



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy LLC**

PO Box 8037
Wichita, KS 67208-0037

ATTN: Larry Nicholson

Slipke Trust A #1-24

24-6s-26w Sheridan,KS

Start Date: 2018.08.27 @ 21:35:00

End Date: 2018.08.28 @ 04:26:15

Job Ticket #: 63778 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.08.31 @ 09:49:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 63778 **DST#: 1**
 Test Start: 2018.08.27 @ 21:35:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:26:15 Tester: Ray Schwager/ James
 Time Test Ended: 04:26:15 Unit No: 77
 Interval: **3658.00 ft (KB) To 3705.00 ft (KB) (TVD)** Reference Elevations: 2612.00 ft (KB)
 Total Depth: 3705.00 ft (KB) (TVD) 2607.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

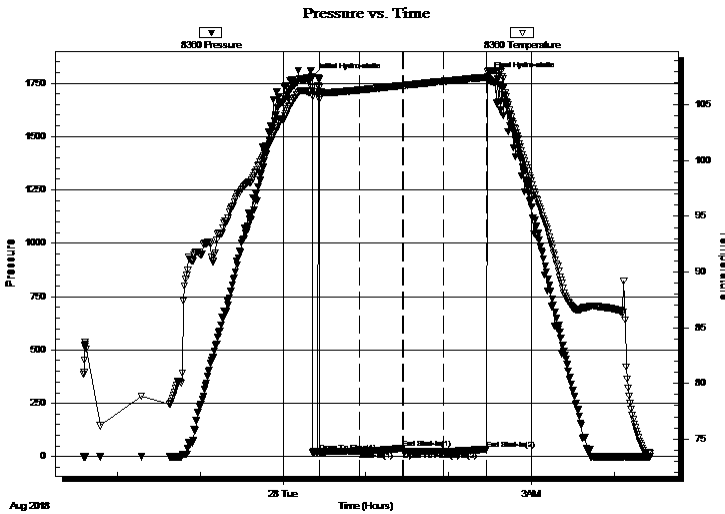
Serial #: 8360

Inside

Press@RunDepth: 24.69 psig @ 3659.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.08.27 End Date: 2018.08.28 Last Calib.: 2018.08.28
 Start Time: 21:35:05 End Time: 04:26:14 Time On Btm: 2018.08.28 @ 00:21:15
 Time Off Btm: 2018.08.28 @ 02:28:30

TEST COMMENT: 30 - IF: Weak surface blow , dead at 17 min.
 30 - IS: No blow
 30 - FF: No blow
 30 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.96	106.60	Initial Hydro-static
5	22.01	105.46	Open To Flow (1)
35	24.14	106.34	Shut-In(1)
66	39.48	106.75	End Shut-In(1)
66	23.97	106.75	Open To Flow (2)
96	24.69	107.12	Shut-In(2)
127	35.11	107.48	End Shut-In(2)
128	1782.24	107.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w /trace oil 100%m	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 63778 **DST#: 1**
 Test Start: 2018.08.27 @ 21:35:00

Tool Information

Drill Pipe:	Length: 3414.00 ft	Diameter: 3.80 inches	Volume: 47.89 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 49.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3658.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	76.00 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			3630.00	
Shut In Tool	5.00			3635.00	
Hydraulic tool	5.00			3640.00	
Jars	5.00			3645.00	
Safety Joint	3.00			3648.00	
Packer	5.00			3653.00	29.00 Bottom Of Top Packer
Packer	5.00			3658.00	
Stubb	1.00			3659.00	
Recorder	0.00	8360	Inside	3659.00	
Recorder	0.00	8673	Outside	3659.00	
Perforations	9.00			3668.00	
Blank Spacing	33.00			3701.00	
Perforations	1.00			3702.00	
Bullnose	3.00			3705.00	47.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 63778 **DST#: 1**
 Test Start: 2018.08.27 @ 21:35:00

Mud and Cushion Information

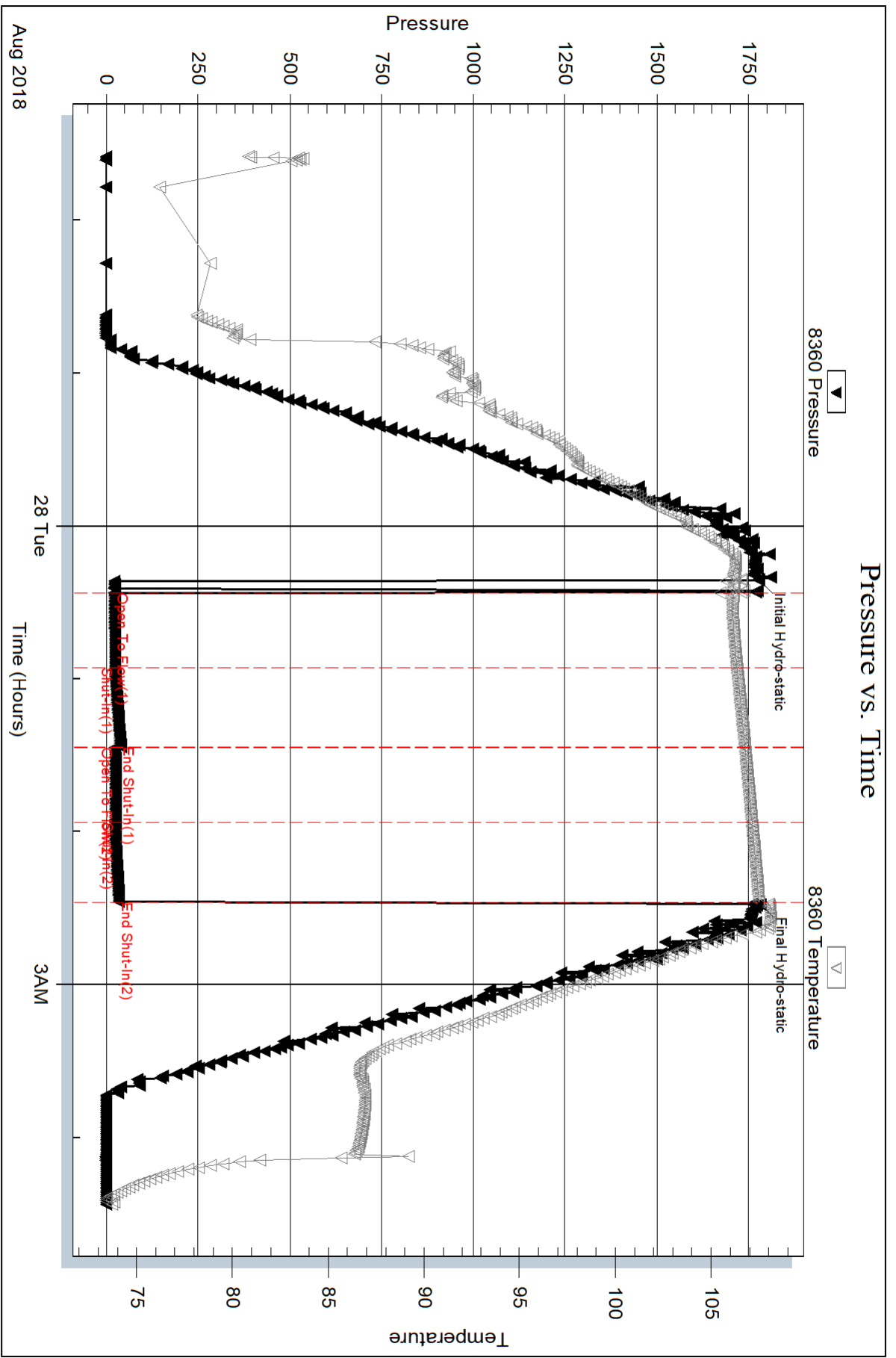
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

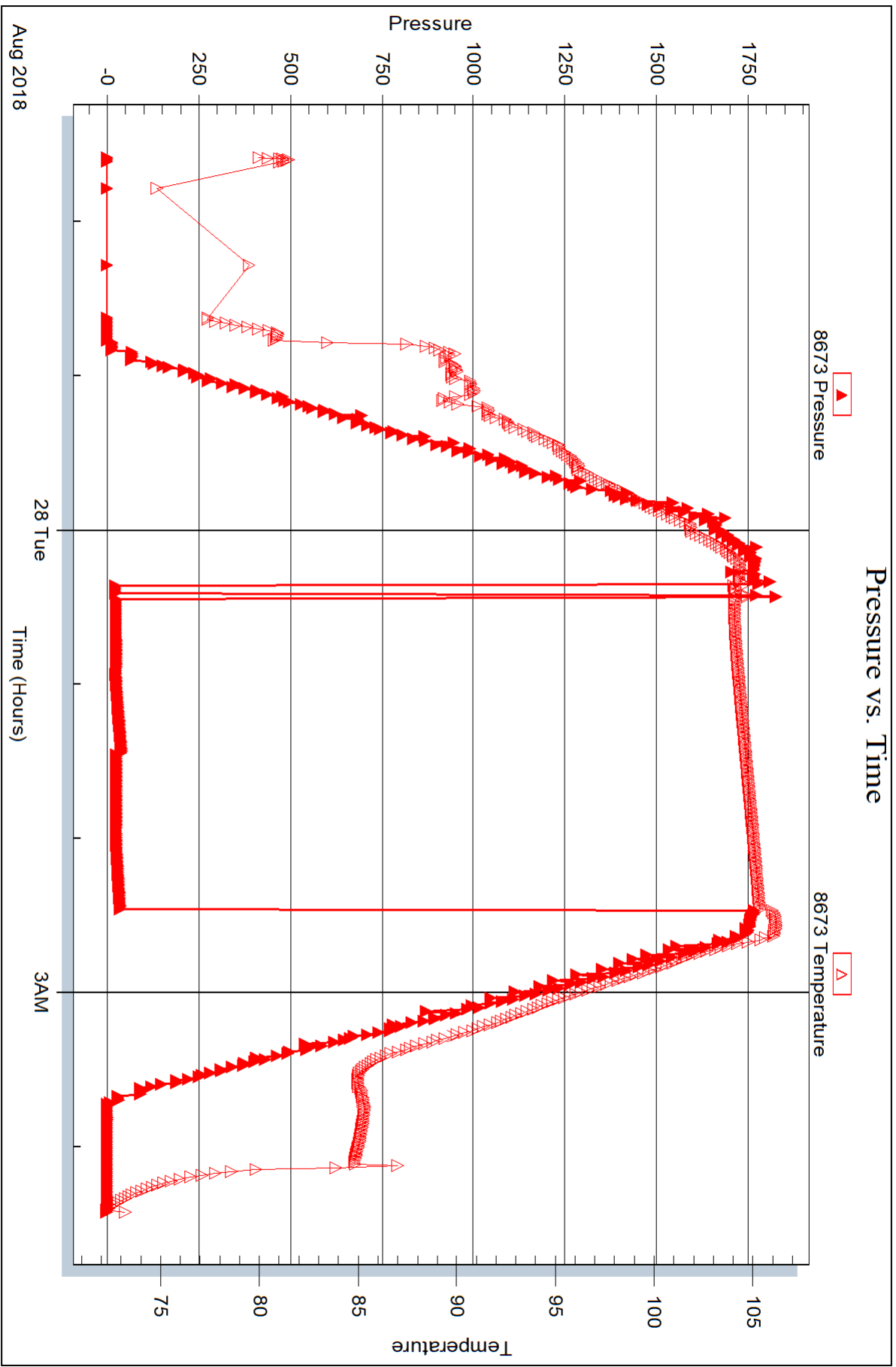
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud w /trace oil 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 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**

PO Box 8037
Wichita, KS 67208-0037

ATTN: Larry Nicholson

Slipke Trust A #1-24

24-6s-26w Sheridan,KS

Start Date: 2018.08.28 @ 11:10:00

End Date: 2018.08.28 @ 17:50:15

Job Ticket #: 64225 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.08.31 @ 09:36:40

Cobalt Energy LLC
24-6s-26w Sheridan,KS
Slipke Trust A #1-24
DST # 2
LKC "C"
2018.08.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64225 **DST#: 2**
 Test Start: 2018.08.28 @ 11:10:00

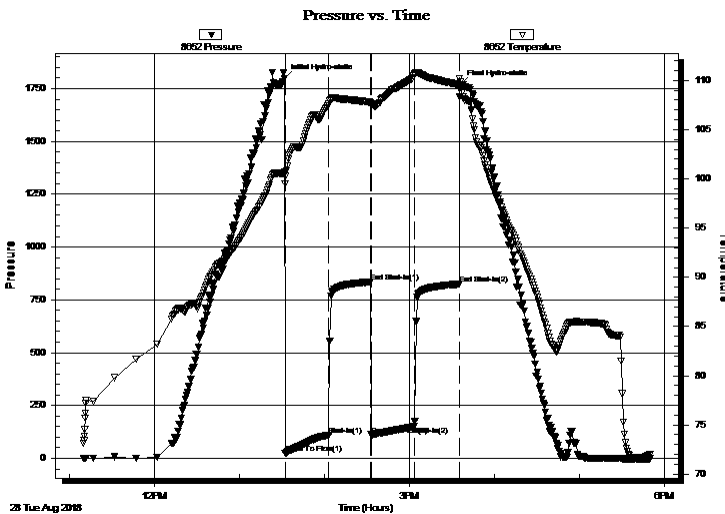
GENERAL INFORMATION:

Formation: **LKC "C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:32:15
 Time Test Ended: 17:50:15
 Interval: **3700.00 ft (KB) To 3725.00 ft (KB) (TVD)**
 Total Depth: 3725.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 2612.00 ft (KB)
 2607.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
 Press@RunDepth: 150.04 psig @ 3701.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.08.28 End Date: 2018.08.28 Last Calib.: 2018.08.28
 Start Time: 11:10:05 End Time: 17:50:14 Time On Btm: 2018.08.28 @ 13:32:00
 Time Off Btm: 2018.08.28 @ 15:36:00

TEST COMMENT: 30 - IF: Blow built to 10"
 30 - IS: No blow back
 30 - FF: Blow built to 9"
 30 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1799.22	100.73	Initial Hydro-static
1	22.97	99.52	Open To Flow (1)
32	109.45	107.62	Shut-In(1)
61	834.40	107.77	End Shut-In(1)
61	111.31	107.48	Open To Flow (2)
92	150.04	110.58	Shut-In(2)
124	824.70	109.56	End Shut-In(2)
124	1768.85	109.83	Final Hydro-static

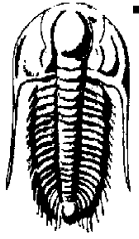
Recovery

Length (ft)	Description	Volume (bbl)
240.00	MCW w/trace oil 80%w, 20%m	1.75
50.00	MW w/Oil spots 52%w, 45%m, 3%o	0.70

* Recovery from multiple tests

Gas Rates

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



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Cobalt Energy LLC
PO Box 8037
Wichita, KS 67208-0037
ATTN: Larry Nicholson

24-6s-26w Sheridan, KS
Slipke Trust A #1-24
Job Ticket: 64225 **DST#: 2**
Test Start: 2018.08.28 @ 11:10:00

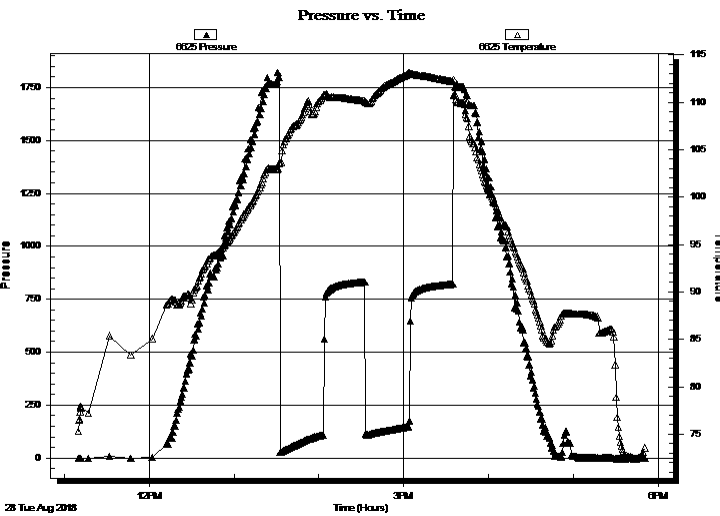
GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:32:15
Time Test Ended: 17:50:15
Interval: **3700.00 ft (KB) To 3725.00 ft (KB) (TVD)**
Total Depth: 3725.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83
Reference Elevations: 2612.00 ft (KB)
2607.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3701.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.08.28 End Date: 2018.08.28 Last Calib.: 2018.08.28
Start Time: 11:10:05 End Time: 17:50:29 Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 10"
30 - IS: No blow back
30 - FF: Blow built to 9"
30 - FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
240.00	MCW w/trace oil 80%w , 20%m	1.75
50.00	MW w /Oil spots 52%w , 45%m, 3%o	0.70

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64225 **DST#: 2**
 Test Start: 2018.08.28 @ 11:10:00

Tool Information

Drill Pipe:	Length: 3505.00 ft	Diameter: 3.80 inches	Volume: 49.17 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 50.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3700.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	58.00 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			3668.00	
Shut In Tool	5.00			3673.00	
Hydraulic tool	5.00			3678.00	
Jars	5.00			3683.00	
EM Tool	4.00			3687.00	
Safety Joint	3.00			3690.00	
Packer	5.00			3695.00	33.00 Bottom Of Top Packer
Packer	5.00			3700.00	
Stubb	1.00			3701.00	
Recorder	0.00	6625	Inside	3701.00	
Recorder	0.00	8652	Outside	3701.00	
Perforations	21.00			3722.00	
Bullnose	3.00			3725.00	25.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64225 **DST#: 2**
 Test Start: 2018.08.28 @ 11:10:00

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:	50000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

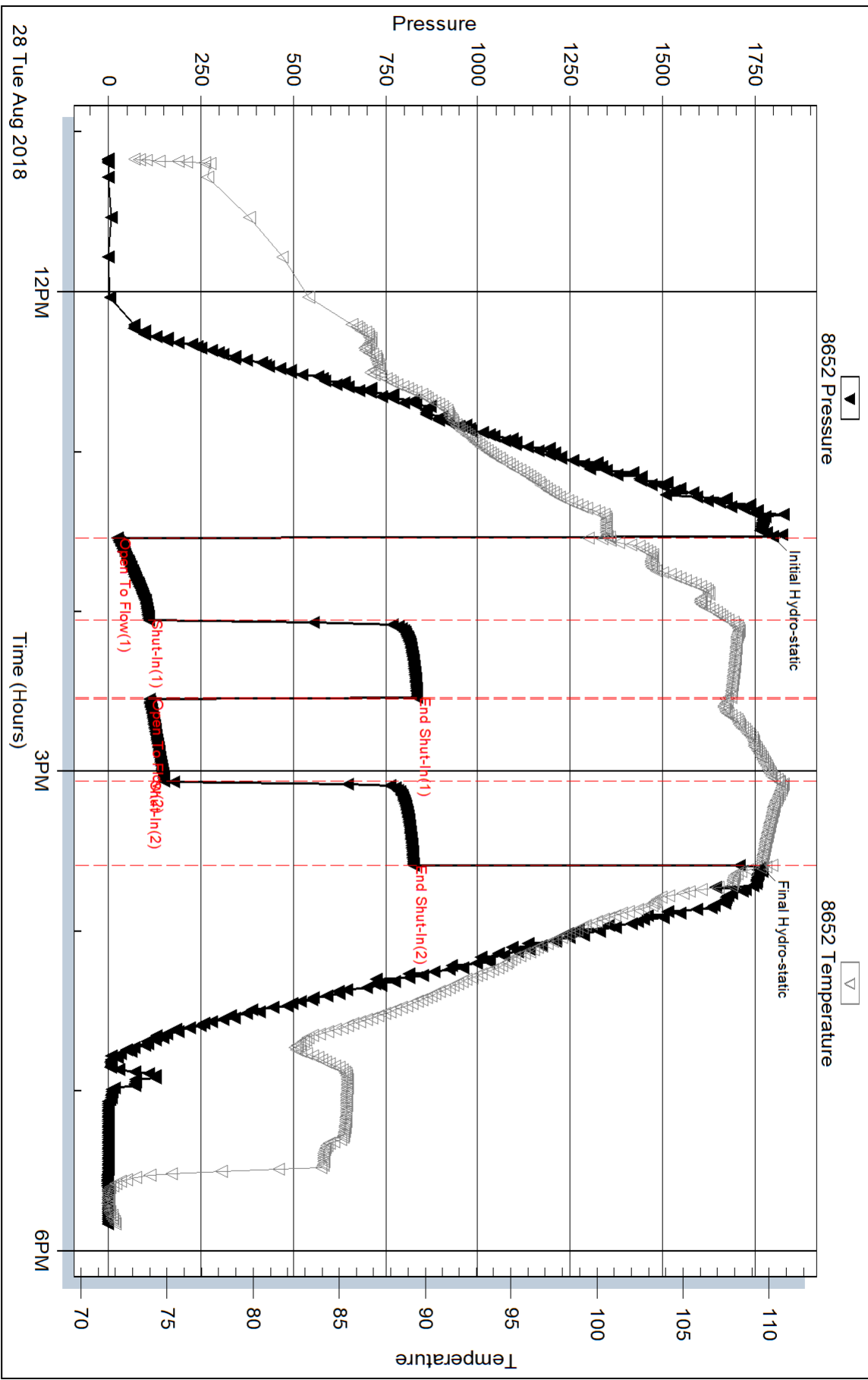
Recovery Information

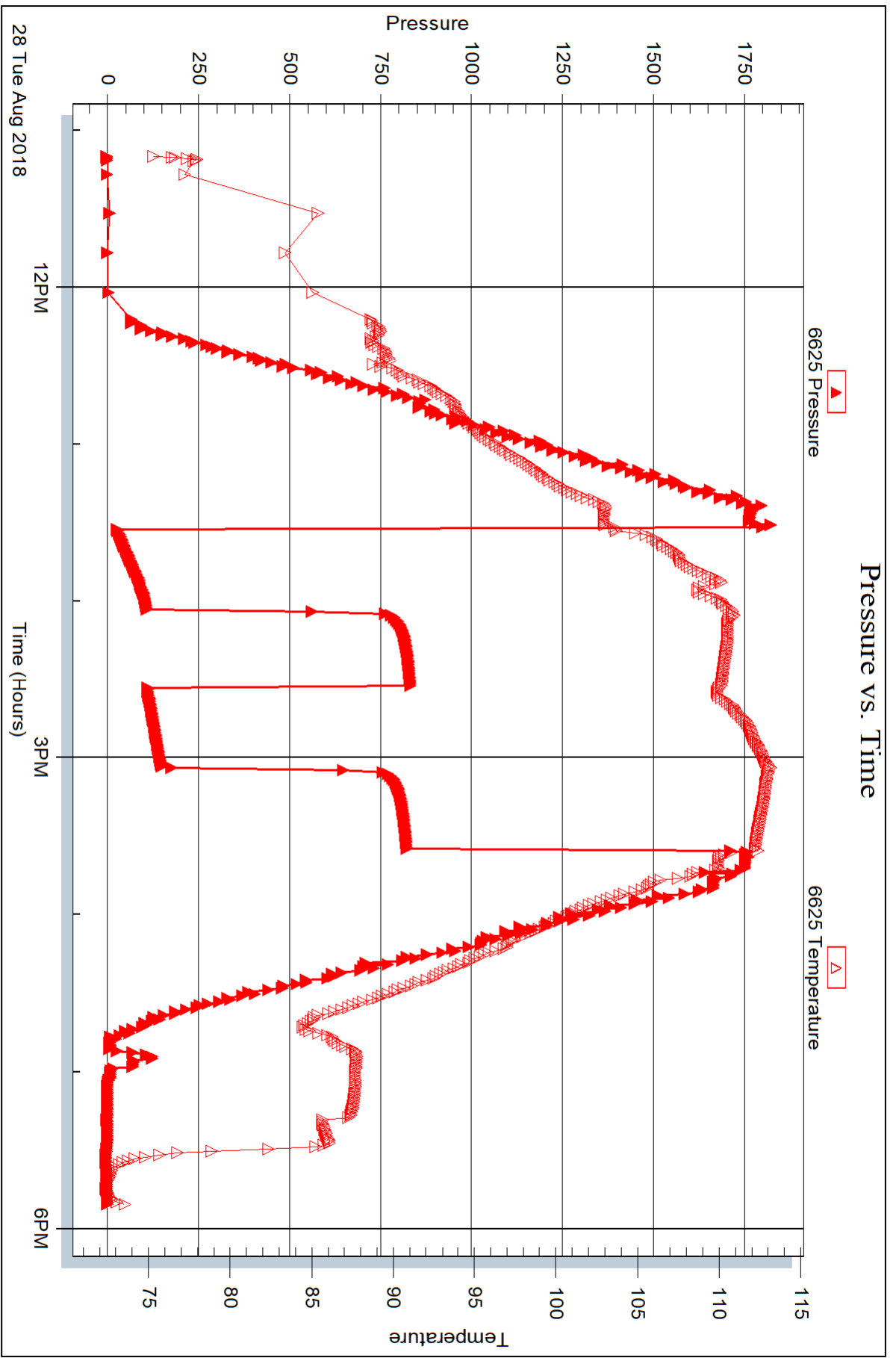
Recovery Table

Length ft	Description	Volume bbl
240.00	MCW w/trace oil 80%w , 20%m	1.754
50.00	MW w/Oil spots 52%w , 45%m, 3%o	0.701

Total Length: 290.00 ft Total Volume: 2.455 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .147 ohms @ 71.2 deg F Chlorides = 50,000 ppm

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy LLC**

PO Box 8037
Wichita, KS 67208-0037

ATTN: Larry Nicholson

Slipke Trust A #1-24

24-6s-26w Sheridan,KS

Start Date: 2018.08.29 @ 01:11:00

End Date: 2018.08.29 @ 08:09:45

Job Ticket #: 64076 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.08.31 @ 09:22:44



**TRILOBITE
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DRILL STEM TEST REPORT

Cobalt Energy LLC
PO Box 8037
Wichita, KS 67208-0037
ATTN: Larry Nicholson

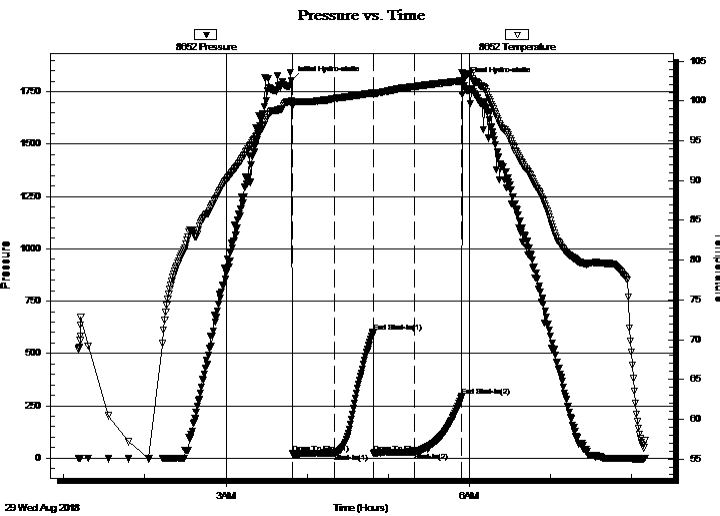
24-6s-26w Sheridan,KS
Slipke Trust A #1-24
Job Ticket: 64076 **DST#: 3**
Test Start: 2018.08.29 @ 01:11:00

GENERAL INFORMATION:

Formation: **LKC "E - F"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 03:49:00 Tester: James Winder
Time Test Ended: 08:09:45 Unit No: 83
Interval: 3736.00 ft (KB) To 3756.00 ft (KB) (TVD) Reference Elevations: 2612.00 ft (KB)
Total Depth: 3756.00 ft (KB) (TVD) 2607.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
Press@RunDepth: 28.56 psig @ 3737.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.08.29 End Date: 2018.08.29 Last Calib.: 2018.08.29
Start Time: 01:11:05 End Time: 08:09:44 Time On Btm: 2018.08.29 @ 03:48:30
Time Off Btm: 2018.08.29 @ 05:55:15

TEST COMMENT: 30 - IF: 1/8" Blow at open, built to 1/4"
30 - IS: No blow back
30 - FF: No blow
30 - FS: No blow



PRESSURE SUMMARY

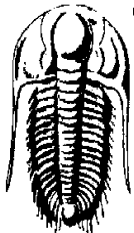
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.73	100.07	Initial Hydro-static
1	20.70	99.35	Open To Flow (1)
32	24.89	100.32	Shut-In(1)
61	602.23	101.01	End Shut-In(1)
61	24.07	100.86	Open To Flow (2)
91	28.56	101.82	Shut-In(2)
126	294.30	102.52	End Shut-In(2)
127	1800.78	103.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /Oil spots 99%m, 1%o	0.05

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC
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ATTN: Larry Nicholson

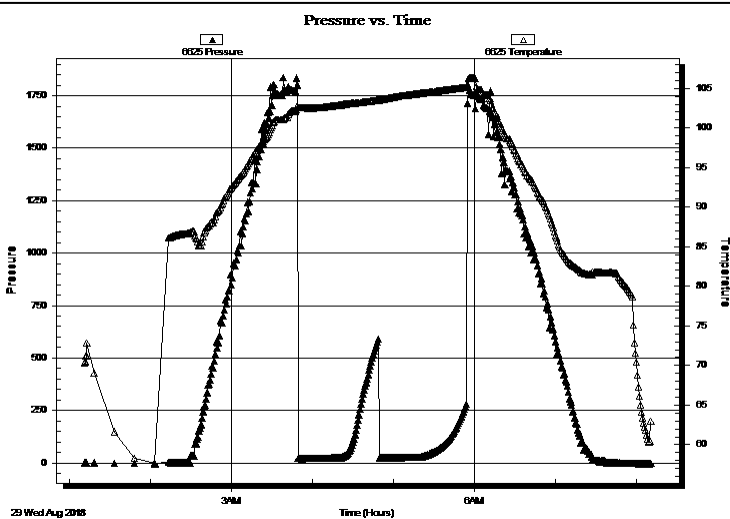
24-6s-26w Sheridan, KS
Slipke Trust A #1-24
Job Ticket: 64076 **DST#: 3**
Test Start: 2018.08.29 @ 01:11:00

GENERAL INFORMATION:

Formation:	LKC "E - F"				
Deviated:	No Whipstock:		ft (KB)	Test Type:	Conventional Bottom Hole (Initial)
Time Tool Opened:	03:49:00			Tester:	James Winder
Time Test Ended:	08:09:45			Unit No:	83
Interval:	3736.00 ft (KB) To 3756.00 ft (KB) (TVD)			Reference Elevations:	2612.00 ft (KB)
Total Depth:	3756.00 ft (KB) (TVD)				2607.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Good	KB to GR/CF:	5.00 ft

Serial #: 6625	Inside				
Press@RunDepth:	psig @	3737.00 ft (KB)	Capacity:	8000.00	psig
Start Date:	2018.08.29	End Date:	2018.08.29	Last Calib.:	2018.08.29
Start Time:	01:11:05	End Time:	08:10:14	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: 30 - IF: 1/8" Blow at open, built to 1/4"
30 - IS: No blow back
30 - FF: No blow
30 - FS: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /Oil spots 99% _m , 1% _o	0.05

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64076 **DST#: 3**
 Test Start: 2018.08.29 @ 01:11:00

Tool Information

Drill Pipe:	Length: 3536.00 ft	Diameter: 3.80 inches	Volume: 49.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume: 50.47 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3736.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	53.00 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			3704.00	
Shut In Tool	5.00			3709.00	
Hydraulic tool	5.00			3714.00	
Jars	5.00			3719.00	
EM Tool	4.00			3723.00	
Safety Joint	3.00			3726.00	
Packer	5.00			3731.00	33.00 Bottom Of Top Packer
Packer	5.00			3736.00	
Stubb	1.00			3737.00	
Recorder	0.00	6625	Inside	3737.00	
Recorder	0.00	8652	Outside	3737.00	
Perforations	16.00			3753.00	
Bullnose	3.00			3756.00	20.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64076 **DST#: 3**
 Test Start: 2018.08.29 @ 01:11:00

Mud and Cushion Information

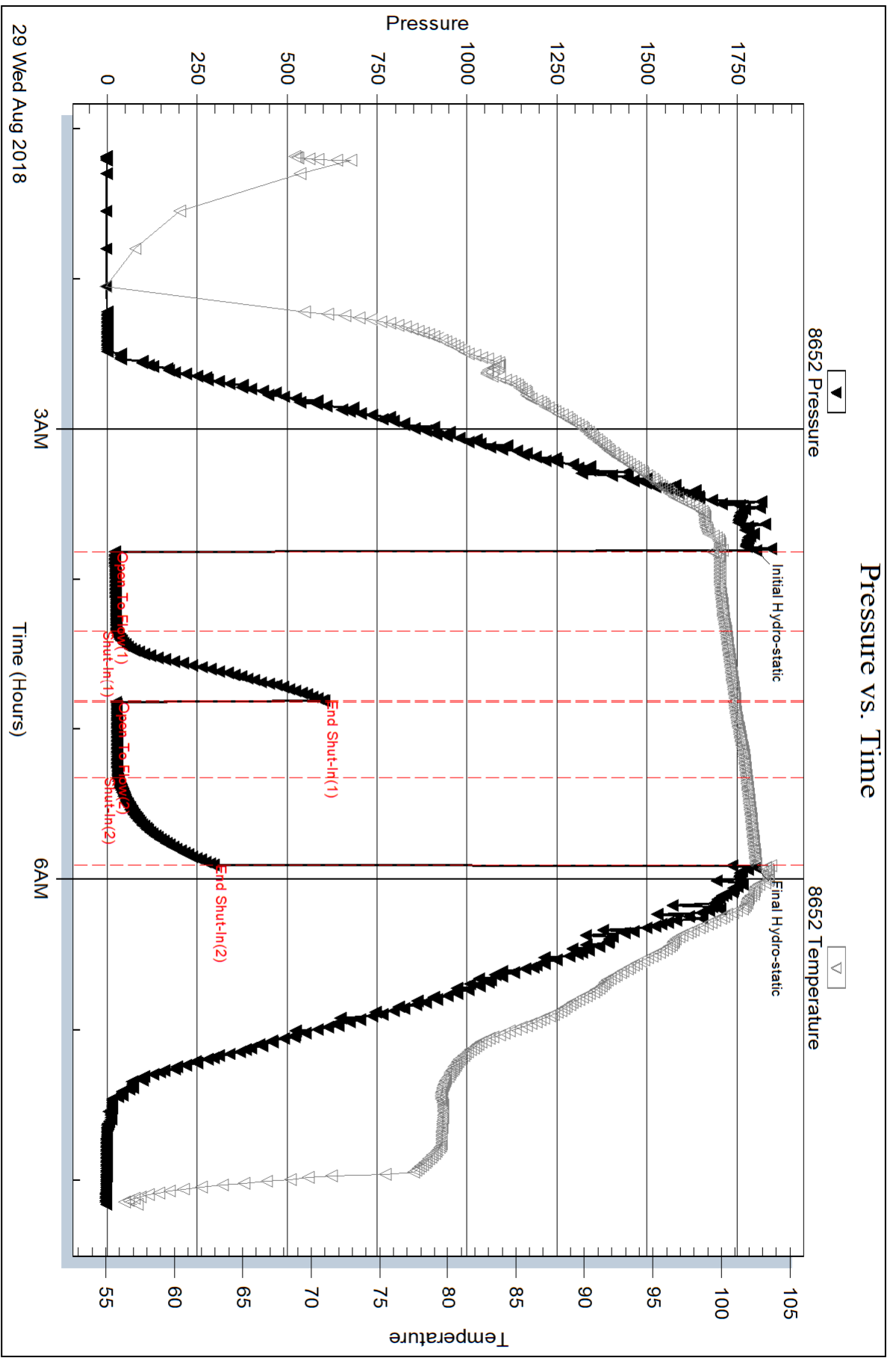
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

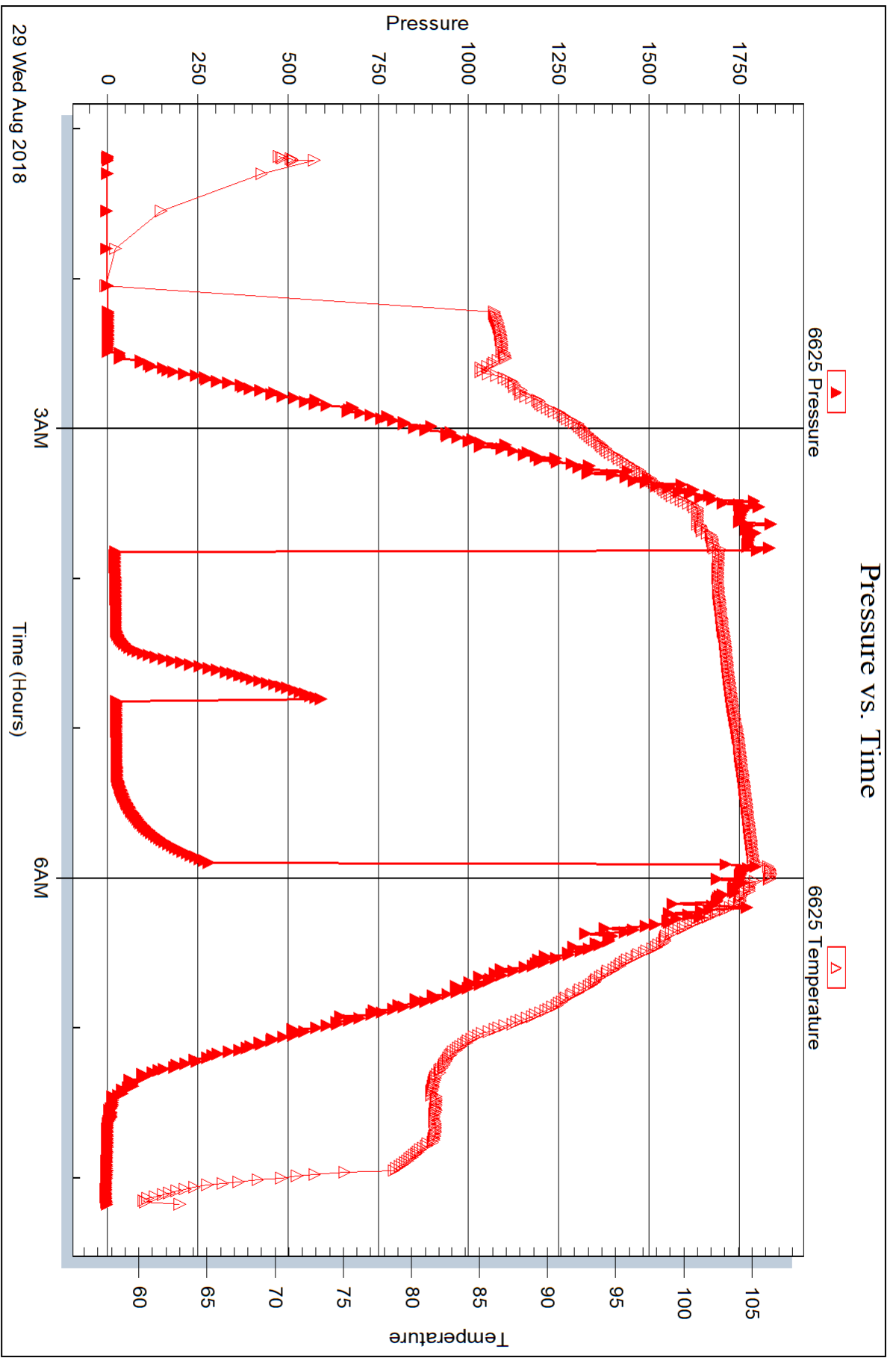
Recovery Information

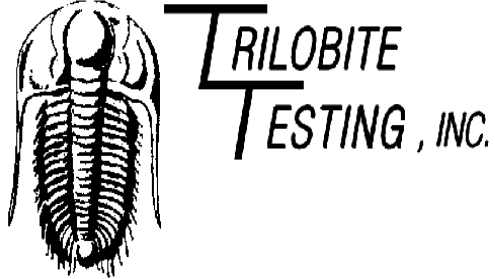
Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w /Oil spots 99% _m , 1% _o	0.049

Total Length: 10.00 ft Total Volume: 0.049 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**

PO Box 8037
Wichita, KS 67208-0037

ATTN: Larry Nicholson

Slipke Trust A #1-24

24-6s-26w Sheridan,KS

Start Date: 2018.08.29 @ 18:31:00

End Date: 2018.08.30 @ 02:07:00

Job Ticket #: 64077 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.08.31 @ 09:22:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cobalt Energy LLC
PO Box 8037
Wichita, KS 67208-0037
ATTN: Larry Nicholson

24-6s-26w Sheridan,KS

Slipke Trust A #1-24

Job Ticket: 64077

DST#: 4

Test Start: 2018.08.29 @ 18:31:00

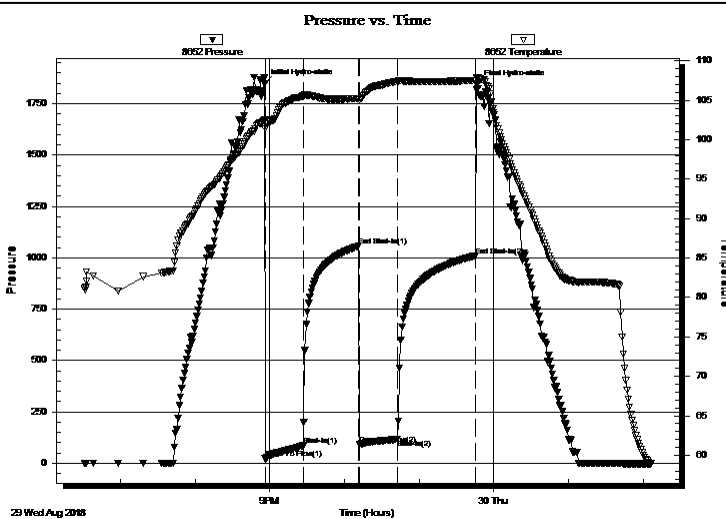
GENERAL INFORMATION:

Formation: **LKC "H - J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:56:15
 Tester: James Winder
 Time Test Ended: 02:07:00
 Unit No: 83
Interval: 3783.00 ft (KB) To 3840.00 ft (KB) (TVD)
 Reference Elevations: 2612.00 ft (KB)
 Total Depth: 3840.00 ft (KB) (TVD)
 2607.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 116.70 psig @ 3784.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2018.08.29 End Date: 2018.08.30 Last Calib.: 2018.08.30
 Start Time: 18:31:05 End Time: 02:06:59
 Time On Btm: 2018.08.29 @ 20:56:00
 Time Off Btm: 2018.08.29 @ 23:46:45

TEST COMMENT: 30 - IF: Blow built to 6 1/4"
 45 - IS: No blow back
 30 - FF: Blow built to 4 3/4"
 60 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1847.94	102.55	Initial Hydro-static
1	22.29	101.38	Open To Flow (1)
31	85.37	105.54	Shut-In(1)
76	1057.07	105.24	End Shut-In(1)
77	91.43	105.00	Open To Flow (2)
107	116.70	107.40	Shut-In(2)
170	1010.92	107.48	End Shut-In(2)
171	1842.36	107.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
177.00	MW w/trace oil 52%w, 48%m	0.87
33.00	WCM w/trace oil 76%m, 24%w	0.46

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

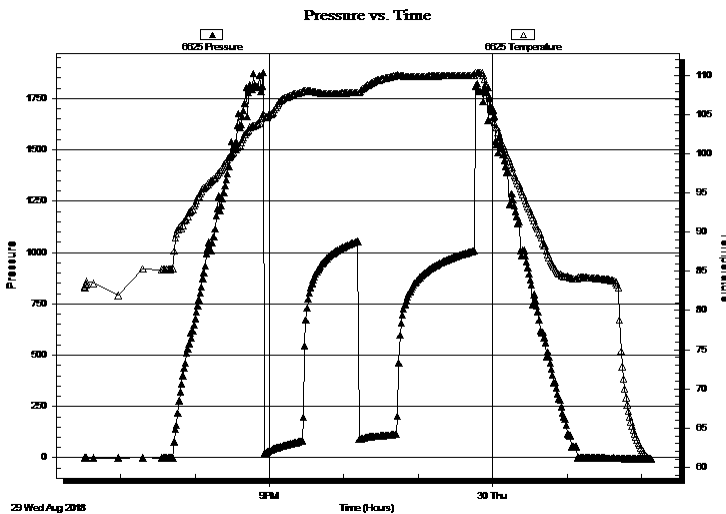
24-6s-26w Sheridan, KS
Slipke Trust A #1-24
 Job Ticket: 64077 **DST#: 4**
 Test Start: 2018.08.29 @ 18:31:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:56:15 Tester: James Winder
 Time Test Ended: 02:07:00 Unit No: 83
Interval: 3783.00 ft (KB) To 3840.00 ft (KB) (TVD) Reference Elevations: 2612.00 ft (KB)
 Total Depth: 3840.00 ft (KB) (TVD) 2607.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: psig @ 3784.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.08.29 End Date: 2018.08.30 Last Calib.: 2018.08.30
 Start Time: 18:31:05 End Time: 02:07:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 6 1/4"
 45 - IS: No blow back
 30 - FF: Blow built to 4 3/4"
 60 - FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
177.00	MW w/trace oil 52%w, 48%m	0.87
33.00	WCM w/trace oil 76%m, 24%w	0.46

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC
PO Box 8037
Wichita, KS 67208-0037
ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
Job Ticket: 64077 **DST#: 4**
Test Start: 2018.08.29 @ 18:31:00

Tool Information

Drill Pipe:	Length: 3599.00 ft	Diameter: 3.80 inches	Volume: 50.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 51.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3783.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	90.00 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			3751.00	
Shut In Tool	5.00			3756.00	
Hydraulic tool	5.00			3761.00	
Jars	5.00			3766.00	
EM Tool	4.00			3770.00	
Safety Joint	3.00			3773.00	
Packer	5.00			3778.00	33.00 Bottom Of Top Packer
Packer	5.00			3783.00	
Stubb	1.00			3784.00	
Recorder	0.00	6625	Inside	3784.00	
Recorder	0.00	8652	Outside	3784.00	
Perforations	20.00			3804.00	
Blank Spacing	33.00			3837.00	
Bullnose	3.00			3840.00	57.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64077 **DST#: 4**
 Test Start: 2018.08.29 @ 18:31:00

Mud and Cushion Information

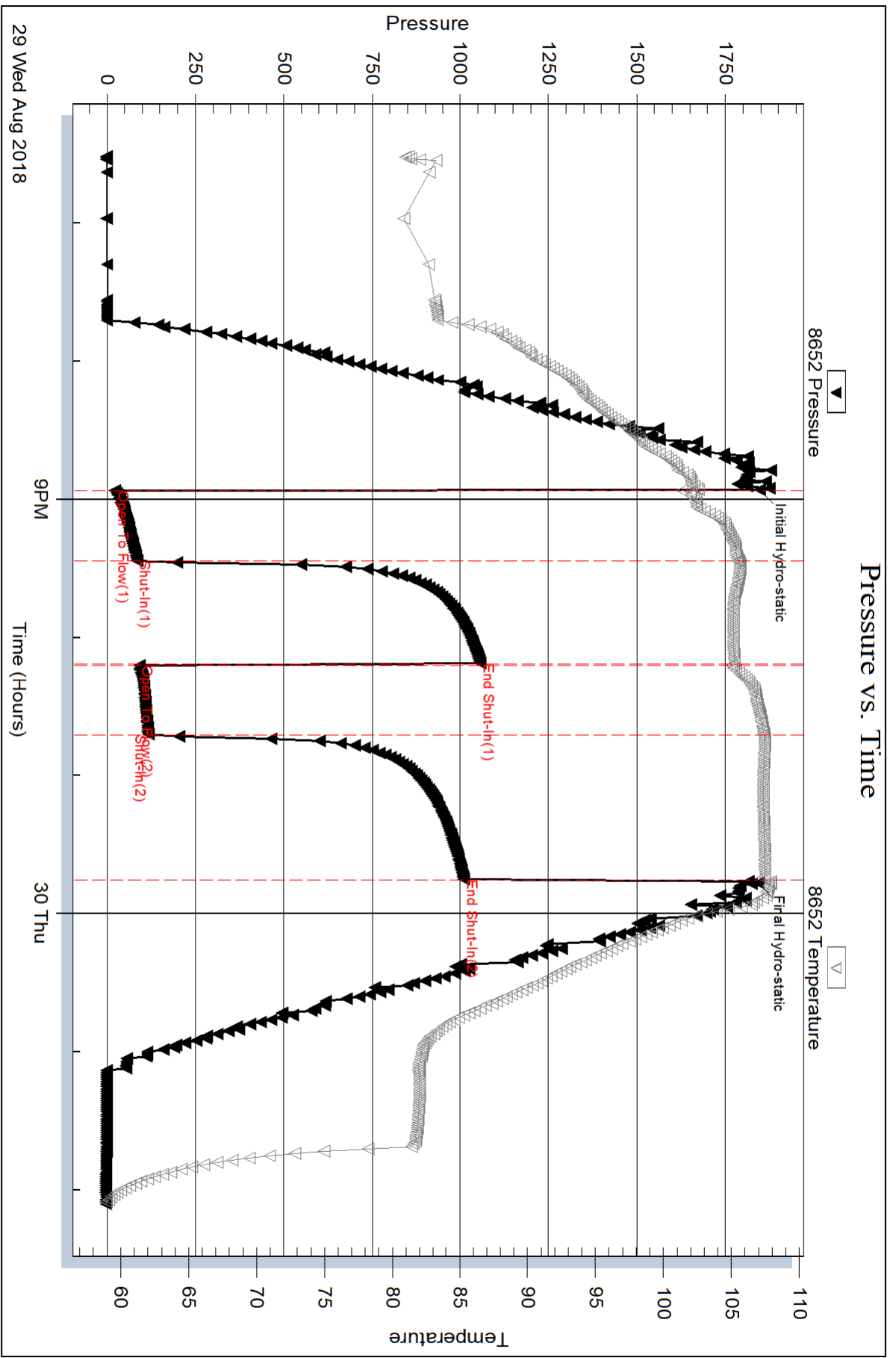
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	30000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
177.00	MW w/trace oil 52%w , 48%m	0.870
33.00	WCM w/trace oil 76%m, 24%w	0.463

Total Length: 210.00 ft Total Volume: 1.333 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .269 ohms @ 61.4 deg F Chlorides = 30,000 ppm



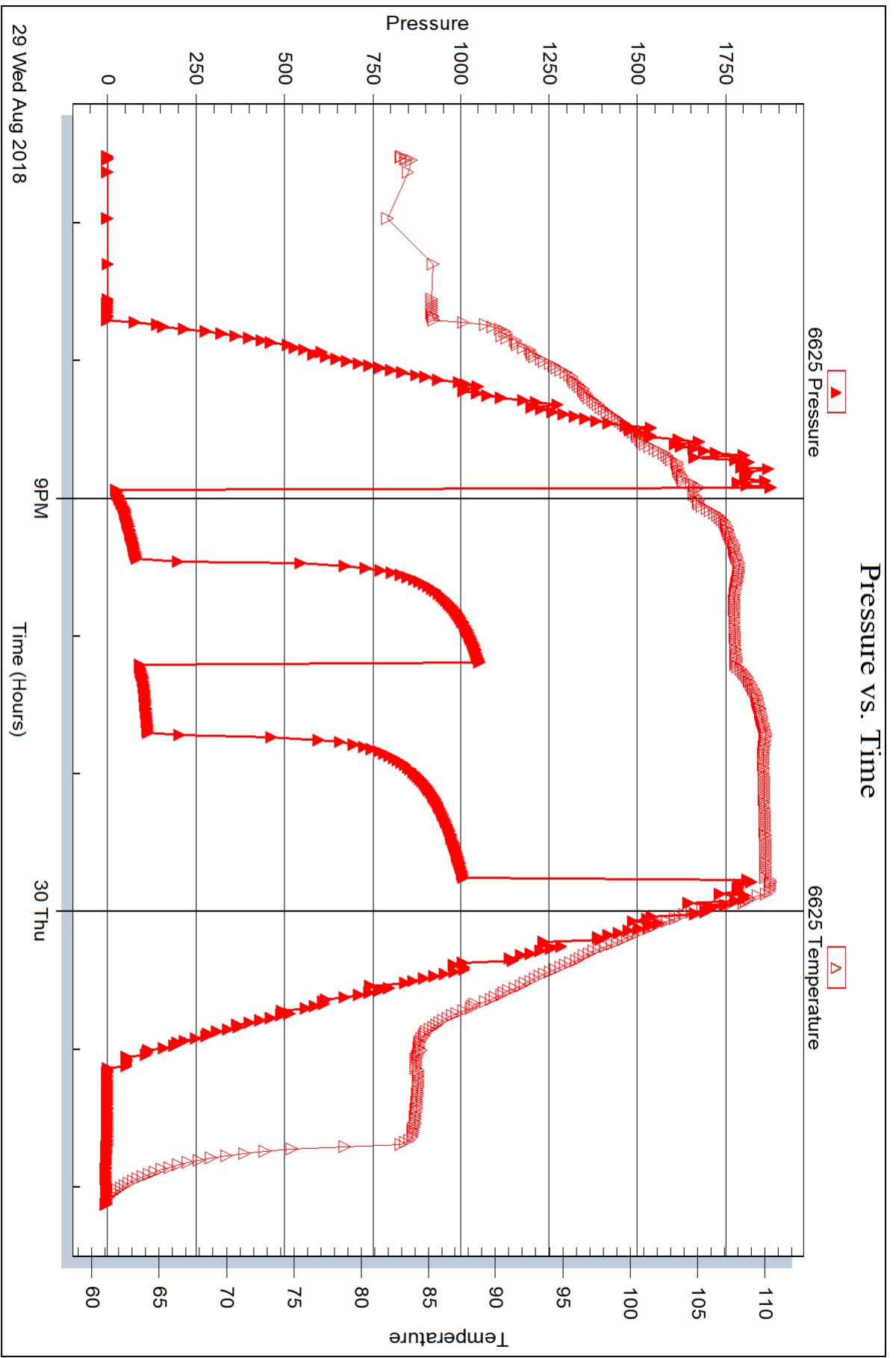
Serial #: 6625

Inside

Cobalt Energy LLC

Slipke Trust A #1-24

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 64077

Printed: 2018.08.31 @ 09:22:19



DRILL STEM TEST REPORT

Prepared For: **Cobalt Energy LLC**

PO Box 8037
Wichita, KS 67208-0037

ATTN: Larry Nicholson

Slipke Trust A #1-24

24-6s-26w Sheridan,KS

Start Date: 2018.08.30 @ 10:34:00

End Date: 2018.08.30 @ 18:49:30

Job Ticket #: 64078 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.08.31 @ 09:21:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan, KS
Slipke Trust A #1-24
 Job Ticket: 64078 **DST#: 5**
 Test Start: 2018.08.30 @ 10:34:00

GENERAL INFORMATION:

Formation: **LKC "J - K"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 13:14:15 Tester: James Winder
 Time Test Ended: 18:49:30 Unit No: 83
 Interval: **3848.00 ft (KB) To 3881.00 ft (KB) (TVD)** Reference Elevations: 2612.00 ft (KB)
 Total Depth: 3881.00 ft (KB) (TVD) 2607.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

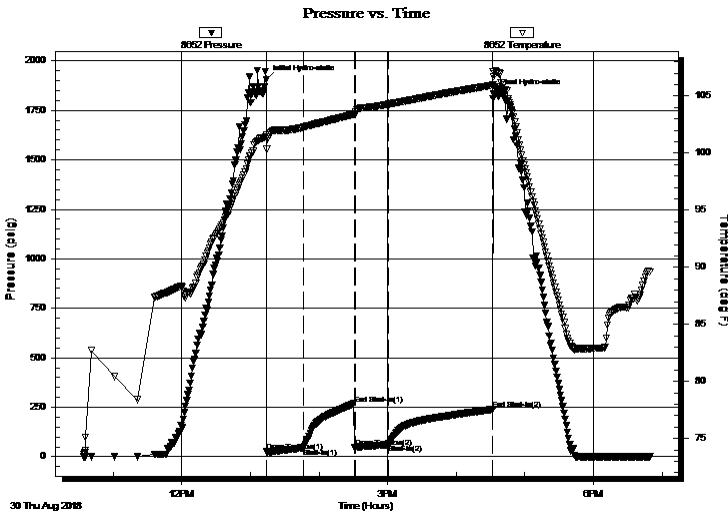
Serial #: 8652

Outside

Press@RunDepth: 61.05 psig @ 3849.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.08.30 End Date: 2018.08.30 Last Calib.: 2018.08.30
 Start Time: 10:34:05 End Time: 18:49:29 Time On Btm: 2018.08.30 @ 13:14:00
 Time Off Btm: 2018.08.30 @ 16:32:45

TEST COMMENT: 30 - IF: Blow built to 8"
 45 - IS: No blow back
 30 - FF: Blow built to 6"
 90 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1907.09	101.61	Initial Hydro-static
1	25.27	100.34	Open To Flow (1)
33	43.72	102.26	Shut-In(1)
77	267.82	103.41	End Shut-In(1)
78	47.34	103.42	Open To Flow (2)
107	61.05	104.28	Shut-In(2)
198	238.93	105.94	End Shut-In(2)
199	1834.43	106.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	GOCM 61% _m , 24% _o , 15% _g	0.07
105.00	CGO 89% _o , 8% _g , 3% _m	0.52
0.00	GIP = 65'+	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan, KS

Slipke Trust A #1-24

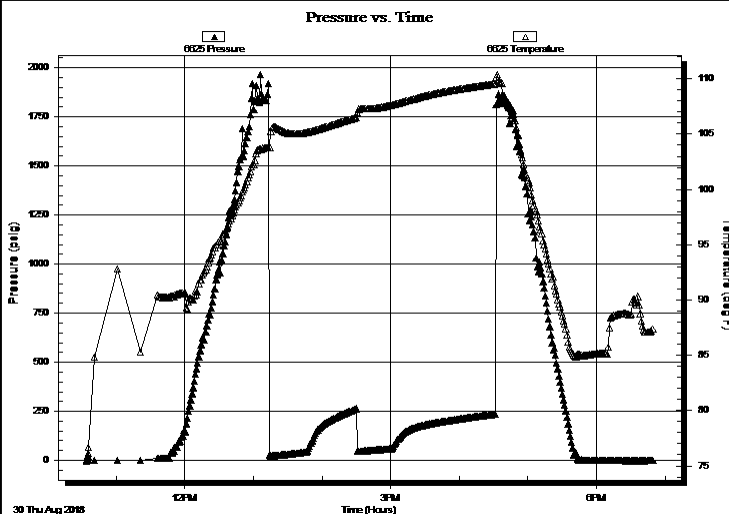
Job Ticket: 64078 **DST#: 5**
 Test Start: 2018.08.30 @ 10:34:00

GENERAL INFORMATION:

Formation: LKC "J - K"			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 13:14:15		Tester: James Winder	
Time Test Ended: 18:49:30		Unit No: 83	
Interval: 3848.00 ft (KB) To 3881.00 ft (KB) (TVD)		Reference Elevations: 2612.00 ft (KB)	
Total Depth: 3881.00 ft (KB) (TVD)		2607.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 5.00 ft	

Serial #: 6625	Inside				
Press@RunDepth:	psig @	3849.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2018.08.30	End Date:	2018.08.30	Last Calib.:	2018.08.30
Start Time:	10:34:05	End Time:	18:49:59	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: 30 - IF: Blow built to 8"
 45 - IS: No blow back
 30 - FF: Blow built to 6"
 90 - FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	GOCM 61%m, 24%o, 15%g	0.07
105.00	CGO 89%o, 8%g, 3%m	0.52
0.00	GIP = 65'+	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64078 **DST#: 5**
 Test Start: 2018.08.30 @ 10:34:00

Tool Information

Drill Pipe:	Length: 3661.00 ft	Diameter: 3.80 inches	Volume: 51.35 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 52.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3848.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	66.00 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			3816.00	
Shut In Tool	5.00			3821.00	
Hydraulic tool	5.00			3826.00	
Jars	5.00			3831.00	
EM Tool	4.00			3835.00	
Safety Joint	3.00			3838.00	
Packer	5.00			3843.00	33.00 Bottom Of Top Packer
Packer	5.00			3848.00	
Stubb	1.00			3849.00	
Recorder	0.00	6625	Inside	3849.00	
Recorder	0.00	8652	Outside	3849.00	
Perforations	29.00			3878.00	
Bullnose	3.00			3881.00	33.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cobalt Energy LLC
 PO Box 8037
 Wichita, KS 67208-0037
 ATTN: Larry Nicholson

24-6s-26w Sheridan,KS
Slipke Trust A #1-24
 Job Ticket: 64078 **DST#: 5**
 Test Start: 2018.08.30 @ 10:34:00

Mud and Cushion Information

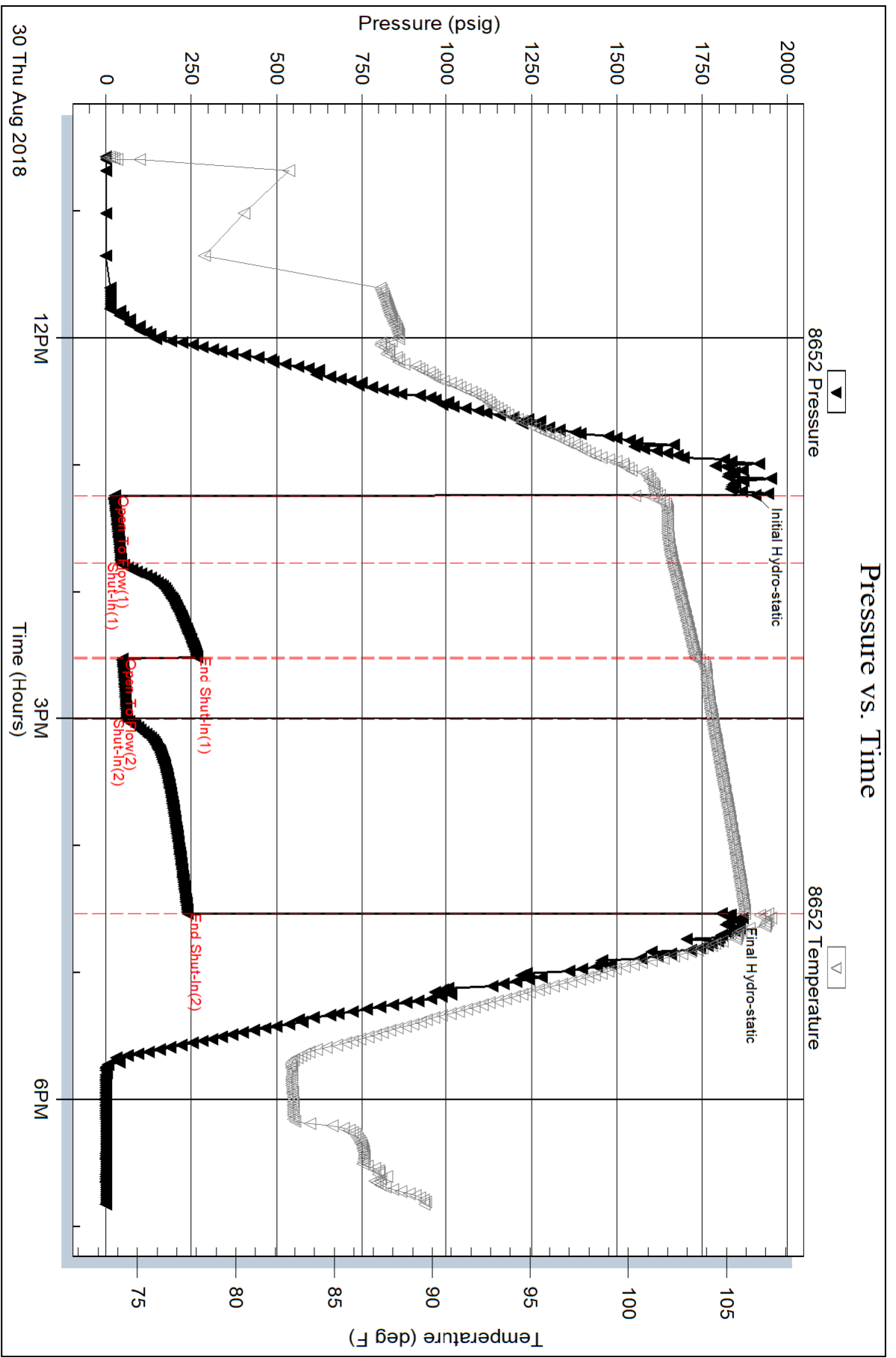
Mud Type: Gel Chem	Cushion Type:	Oil API: 34.4 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	GOCM 61% <i>m</i> , 24% <i>o</i> , 15% <i>g</i>	0.074
105.00	CGO 89% <i>o</i> , 8% <i>g</i> , 3% <i>m</i>	0.516
0.00	GIP = 65'+	0.000

Total Length: 120.00 ft Total Volume: 0.590 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity = 37.8 api @ 94 deg F Corrected Gravity = 34.4 api



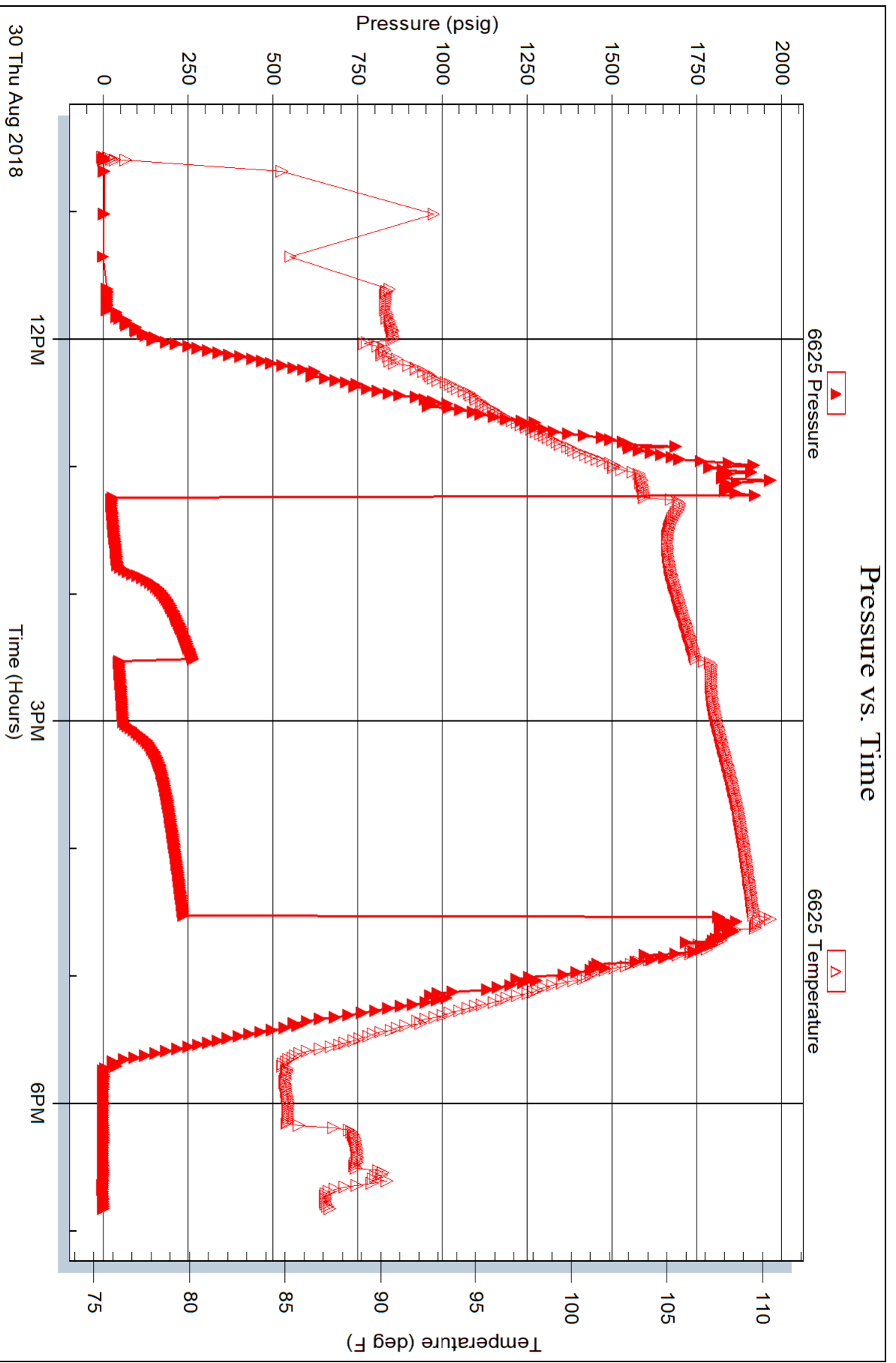
Serial #: 6625

Inside

Cobalt Energy LLC

Slipke Trust A #1-24

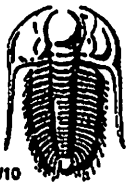
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 64078

Printed: 2018.08.31 @ 09:21:47



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63778

Well Name & No. Slipke Trust "A" #1-24 Test No. 1 Date 8-27-18
 Company Cobalt Energy LLC Elevation 2612 KB 2607 GL
 Address 115 S. Belmont #12 PO Box 8037 Wichita, Ks 67208-0037
 Co. Rep / Geo. Larry Nicholson Rig Murfin rig 8
 Location: Sec. 24 Twp 6^s Rge. 26^w Co. Sheridan State Ks

Interval Tested 3658-3705 Zone Tested TORONTO - LKC "A"
 Anchor Length 47 Drill Pipe Run 3414 Mud Wt. 8.9
 Top Packer Depth 3653 Drill Collars Run 238 Vls 57
 Bottom Packer Depth 3658 Wt. Pipe Run - WL 6
 Total Depth 3705 Chlorides 900 ppm System LCM 2#

Blow Description TFP - Weak surface blow, dead at 17 min.
ISIP - No blow
FFP - No blow
FSIP - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>mud w/trace oil</u>	<u>trace</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 2 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

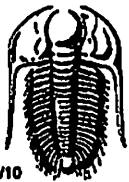
(A) Initial Hydrostatic 1778 Test 1050 T-On Location 1930 8/27
 (B) First Initial Flow 22 Jars 250 T-Started 2135
 (C) First Final Flow 24 Safety Joint 75 T-Open 00:26
 (D) Initial Shut-In 39 Circ Sub _____ T-Pulled 2:27
 (E) Second Initial Flow 24 Hourly Standby _____ T-Out 4:15 8/28
 (F) Second Final Flow 25 Mileage 100RT 100 Comments Ray started test
 (G) Final Shut-In 35 Sampler _____ James relieved him
 (H) Final Hydrostatic 1782 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1475
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1475

Approved By L. Nicholson

Our Representative Ray Schwager 409

Triobite 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.

Thank
James



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64225

Well Name & No. Slipke Trust 'A' #1-24 Test No. 2 Date 8-28-18
 Company Cobalt Energy LLC Elevation 2612 KB 2607 GL
 Address 115 S. Belmont #12 PO Box 8037 Wichita, KS 67208-0037
 Co. Rep / Geo. Larry Nicholson Rig Murfin #8
 Location: Sec. 24 Twp 6S Rge. 26W Co. Sheridan State KS

Interval Tested 3700-3725 Zone Tested LKC "C"
 Anchor Length 25 Drill Pipe Run 3505 Mud Wt. 9.0
 Top Packer Depth 3695 Drill Collars Run 177 Vls 43
 Bottom Packer Depth 3700 Wt. Pipe Run - WL 6.0
 Total Depth 3725 Chlorides 900 ppm System LCM 2

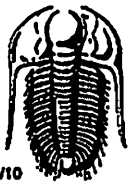
Blow Description IF: Blow built to 10"
IST: No blowback
FF: Blow built to 9"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>mw w/oil spots</u>	<u>3</u>	<u>52</u>	<u>45</u>	<u></u>
<u>240</u>	<u>mcw w/trace oil</u>	<u>trace</u>	<u>80</u>	<u>20</u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

Rec Total 290 BHT 110 Gravity API RW .147 @ 71.2 °F Chlorides 50,000 ppm

(A) Initial Hydrostatic 1799 Test 1050 T-On Location 10:45
 (B) First Initial Flow 23 Jars 250 T-Started 11:10
 (C) First Final Flow 109 Safety Joint 75 T-Open 13:32
 (D) Initial Shut-In 834 Circ Sub T-Pulled 15:35
 (E) Second Initial Flow 111 Hourly Standby T-Out 17:40
 (F) Second Final Flow 150 Mileage 100RT 100 Comments Em Tool
 (G) Final Shut-In 825 Sampler 350
 (H) Final Hydrostatic 1769 Straddle
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 350
 Accessibility Total 1825
 Sub Total 1475 MP/DST Disc't

Approved By _____ Our Representative Jamie Winkler
 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64076

Well Name & No. ~~Cobalt~~ Slipke Trust 'A' #1-24 Test No. 3 Date 8-29-18
 Company Cobalt Energy LLC Elevation 2612 KB 2607 GL
 Address 115 S Belmont #12 PO Box 8037 Wichita, KS 67208-0037
 Co. Rep / Geo. Larry Nicholson Rig Murfin #8
 Location: Sec. 24 Twp 6S Rge. 26W Co. Sheridan State KS

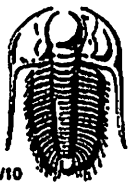
Interval Tested 3736-3756 Zone Tested LKC "E-F"
 Anchor Length 20 Drill Pipe Run 3536 Mud Wt. 9.0
 Top Packer Depth 3731 Drill Collars Run 177 Vis 43
 Bottom Packer Depth 3736 Wt. Pipe Run - WL 6.0
 Total Depth 3756 Chlorides 900 ppm System LCM 2
 Blow Description IF: 1/8" Blow at open, built to 1/4"
ISI: No blowback
FF: No blow
FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud w/oil spots</u>	<u>1</u>	<u>-</u>	<u>99</u>	<u>99</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1803</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>00:45</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1:11</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>3:49</u>
(D) Initial Shut-In <u>602</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>5:54</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>8:00</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT</u> 100	Comments <u>EM Tool</u>
(G) Final Shut-In <u>294</u>	<input type="checkbox"/> Sampler _____	<u>350</u>
(H) Final Hydrostatic <u>1801</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>350</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1825</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1475</u>	

Approved By [Signature] Our Representative James Windsor
 Tribolite 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. 64077

Well Name & No. Slipke Trust 'A' #1-24 Test No. 4 Date 8-29-18
 Company Cobalt Energy LLC Elevation 2612 KB 2607 GL
 Address 115 s Belmont #12 PO Box 8037 Wichita, KS 67208-0037
 Co. Rep / Geo. Larry Nicholson Rig Murfin #8
 Location: Sec. 24 Twp 6S Rge. 26W Co. Sheridan State KS

Interval Tested 3783-3840 Zone Tested LKC "H-J"
 Anchor Length 57 Drill Pipe Run 3599 Mud Wt. 9.0
 Top Packer Depth 3778 Drill Collars Run 177 Vis 52
 Bottom Packer Depth 3783 Wt. Pipe Run - WL 6.0
 Total Depth 3840 Chlorides 1000 ppm System LCM 2

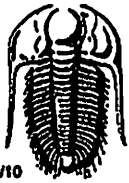
Blow Description IF: Blow built to 6 1/4"
ISI: No blowback
FF: Blow built to 4 3/4"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>33</u>	<u>WCM w/trace oil</u>	<u>trace</u>	<u>24</u>	<u>76</u>	<u></u>
<u>177</u>	<u>MW w/trace oil</u>	<u>trace</u>	<u>52</u>	<u>48</u>	<u></u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 210 BHT 108 Gravity _____ API RW 269 @ 61.4 °F Chlorides 30,000 ppm

(A) Initial Hydrostatic 1848 Test 1050 T-On Location 18:00
 (B) First Initial Flow 22 Jars 250 T-Started 18:31
 (C) First Final Flow 85 Safety Joint 75 T-Open 20:56
 (D) Initial Shut-In 1057 Circ Sub _____ T-Pulled 23:45
 (E) Second Initial Flow 91 Hourly Standby _____ T-Out 2:00
 (F) Second Final Flow 117 Mileage 100RT 100 Comments EMTool
 (G) Final Shut-In 1011 Sampler _____ 350
 (H) Final Hydrostatic 1842 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Accessibility _____
 Sub Total 1475 Sub Total 350
 Total 1825 MP/DST Disc't _____

Approved By _____ Our Representative James Wenden
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64078

Well Name & No. Slipke Trust 'A' #1-24 Test No. 5 Date 8-30-18
 Company Cobalt Energy LLC Elevation 2612 KB 2607 GL
 Address 115 S. Belmont #12 PO Box 8037 Wichita, KS 67208-0037
 Co. Rep / Geo. Larry Nicholson Rig Murfin #8
 Location: Sec. 24 Twp 6s Rge. 26w Co. Sheridan State KS

Interval Tested 3848-3881 Zone Tested LKC "J-K"
 Anchor Length 33 Drill Pipe Run 3661 Mud Wt. 9.1
 Top Packer Depth 3843 Drill Collars Run 177 Vls 54
 Bottom Packer Depth 3848 Wt. Pipe Run - WL 6.4
 Total Depth 3881 Chlorides 1300 ppm System LCM 2
 Blow Description IF: Blow built to 8"
ISI: No blowback
FF: Blow built to 6"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>105</u>	<u>CGO</u>	<u>8</u>	<u>89</u>	<u>3</u>	<u>0</u>
<u>15</u>	<u>500M</u>	<u>15</u>	<u>24</u>	<u>61</u>	<u>0</u>
<u> </u>	<u>65' + GIP</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 120 BHT 106 Gravity 34.4 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1907 Test 1050 T-On Location 10:00
 (B) First Initial Flow 25 Jars 250 T-Started 10:34
 (C) First Final Flow 44 Safety Joint 75 T-Open 13:14
 (D) Initial Shut-In 268 Circ Sub T-Pulled 16:32
 (E) Second Initial Flow 47 Hourly Standby T-Out 18:45
 (F) Second Final Flow 61 Mileage 100RT 100 Comments EM Tool
 (G) Final Shut-In 239 Sampler 350
 (H) Final Hydrostatic 1834 Straddle
 Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 350
 Initial Shut-In 45 Day Standby Total 1825
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 90 Sub Total 1475

Approved By [Signature] Our Representative James Winder
 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.