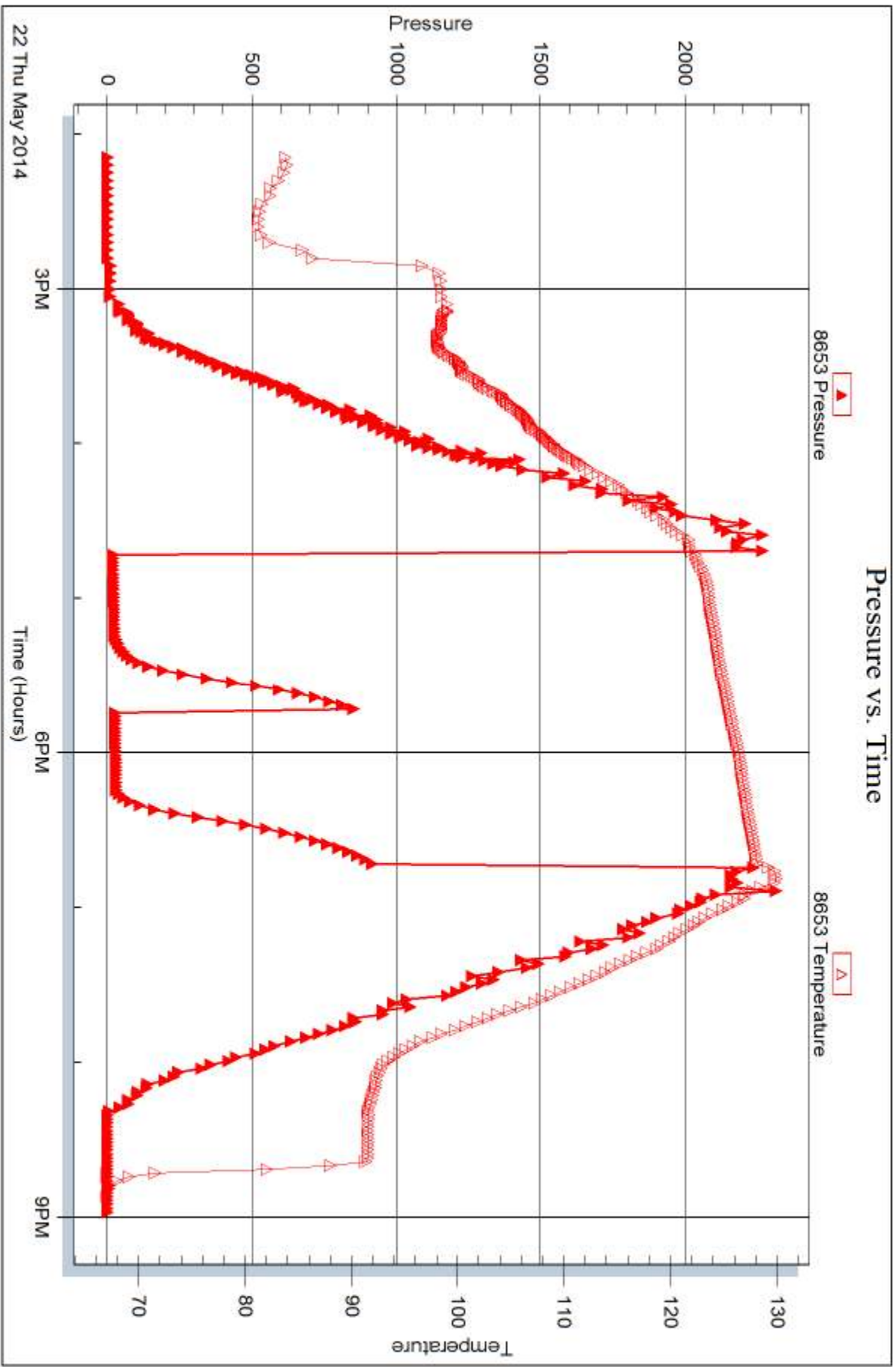


Serial #: 8653

Outside Cobalt Energy, LLC

Fisher 'A' #1-35

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56843

Printed: 2014.05.28 @ 09:40:23



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

115 S Belmont #12
Wichita, KS 67208

ATTN: Jeff Christian

Fisher 'A' #1-35

35-5S-37W Cheyenne,KS

Start Date: 2014.05.23 @ 16:51:00

End Date: 2014.05.23 @ 23:27:00

Job Ticket #: 56844 DST #: 4

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

Printed: 2014.05.28 @ 09:39:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56844

DST#: 4

ATTN: Jeff Christian

Test Start: 2014.05.23 @ 16:51:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:00

Time Test Ended: 23:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4653.00 ft (KB) To 4692.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4692.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8874 Inside

Press@RunDepth: 19.30 psig @ 4654.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.23

End Date:

2014.05.23

Last Calib.:

2014.05.23

Start Time: 16:52:00

End Time:

23:27:00

Time On Btm:

2014.05.23 @ 19:15:30

Time Off Btm:

2014.05.23 @ 21:19:00

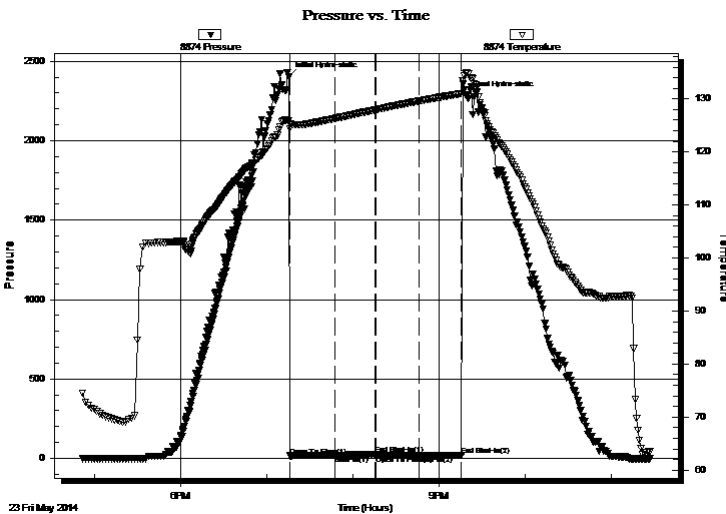
TEST COMMENT: 30 - IF- 1/8" Blow built to 1/2" then died back to 1/8"

30 - IS- No Return

30 - FF- No Blow

30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2401.12	125.91	Initial Hydro-static
1	15.36	124.45	Open To Flow (1)
32	18.28	126.29	Shut-In(1)
60	23.11	127.94	End Shut-In(1)
61	18.37	127.96	Open To Flow (2)
91	19.30	129.58	Shut-In(2)
120	20.51	131.00	End Shut-In(2)
124	2284.81	134.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56844

DST#: 4

ATTN: Jeff Christian

Test Start: 2014.05.23 @ 16:51:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:00

Time Test Ended: 23:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4653.00 ft (KB) To 4692.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4692.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8653

Outside

Press@RunDepth: psig @ 4654.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.23

End Date:

2014.05.23

Last Calib.:

2014.05.23

Start Time: 16:52:00

End Time:

23:25:30

Time On Btm:

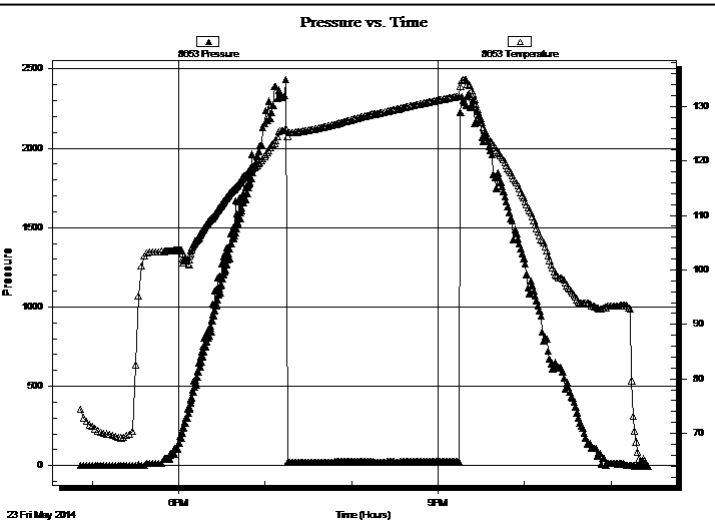
Time Off Btm:

TEST COMMENT: 30 - IF- 1/8" Blow built to 1/2" then died back to 1/8"

30 - ISI- No Return

30 - FF- No Blow

30 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56844

DST#: 4

ATTN: Jeff Christian

Test Start: 2014.05.23 @ 16:51:00

Tool Information

Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	74000.00 lb
			<u>Total Volume: 63.32 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4653.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	67.00 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			4626.00	
Shut In Tool	5.00			4631.00	
Hydraulic tool	5.00			4636.00	
Jars	5.00			4641.00	
Safety Joint	3.00			4644.00	
Packer	5.00			4649.00	28.00 Bottom Of Top Packer
Packer	4.00			4653.00	
Stubb	1.00			4654.00	
Recorder	0.00	8653	Outside	4654.00	
Recorder	0.00	8874	Inside	4654.00	
Perforations	1.00			4655.00	
Change Over Sub	1.00			4656.00	
Drill Pipe	30.00			4686.00	
Change Over Sub	1.00			4687.00	
Bullnose	5.00			4692.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56844

DST#: 4

ATTN: Jeff Christian

Test Start: 2014.05.23 @ 16:51:00

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: 71.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

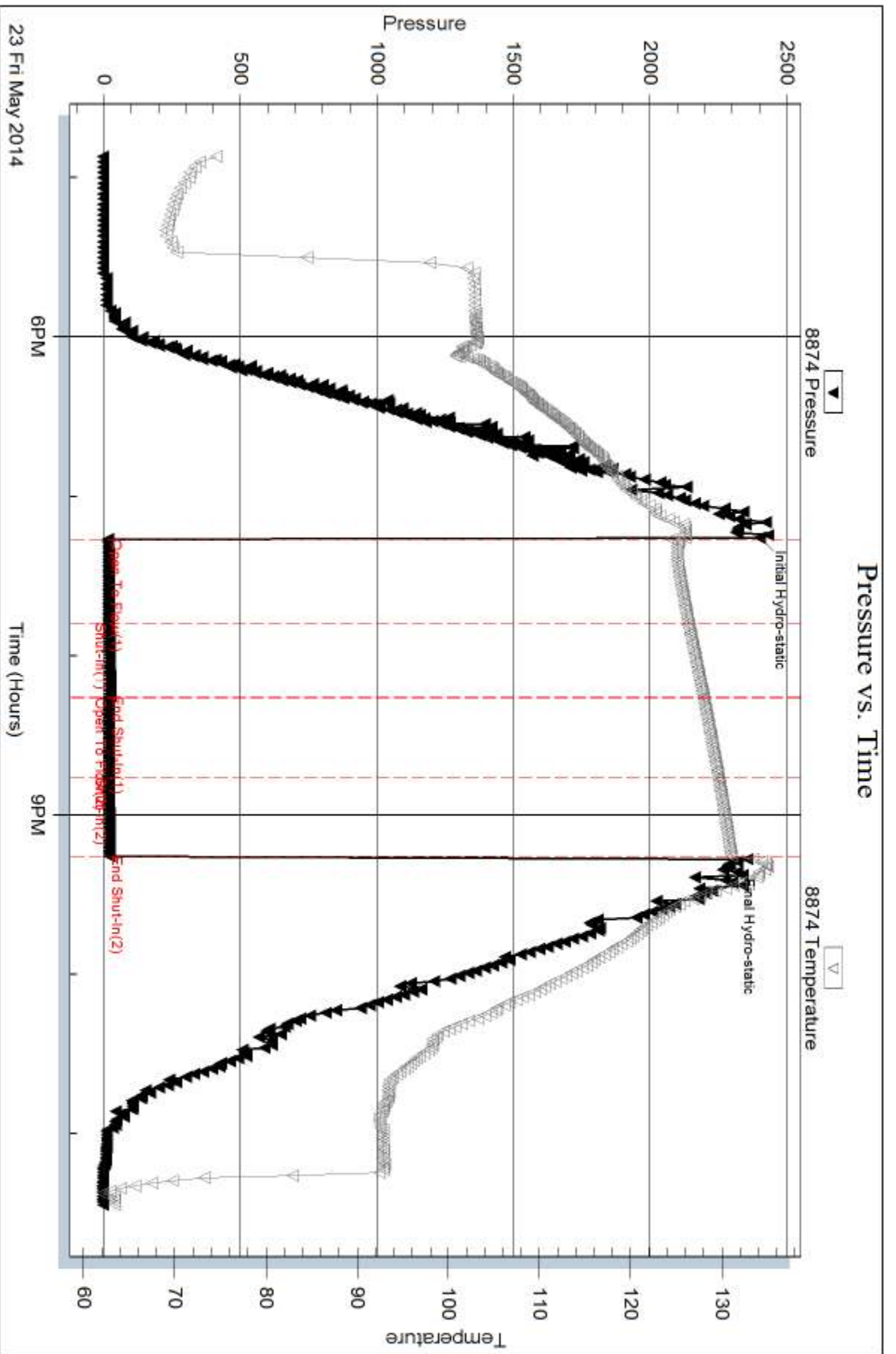
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

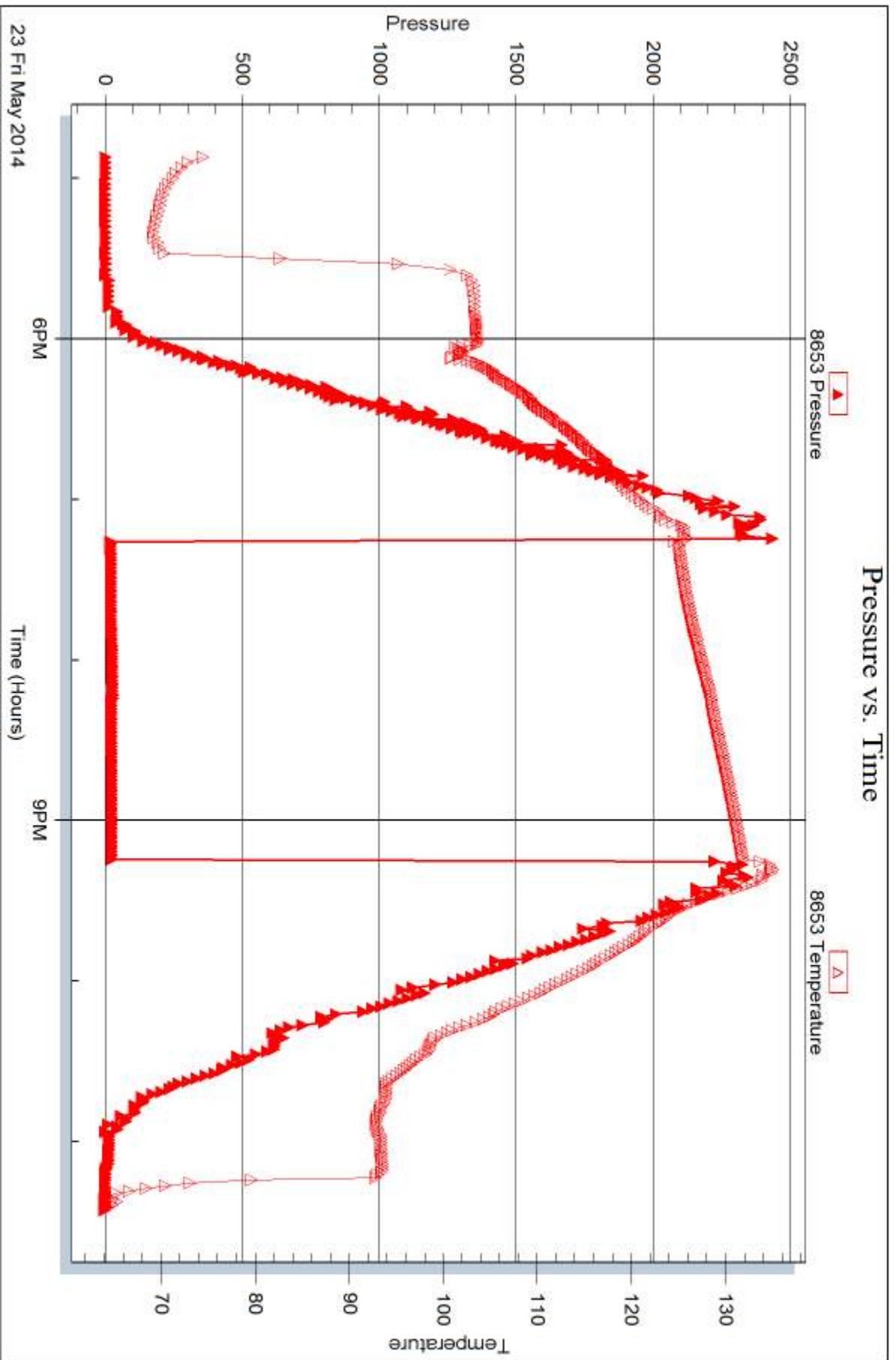


Serial #: 8653

Outside Cobalt Energy, LLC

Fisher 'A' #1-35

DST Test Number: 4



Tribble Testing, Inc

Ref. No: 56844

Printed: 2014.05.28 @ 09:39:52



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy, LLC.**

115 S Belmont #12
Wichita, KS 67208

ATTN: Jeff Christian

Fisher 'A' #1-35

35-5S-37W Cheyenne,KS

Start Date: 2014.05.24 @ 13:40:00

End Date: 2014.05.25 @ 00:35:00

Job Ticket #: 56845 DST #: 5

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

Printed: 2014.05.28 @ 09:38:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne, KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56845

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.05.24 @ 13:40:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:09:00

Time Test Ended: 00:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4773.00 ft (KB) To 4824.00 ft (KB) (TVD)

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4824.00 ft (KB) (TVD)

3425.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8874 Inside

Press@RunDepth: 615.50 psig @ 4774.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.24

End Date:

2014.05.25

Last Calib.:

2014.05.25

Start Time:

13:41:00

End Time:

00:35:00

Time On Btm:

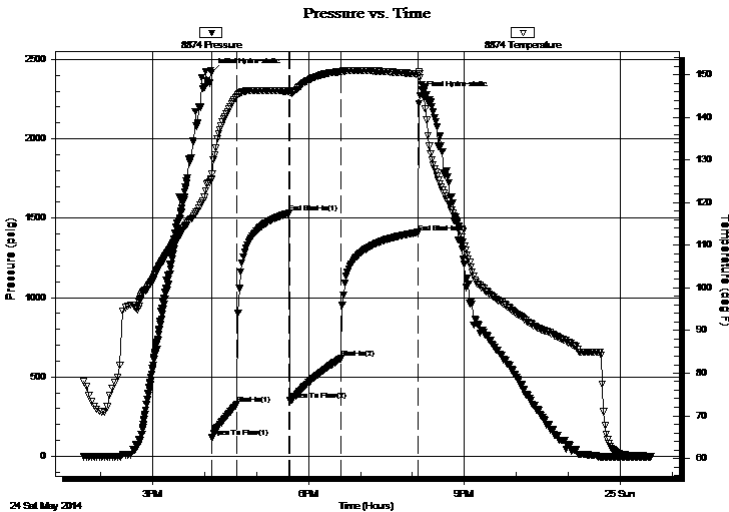
2014.05.24 @ 16:08:00

Time Off Btm:

2014.05.24 @ 20:08:30

TEST COMMENT: 30 - IF- BoB 3 1/2 Min.
60 - IS- Surface Return built to 4 1/2"
60 - FF- BoB in 9 min. Then died back to 4 1/2"
90 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.68	125.45	Initial Hydro-static
1	117.18	126.80	Open To Flow (1)
30	326.68	144.85	Shut-In(1)
90	1531.30	146.11	End Shut-In(1)
91	351.21	145.76	Open To Flow (2)
150	615.50	150.69	Shut-In(2)
238	1410.07	150.16	End Shut-In(2)
241	2272.88	150.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	GMCO 20G 70o 10M	0.90
1302.00	Clean Gassy Oil 30G 70o	18.26
0.00	558' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56845

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.05.24 @ 13:40:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:09:00

Time Test Ended: 00:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4773.00 ft (KB) To 4824.00 ft (KB) (TVD)

Total Depth: 4824.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3432.00 ft (KB)

3425.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8653 Outside

Press@RunDepth: psig @ 4774.00 ft (KB)

Start Date: 2014.05.24

Start Time: 13:41:00

End Date:

End Time:

2014.05.25

00:32:30

Capacity: 8000.00 psig

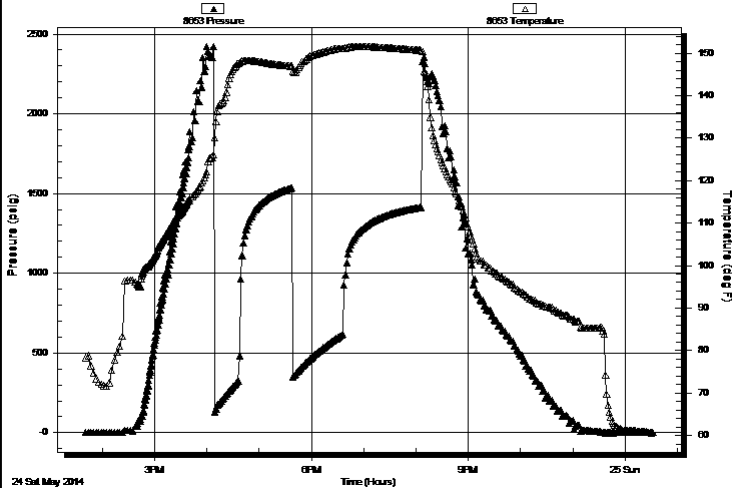
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF- BoB 3 1/2 Min.
60 - IS- Surface Return built to 4 1/2"
60 - FF- BoB in 9 min. Then died back to 4 1/2"
90 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
183.00	GMCO 20G 70o 10M	0.90
1302.00	Clean Gassy Oil 30G 70o	18.26
0.00	558' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56845

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.05.24 @ 13:40:00

Tool Information

Drill Pipe:	Length: 4575.00 ft	Diameter: 3.80 inches	Volume: 64.18 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 65.08 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4773.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	79.00 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			4746.00	
Shut In Tool	5.00			4751.00	
Hydraulic tool	5.00			4756.00	
Jars	5.00			4761.00	
Safety Joint	3.00			4764.00	
Packer	5.00			4769.00	28.00 Bottom Of Top Packer
Packer	4.00			4773.00	
Stubb	1.00			4774.00	
Recorder	0.00	8653	Outside	4774.00	
Recorder	0.00	8874	Inside	4774.00	
Perforations	11.00			4785.00	
Change Over Sub	1.00			4786.00	
Drill Pipe	32.00			4818.00	
Change Over Sub	1.00			4819.00	
Bullnose	5.00			4824.00	51.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy, LLC.

35-5S-37W Cheyenne,KS

115 S Belmont #12
Wichita, KS 67208

Fisher 'A' #1-35

Job Ticket: 56845

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.05.24 @ 13:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	GMCO 20G 70o 10M	0.900
1302.00	Clean Gassy Oil 30G 70o	18.264
0.00	558' GIP	0.000

Total Length: 1485.00 ft Total Volume: 19.164 bbl

Num Fluid Samples: 0

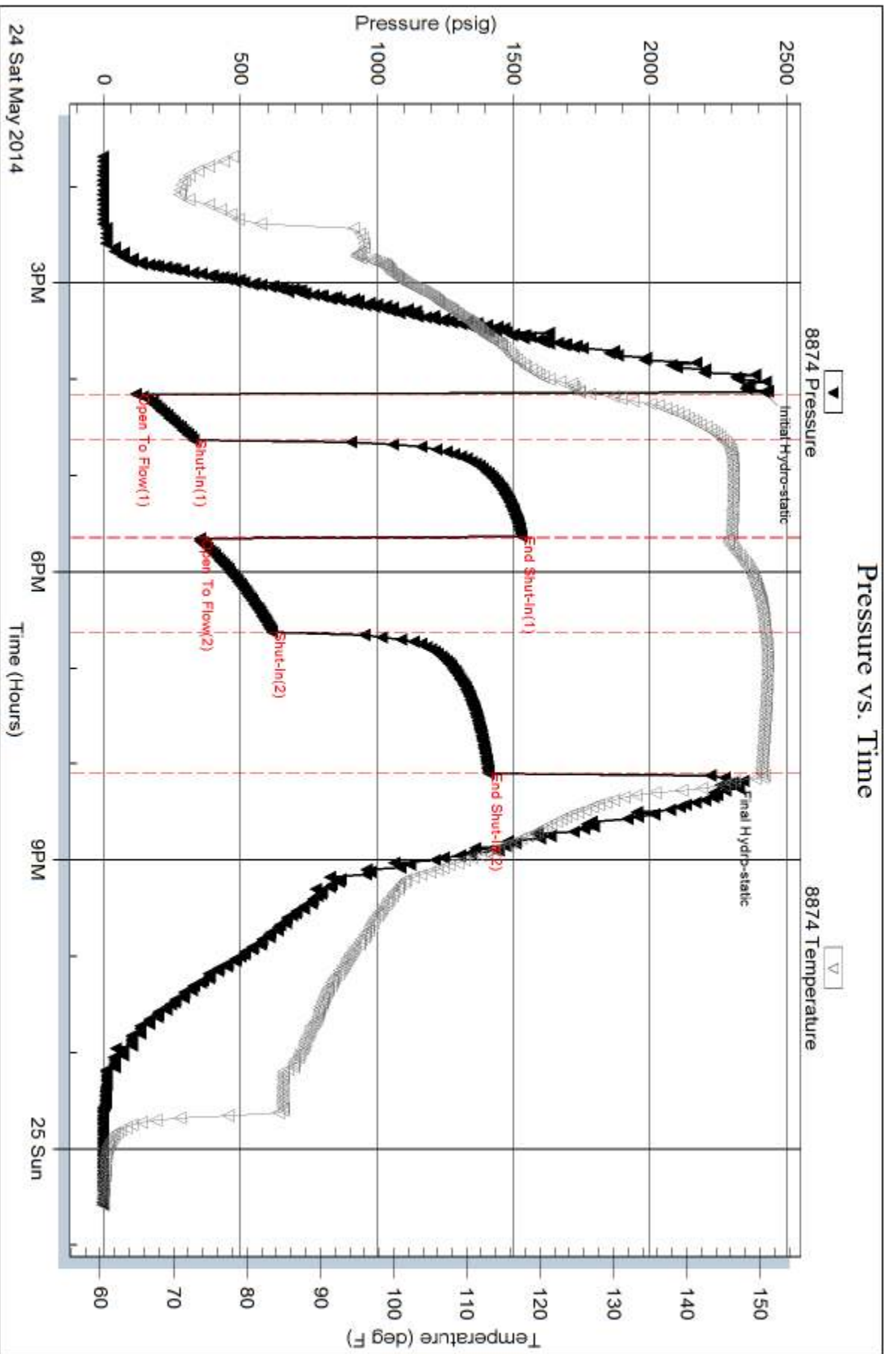
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 22 @ 70 deg = 21

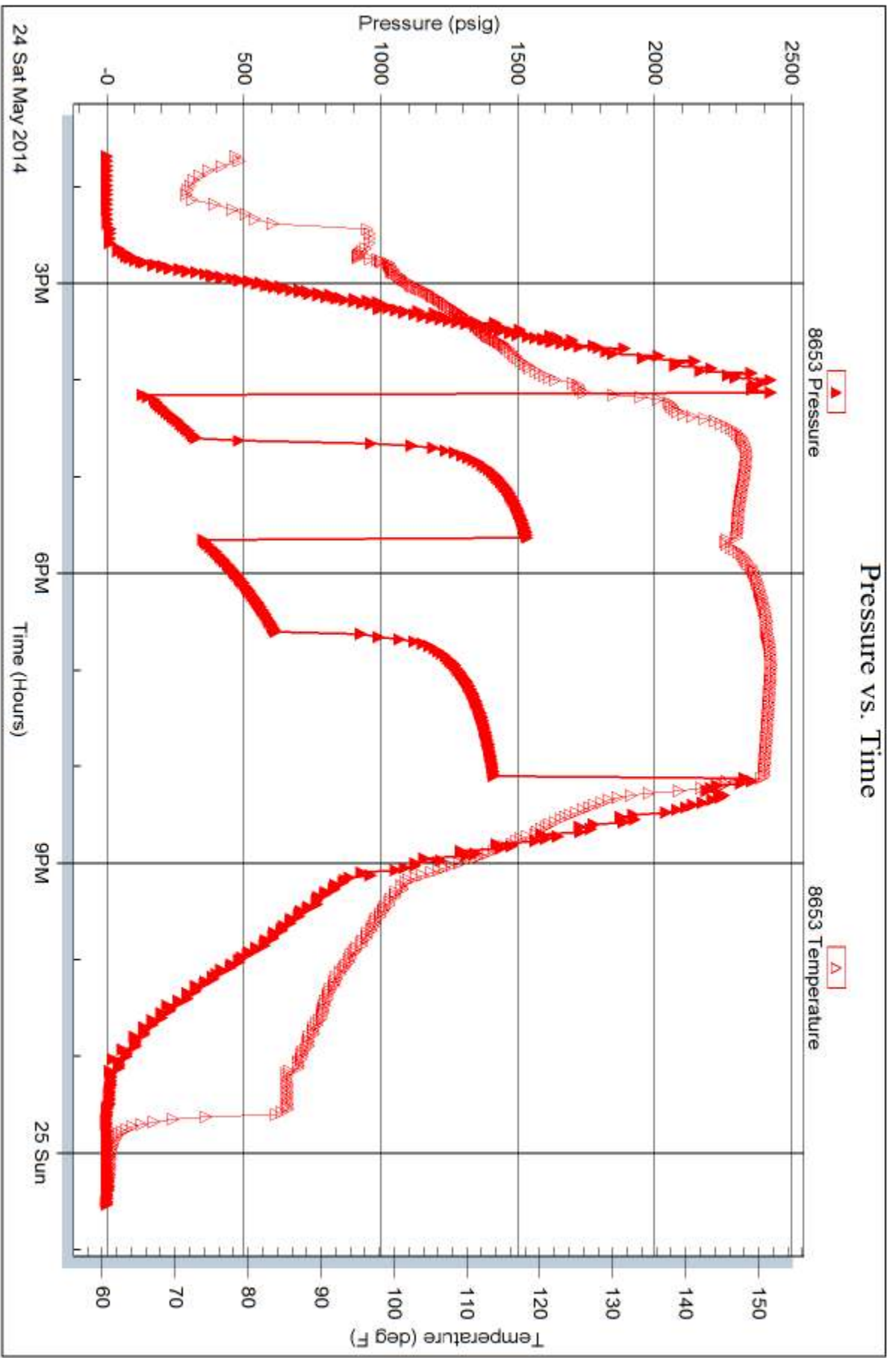


Serial #: 8653

Outside Cobalt Energy, LLC

Fisher 'A' #1-35

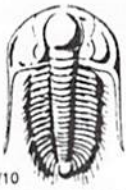
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 56845

Printed: 2014.05.28 @ 09:38:57



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56841

Well Name & No. Fisher 'A' #1-35 Test No. 1 Date 5-20-14
 Company Cobalt Energy, LLC Elevation 3432 KB 3425 GL
 Address 115 S Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Jeff Christian Rig Murfin #8
 Location: Sec. 35 Twp. 5S Rge. 37W Co. Cheyenne State KS

Interval Tested 4248-4288 Zone Tested Toronto
 Anchor Length 40' Drill Pipe Run 4043 Mud Wt. 8.8
 Top Packer Depth 4244 Drill Collars Run 183' Vis 56
 Bottom Packer Depth 4248 Wt. Pipe Run Ø WL 64
 Total Depth 4288 Chlorides 500 ppm System LCM 2#
 Blow Description IF-1/4" Blow built to 3/4"
FSI-NO Return
FF-NO Blow
FSI-NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>CSM</u>	<u>SPOTS</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 126 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2113</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>9:30 PM</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:15 PM</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:55 AM</u>
(D) Initial Shut-In <u>1243</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>3:25 AM</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>5:35 AM</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>128 RT</u> 198.40	Comments
(G) Final Shut-In <u>958</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2082</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 30

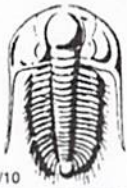
Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1773.40

Total 1773.40
 MP/DST Disc't

Approved By _____ Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56842

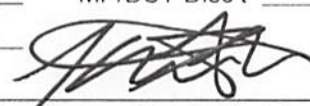
Well Name & No. Fisher 'A' #1-35 Test No. 2 Date 5-21-14
 Company Cobalt Energy, LLC. Elevation 3432 KB 3425 GL
 Address 115 S Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Jeff Christian Rig Murfin #8
 Location: Sec. 35 Twp. 5S Rge. 37W Co. Cheyenne State KS

Interval Tested 4330-4398 Zone Tested LKC "D-G"
 Anchor Length 68' Drill Pipe Run 4140' Mud Wt. 8.5
 Top Packer Depth 4326 Drill Collars Run 183' Vis 82
 Bottom Packer Depth 4330 Wt. Pipe Run 0 WL 6.8
 Total Depth 4398 Chlorides 500 ppm System LCM 2#
 Blow Description IF-BoB in 1 1/2 min.
IST-NO Return
FF-BoB in 2 1/2 min.
FSI-NO Return

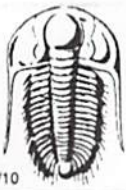
Rec	Feet of	%gas	%oil	%water	%mud
345	WM WM		100	90	
315	MW		50	50	
441	MW		90	10	
1564	MW		95	5	
5'	Mud (heavy)			100	

Rec Total 2670' BHT 142 Gravity - API RW .189 @ 65 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>2151</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>6:00 PM</u>
(B) First Initial Flow <u>326</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>6:04 PM</u>
(C) First Final Flow <u>934</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>8:08 PM</u>
(D) Initial Shut-In <u>1297</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:38 PM</u>
(E) Second Initial Flow <u>985</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1:45 AM</u>
(F) Second Final Flow <u>1221</u>	<input checked="" type="checkbox"/> Mileage <u>128 RT</u> 196.40	Comments
(G) Final Shut-In <u>1301</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2106</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1773.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1773.40</u>	

Approved By _____ Our Representative 

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56843

Well Name & No. Fisher 'A' #1-35 Test No. 3 Date 5-22-14
 Company Cobalt Energy, LLC Elevation 3432 KB 3425 GL
 Address 115 S Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Jeff Christian Rig Murfin #8
 Location: Sec. 35 Twp. 5S Rge. 37W Co. Cheyenne State KS

Interval Tested 4442-4496 Zone Tested LKC "J"
 Anchor Length 54' Drill Pipe Run 4262' Mud Wt. 9.2
 Top Packer Depth 4438 Drill Collars Run 183' Vis 70
 Bottom Packer Depth 4442 Wt. Pipe Run 0 WL 6.4
 Total Depth 4496 Chlorides 700 ppm System LCM 5#
 Blow Description IF - Surface Blow direct in 5 min.
ISI - NO Return
FF - NO Blow
FST - NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
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

Rec Total 5 BHT 128 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2229</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1:45 PM</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2:08 PM</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>4:45 PM</u>
(D) Initial Shut-In <u>843</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>6:45 PM</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>9:00 PM</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>128 RT</u> 196.40	Comments
(G) Final Shut-In <u>922</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2152</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>300</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>300</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>300</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>300</u>	<input type="checkbox"/> Day Standby	Total <u>1773.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1773.40</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56844

Well Name & No. Fisher 'A' #1-35 Test No. 4 Date 5-23-14
 Company Cobalt Energy, LLC Elevation 3432 KB 3425 GL
 Address 115 S Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Jeff Christian Rig Murfin #8
 Location: Sec. 35 Twp. 5S Rge. 37W Co. Cheyenne State KS

Interval Tested 4653-4692 Zone Tested Pawnee
 Anchor Length 39' Drill Pipe Run 445.0' Mud Wt. 9.3
 Top Packer Depth 4649 Drill Collars Run 183' Vis 21
 Bottom Packer Depth 4653 Wt. Pipe Run 0 WL 6.4
 Total Depth 4692 Chlorides 800 ppm System LCM 4#
 Blow Description IF - 1/8" Blow built to 1/2" then died back to 1/8"
IST - No Return
FF - No Blow
FSL - No Return

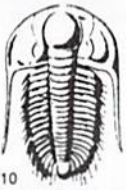
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>1000</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 131 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2401</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>4:40 PM</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>4:51 PM</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>7:17 PM</u>
(D) Initial Shut-In <u>23</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>9:17 PM</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:30 PM</u>
(F) Second Final Flow <u>19</u>	<input checked="" type="checkbox"/> Mileage <u>128RT</u> 198.40	Comments
(G) Final Shut-In <u>20</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2284</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1773.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1773.40</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56845

4/10

Well Name & No. Fisher 'A' #1-35 Test No. 5 Date 5-24-14
 Company Cobalt Energy, LLC Elevation 3432 KB 3425 GL
 Address 115 S Belmont #12 Wichita, KS 67208
 Co. Rep / Geo. Jeff Christian Rig Murfin #8
 Location: Sec. 35 Twp. 5S Rge. 37W Co. Cheyeme State KS

Interval Tested 4773-4824 Zone Tested Cherokee
 Anchor Length 51 Drill Pipe Run 4575' Mud Wt. 9.4
 Top Packer Depth 4769 Drill Collars Run 183' Vis 59
 Bottom Packer Depth 4773 Wt. Pipe Run Ø WL 8.2
 Total Depth 4824 Chlorides 608 ppm System LCM #

Blow Description IF - BoB in 3 1/2 min
ISI - Surface Return built to 4 1/2"
FF - BoB in 9 min. Then diled back to 4 1/2"
FST - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1302</u>	<u>Clean Gassy Oil</u>	<u>30</u>	<u>70</u>		
<u>183</u>	<u>GMCO</u>	<u>20</u>	<u>70</u>		<u>10</u>
<u>558</u>	<u>GIP</u>	<u>100</u>			

Rec Total 1485 BHT 1508 Gravity 21 API RW -@ ° F Chlorides - ppm

(A) Initial Hydrostatic 2418 Test 1250 T-On Location 1:30 PM
 (B) First Initial Flow 117 Jars 250 T-Started 1:40 PM
 (C) First Final Flow 326 Safety Joint 75 T-Open 4:08 PM
 (D) Initial Shut-In 1531 Circ Sub _____ T-Pulled 8:08 PM
 (E) Second Initial Flow 351 Hourly Standby _____ T-Out 12:34 AM
 (F) Second Final Flow 615 Mileage 128 RT 198.40 Comments Loaded tools
 (G) Final Shut-In 1410 Sampler _____ at end of test
 (H) Final Hydrostatic 2272 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1773.40
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1773.40

Initial Open 30
 Initial Shut-In 60
 Final Flow 600
 Final Shut-In 910

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