



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources

36-17s-29w Lane Ks

Boomer 34-4

Job Ticket: 55592

DST#: 1

ATTN: Kurt Talbott

Test Start: 2014.01.13 @ 01:12:35

GENERAL INFORMATION:

Formation: **Lansing 140**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:40:05

Time Test Ended: 09:18:35

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: 4132.00 ft (KB) To 4165.00 ft (KB) (TVD)

Total Depth: 4165.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2792.00 ft (KB)

2787.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 125.45 psig @ 4133.00 ft (KB)

Start Date: 2014.01.13

End Date: 2014.01.13

Start Time: 01:12:40

End Time: 09:18:34

Capacity: 8000.00 psig

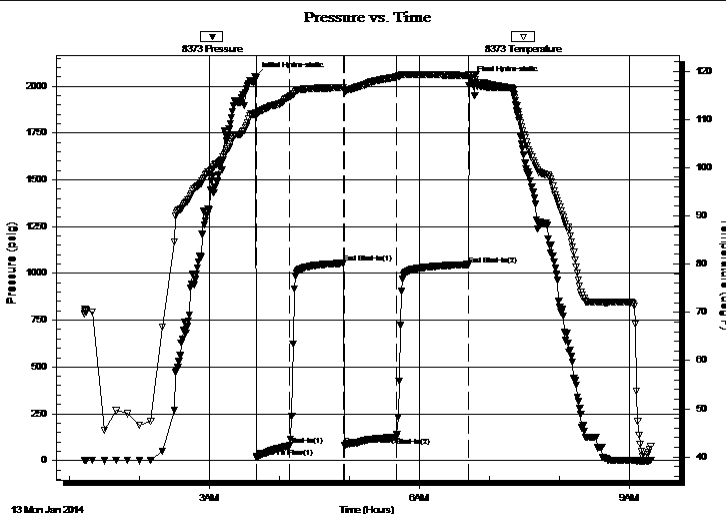
Last Calib.: 2014.01.13

Time On Btm: 2014.01.13 @ 03:39:05

Time Off Btm: 2014.01.13 @ 06:43:35

TEST COMMENT: IF: BOB in 24 min.
IS: No return.
FF: BOB in 35 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.00	111.05	Initial Hydro-static
1	16.34	110.74	Open To Flow (1)
30	79.05	114.67	Shut-In(1)
76	1054.50	116.51	End Shut-In(1)
77	81.97	115.99	Open To Flow (2)
121	125.45	118.75	Shut-In(2)
183	1047.02	119.10	End Shut-In(2)
185	2032.21	118.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	mw 50%w 50%m	0.30
122.00	w mco 50%o 10%w 40%m	0.60
90.00	mco 60%o 40%m	0.73

Gas Rates

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



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FLUID SUMMARY

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36-17s-29w Lane Ks

Boomer 34-4

Job Ticket: 55592

DST#: 1

ATTN: Kurt Talbott

Test Start: 2014.01.13 @ 01:12:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

70000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
61.00	mw 50%w 50%m	0.300
122.00	w mco 50%o 10%w 40%m	0.600
90.00	mco 60%o 40%m	0.725

Total Length: 273.00 ft Total Volume: 1.625 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

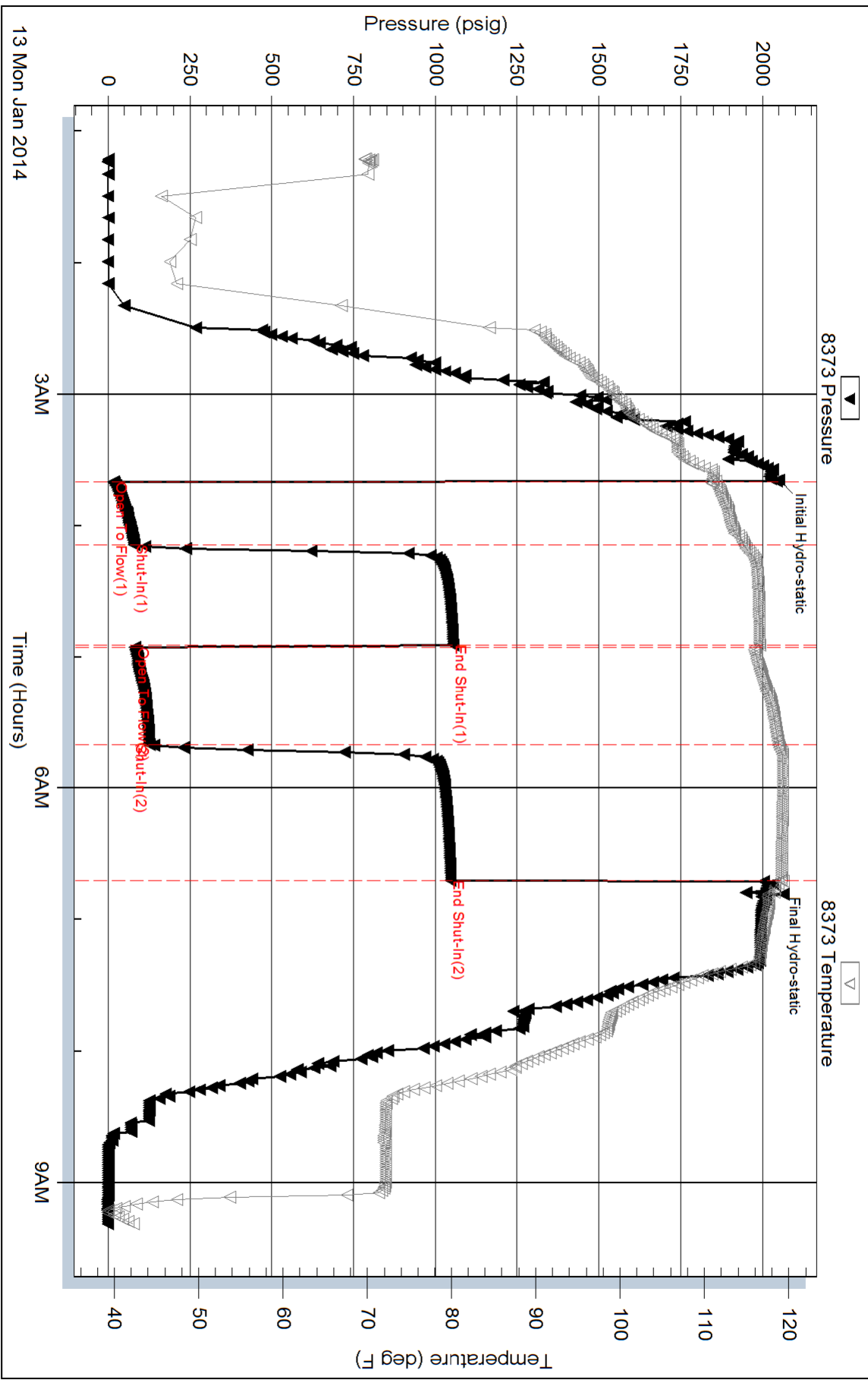
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .26@32=70000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources
P.O. Box 6149
Shreveport LA
71136
ATTN: Kurt Talbott

36-17s-29w Lane Ks

Boomer 34-4

Job Ticket: 56728

DST#: 2

Test Start: 2014.01.13 @ 17:45:15

GENERAL INFORMATION:

Formation: **Lansing 160**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:40:15

Time Test Ended: 01:24:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4171.00 ft (KB) To 4200.00 ft (KB) (TVD)

Reference Elevations: 2792.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2787.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846 Outside

Press @ Run Depth: 443.36 psig @ 4175.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.13

End Date:

2014.01.14

Last Calib.:

2014.01.14

Start Time:

17:45:15

End Time:

01:24:45

Time On Btm:

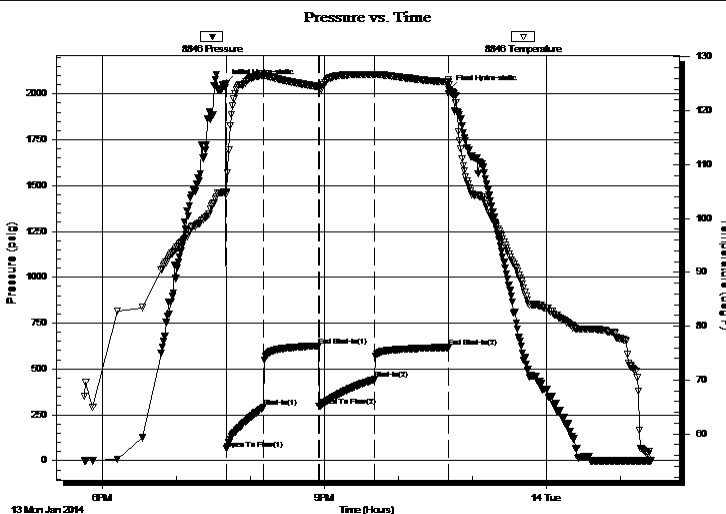
2014.01.13 @ 19:39:45

Time Off Btm:

2014.01.13 @ 22:40:45

TEST COMMENT: IF:BOB in 4 min.
IS:No return blow
FF:BOB in 8 min.
FS:Built to weak surface blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2056.44	104.98	Initial Hydro-static
1	64.31	104.70	Open To Flow (1)
31	290.92	126.54	Shut-In(1)
76	625.82	124.48	End Shut-In(1)
76	295.71	124.34	Open To Flow (2)
121	443.36	126.71	Shut-In(2)
181	617.63	125.32	End Shut-In(2)
181	2024.89	124.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
242.00	sw 100%sw	1.19
248.00	mcw 20%m 80%w	3.48
248.00	w cm 50%w 50%m	3.48
248.00	ocw m 2%o 48%w 50%m	3.48
2.00	free oil	0.03

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources
P.O. Box 6149
Shreveport LA
71136
ATTN: Kurt Talbott

36-17s-29w Lane Ks
Boomer 34-4
Job Ticket: 56728 **DST#: 2**
Test Start: 2014.01.13 @ 17:45:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 23000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

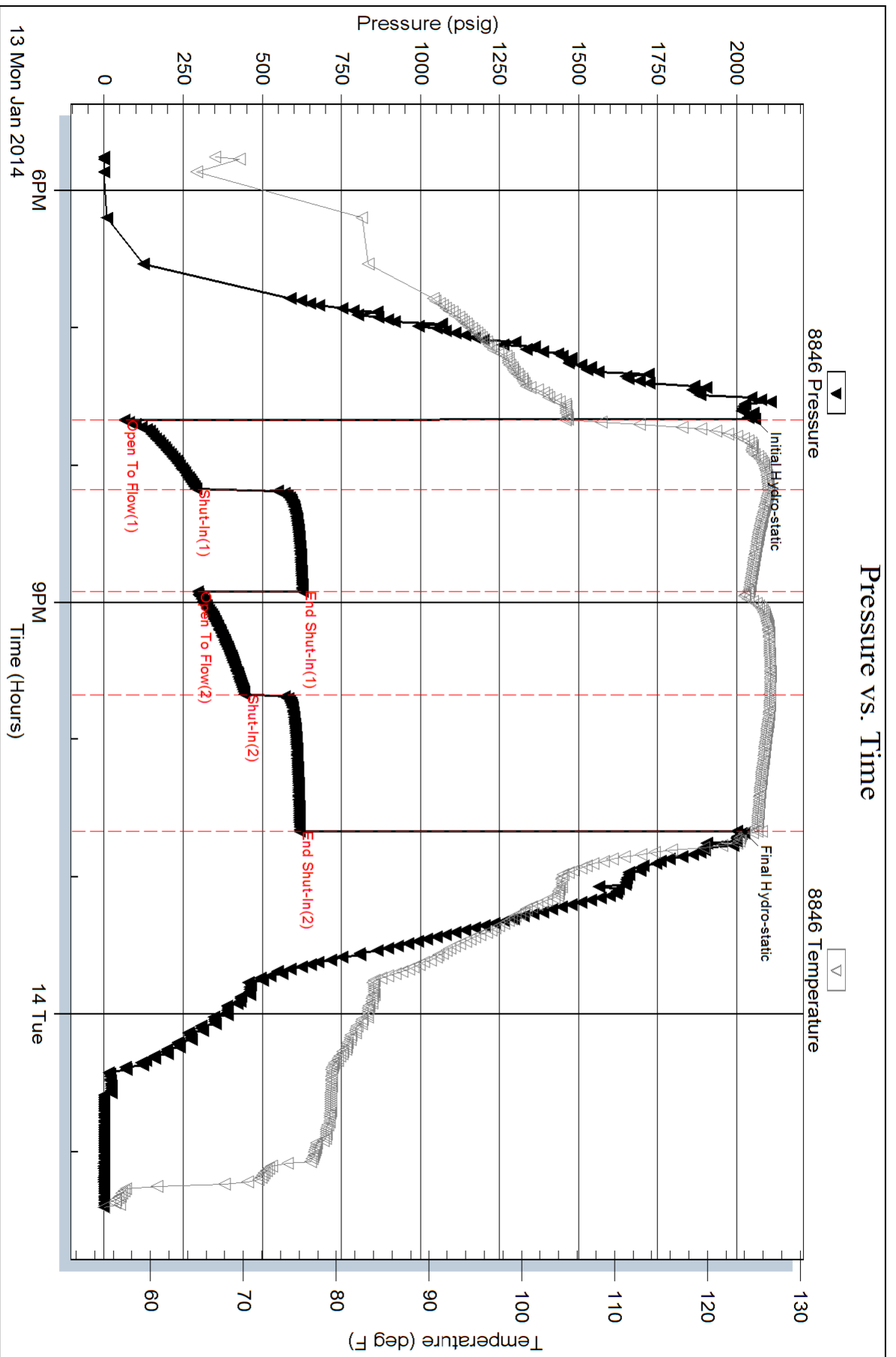
Length ft	Description	Volume bbl
242.00	sw 100%sw	1.190
248.00	mcw 20%m 80%w	3.479
248.00	w cm 50%w 50%m	3.479
248.00	ocw m 2%o 48%w 50%m	3.479
2.00	free oil	0.028

Total Length: 988.00 ft Total Volume: 11.655 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW= .575@43.9=23,000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources
 P.O. Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

36-17s-29w Lane, KS
Boomhower #34-4
 Job Ticket: 55593 **DST#: 3**
 Test Start: 2014.01.14 @ 11:00:12

GENERAL INFORMATION:

Formation: **Lansing 180**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:47:42
 Time Test Ended: 17:38:42
 Interval: **4207.00 ft (KB) To 4240.00 ft (KB) (TVD)**
 Total Depth: 4240.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2792.00 ft (KB)
 2787.00 ft (CF)
 KB to GR/CF: 5.00 ft

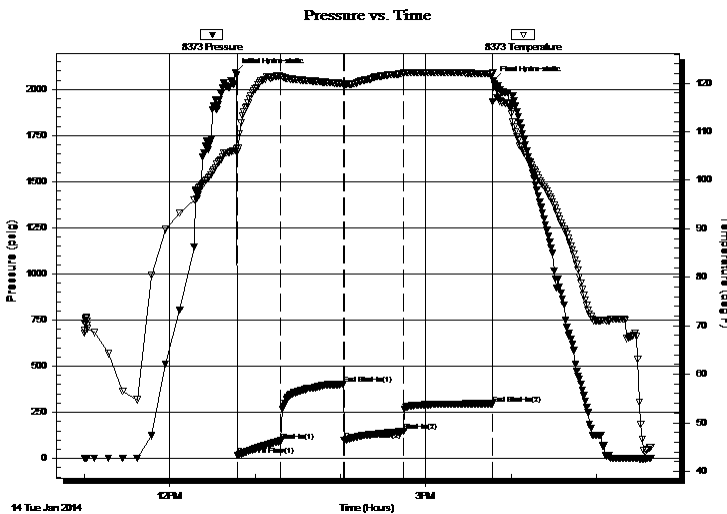
Serial #: 8373

Inside

Press @ Run Depth: 147.01 psig @ 4208.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.14 End Date: 2014.01.14 Last Calib.: 2014.01.14
 Start Time: 11:00:17 End Time: 17:38:41 Time On Btm: 2014.01.14 @ 12:46:12
 Time Off Btm: 2014.01.14 @ 15:47:42

TEST COMMENT: IF: 1/4 blow built to 8.
 IS: No return.
 FF: Surface blow built to 4.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.97	106.04	Initial Hydro-static
2	16.37	105.93	Open To Flow (1)
32	95.29	121.36	Shut-In(1)
76	403.26	119.94	End Shut-In(1)
77	98.46	119.70	Open To Flow (2)
119	147.01	122.07	Shut-In(2)
181	297.32	121.89	End Shut-In(2)
182	2045.33	120.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	0.61
124.00	mcw 80%w 20%m	0.66

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources

36-17s-29w Lane,KS

P.O. Box 6149
Shreveport LA 71136

Boomhower #34-4

Job Ticket: 55593

DST#: 3

ATTN: Kurt Talbott

Test Start: 2014.01.14 @ 11:00:12

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

66000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	mcw 90%w 10%m	0.610
124.00	mcw 80%w 20%m	0.664

Total Length: 248.00 ft Total Volume: 1.274 bbl

Num Fluid Samples: 0

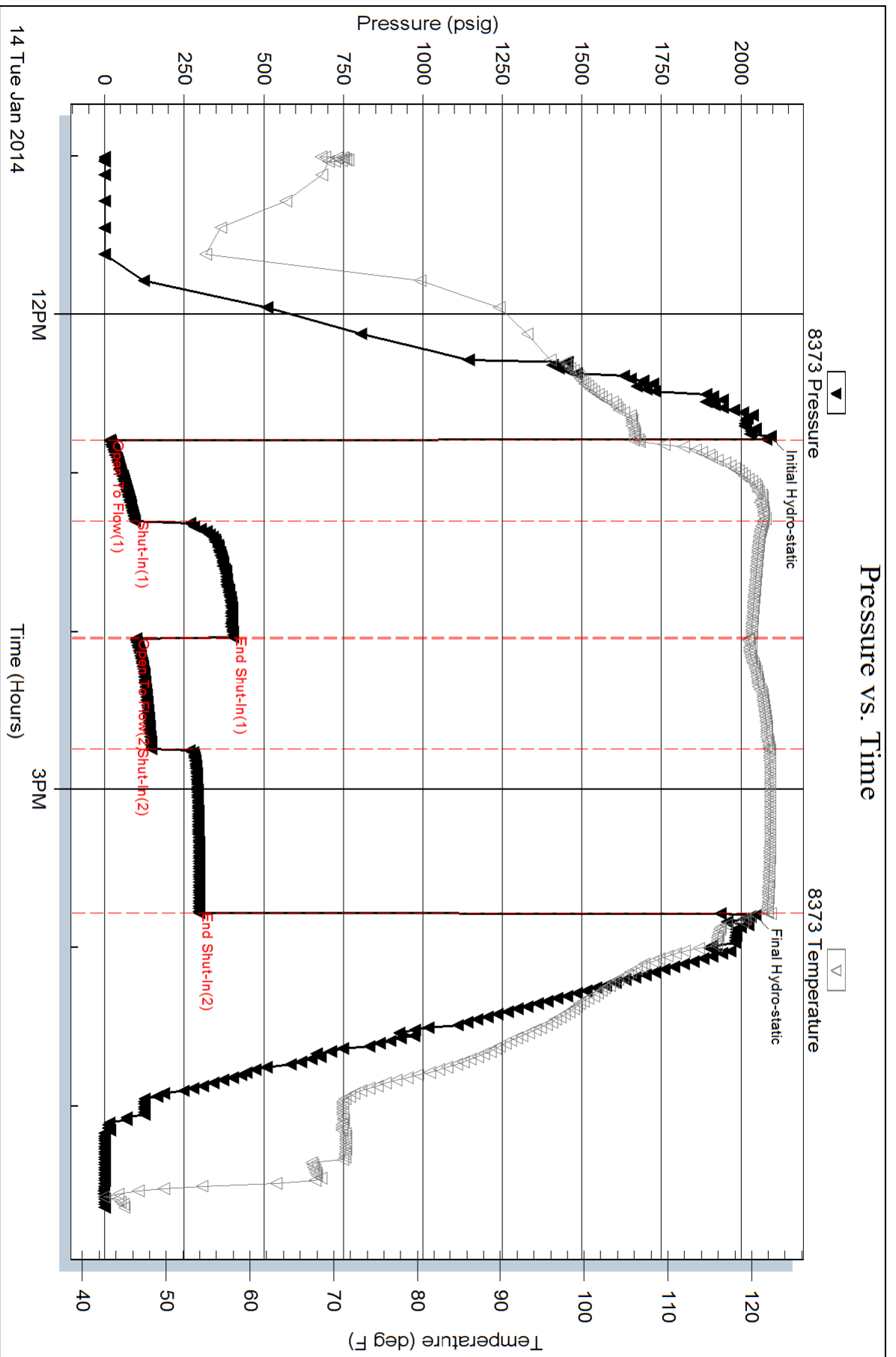
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .20@42=66000





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DRILL STEM TEST REPORT

O'Brien Resources
 P.O. Box 6149
 Shreveport LA
 71136
 ATTN: Kurt Talbott

36-17s-29w Lane Ks

Boomer 34-4

Job Ticket: 55594

DST#: 4

Test Start: 2014.01.15 @ 03:14:21

GENERAL INFORMATION:

Formation: **200**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:25:21
 Time Test Ended: 10:49:51
 Interval: **4232.00 ft (KB) To 4275.00 ft (KB) (TVD)**
 Total Depth: 4275.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2792.00 ft (KB)
 2787.00 ft (CF)
 KB to GR/CF: 5.00 ft

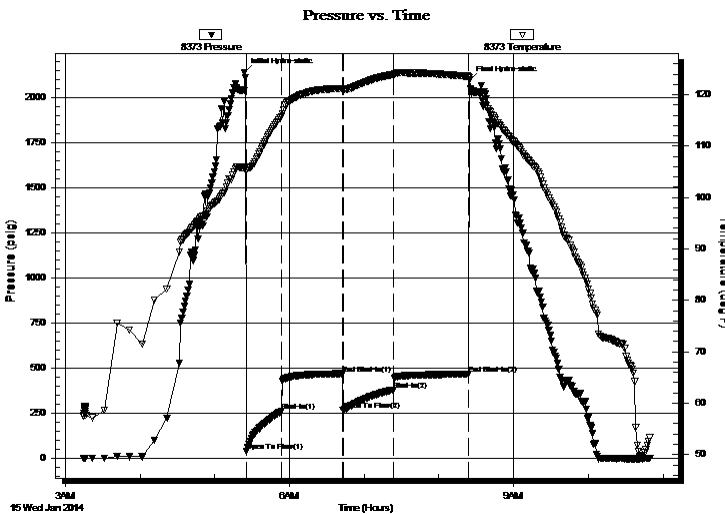
Serial #: 8373

Inside

Press @ Run Depth: 380.26 psig @ 4233.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.15 End Date: 2014.01.15 Last Calib.: 2014.01.15
 Start Time: 03:14:26 End Time: 10:49:50 Time On Btm: 2014.01.15 @ 05:23:51
 Time Off Btm: 2014.01.15 @ 08:24:21

TEST COMMENT: IF: BOB in 4 min.
 IS: No return.
 FF: BOB in 12 min.
 FS: Surface blow built to 2.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.13	105.70	Initial Hydro-static
2	41.49	105.46	Open To Flow (1)
30	261.46	115.75	Shut-In(1)
79	469.74	121.19	End Shut-In(1)
79	265.71	121.09	Open To Flow (2)
120	380.26	123.90	Shut-In(2)
180	467.05	123.57	End Shut-In(2)
181	2094.69	123.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 95%w 5%m	1.27
186.00	mcw 90%w 10%m	2.61
186.00	ocmw 5%o 85%w 10%m	2.61
155.00	ocmw 10%o 60%w 30%m	2.17
31.00	go 10%g 90%o	0.43
0.00	62 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

O Brien Resources
P.O. Box 6149
Shreveport LA
71136
ATTN: Kurt Talbott

36-17s-29w Lane Ks
Boomer 34-4
Job Ticket: 55594 **DST#: 4**
Test Start: 2014.01.15 @ 03:14:21

Mud and Cushion Information

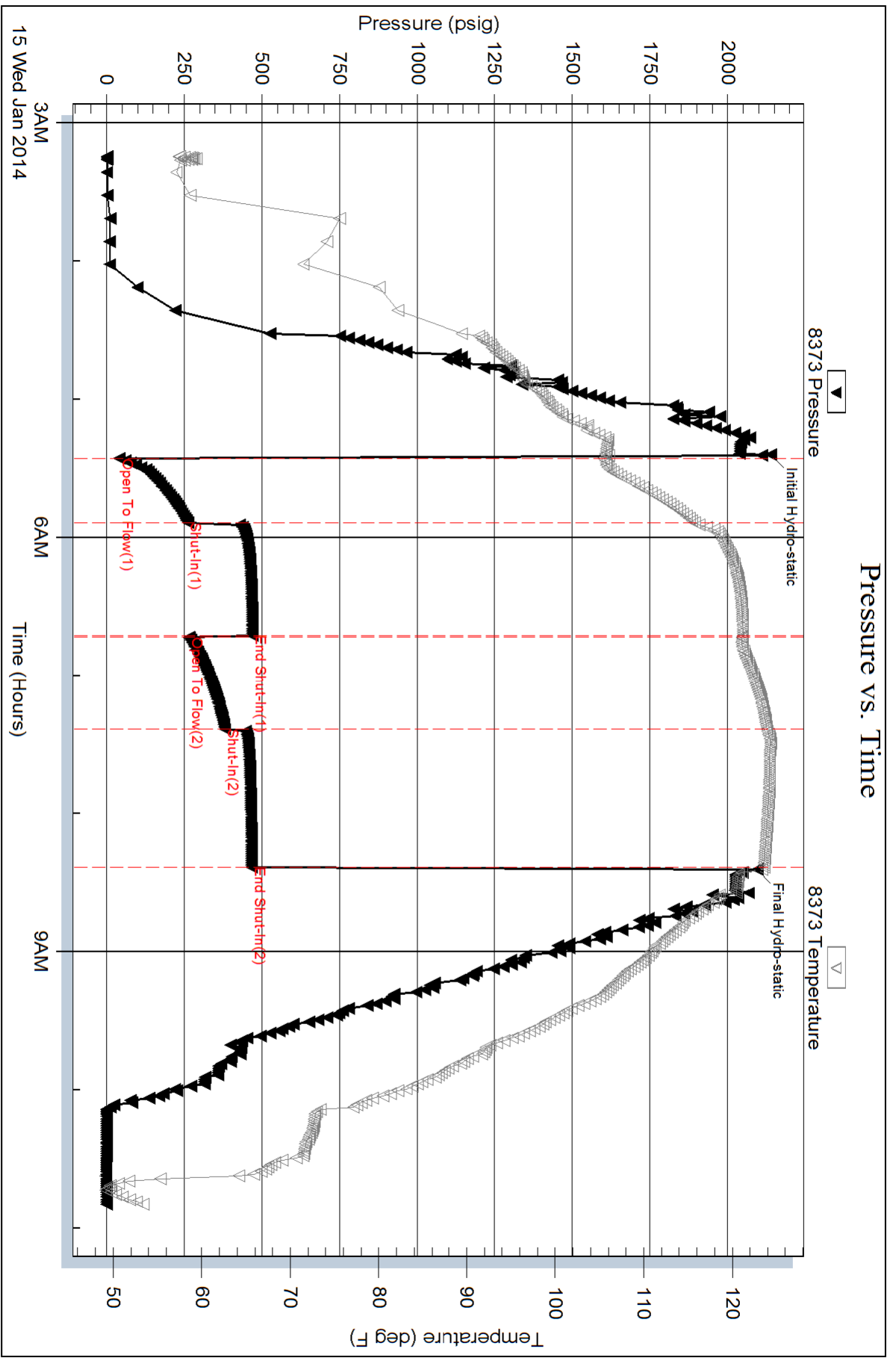
Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 59000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.00 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	mcw 95%w 5%m	1.274
186.00	mcw 90%w 10%m	2.609
186.00	ocmw 5%o 85%w 10%m	2.609
155.00	ocmw 10%o 60%w 30%m	2.174
31.00	go 10%g 90%o	0.435
0.00	62 GIP	0.000

Total Length: 806.00 ft Total Volume: 9.101 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 34@50=35
 .20@46=59000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

O Brien Resources
 P.O. Box 6149
 Shreveport LA 71136
 ATTN: Kurt Talbott

36-17s-29w Lane Ks
Boomhower #36-4
 Job Ticket: 55595 **DST#: 5**
 Test Start: 2014.01.16 @ 00:12:34

GENERAL INFORMATION:

Formation: **Pleasanton Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:37:04
 Time Test Ended: 08:57:34
 Interval: **4321.00 ft (KB) To 4349.00 ft (KB) (TVD)**
 Total Depth: 4349.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2792.00 ft (KB)
 2787.00 ft (CF)
 KB to GR/CF: 5.00 ft

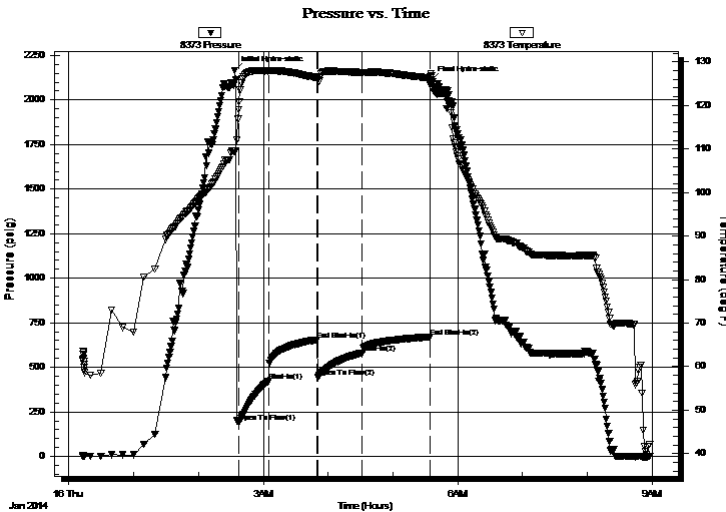
Serial #: 8373

Inside

Press@RunDepth: 581.22 psig @ 4322.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.16 End Date: 2014.01.16 Last Calib.: 2014.01.16
 Start Time: 00:12:39 End Time: 08:57:34 Time On Btm: 2014.01.16 @ 02:33:34
 Time Off Btm: 2014.01.16 @ 05:35:04

TEST COMMENT: IF: BOB in 1 min.
 IS: BOB in 5 min.
 FF: BOB in 2 min.
 FS: BOB in 12 min. Gas to Surface.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.11	109.51	Initial Hydro-static
4	192.29	118.97	Open To Flow (1)
31	421.75	127.93	Shut-In(1)
76	654.82	126.38	End Shut-In(1)
77	445.78	125.64	Open To Flow (2)
118	581.22	127.53	Shut-In(2)
181	670.20	126.31	End Shut-In(2)
182	2109.68	127.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcgo 10%g 80%o 10%m	0.61
1116.00	go 40%g 60%o	14.58
403.00	go 30%g 70%o	5.65

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources

36-17s-29w Lane Ks

P.O. Box 6149
Shreveport LA 71136

Boomer #36-4

Job Ticket: 55595

DST#: 5

ATTN: Kurt Talbott

Test Start: 2014.01.16 @ 00:12:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcgo 10%g 80%o 10%m	0.610
1116.00	go 40%g 60%o	14.580
403.00	go 30%g 70%o	5.653

Total Length: 1643.00 ft Total Volume: 20.843 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

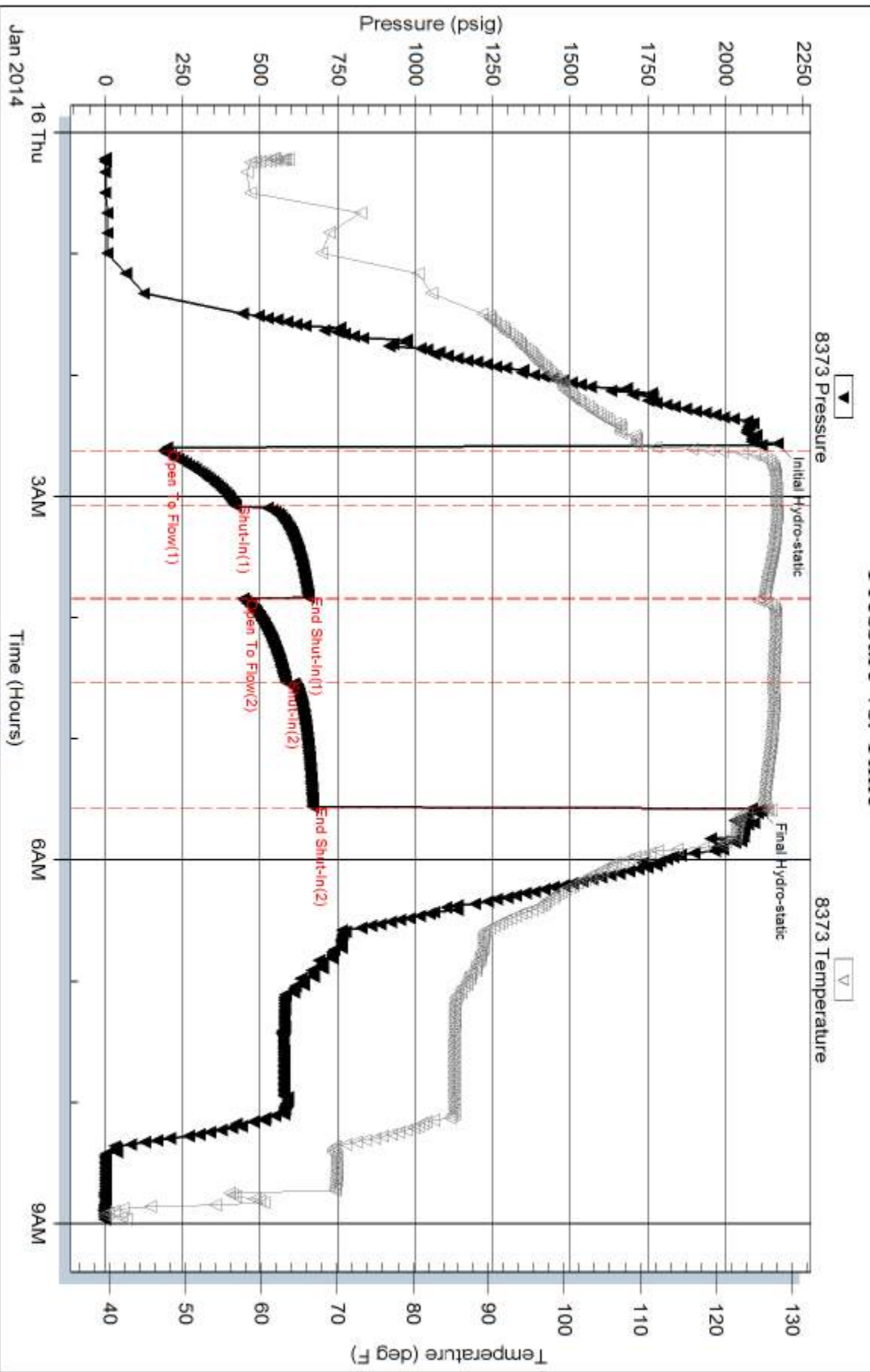
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 36@40=38

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources
 P.O. Box 6149
 Shreveport LA
 71136
 ATTN: Kurt Talbott

36-17s-29w Lane Ks

Boomer 34-4

Job Ticket: 55596

DST#: 6

Test Start: 2014.01.16 @ 23:44:59

GENERAL INFORMATION:

Formation: **Altamont pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:21:29
 Time Test Ended: 06:25:59
 Interval: **4371.00 ft (KB) To 4475.00 ft (KB) (TVD)**
 Total Depth: 4475.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2792.00 ft (KB)
 2787.00 ft (CF)
 KB to GR/CF: 5.00 ft

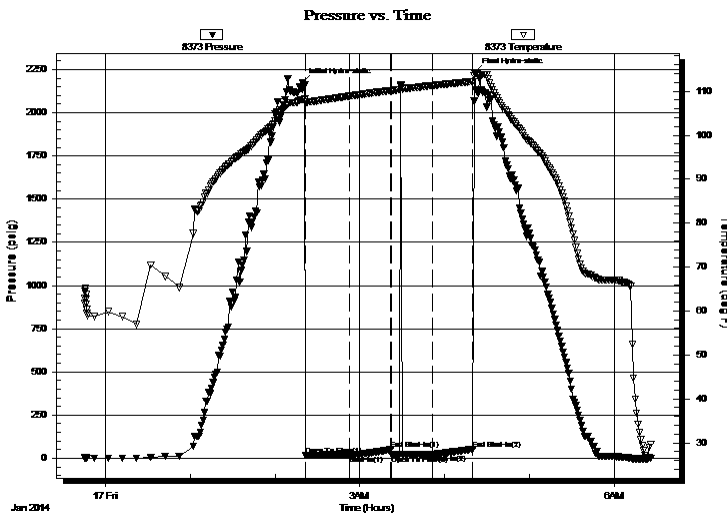
Serial #: 8373

Inside

Press@RunDepth: 25.04 psig @ 4372.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.16 End Date: 2014.01.17 Last Calib.: 2014.01.17
 Start Time: 23:45:04 End Time: 06:25:58 Time On Btm: 2014.01.17 @ 02:19:29
 Time Off Btm: 2014.01.17 @ 04:21:29

TEST COMMENT: IF: Surface blow died in 8 min.
 IS: No return.
 FF: No blow. Flushed tool surface blow died in 10 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.96	108.14	Initial Hydro-static
2	18.36	107.57	Open To Flow (1)
33	19.92	108.88	Shut-In(1)
63	50.73	110.16	End Shut-In(1)
63	20.10	110.15	Open To Flow (2)
92	25.04	111.27	Shut-In(2)
121	53.45	112.24	End Shut-In(2)
122	2233.47	114.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% _m	0.05

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources

36-17s-29w Lane Ks

P.O. Box 6149
Shreveport LA
71136

Boomer 34-4

Job Ticket: 55596

DST#: 6

ATTN: Kurt Talbott

Test Start: 2014.01.16 @ 23:44:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

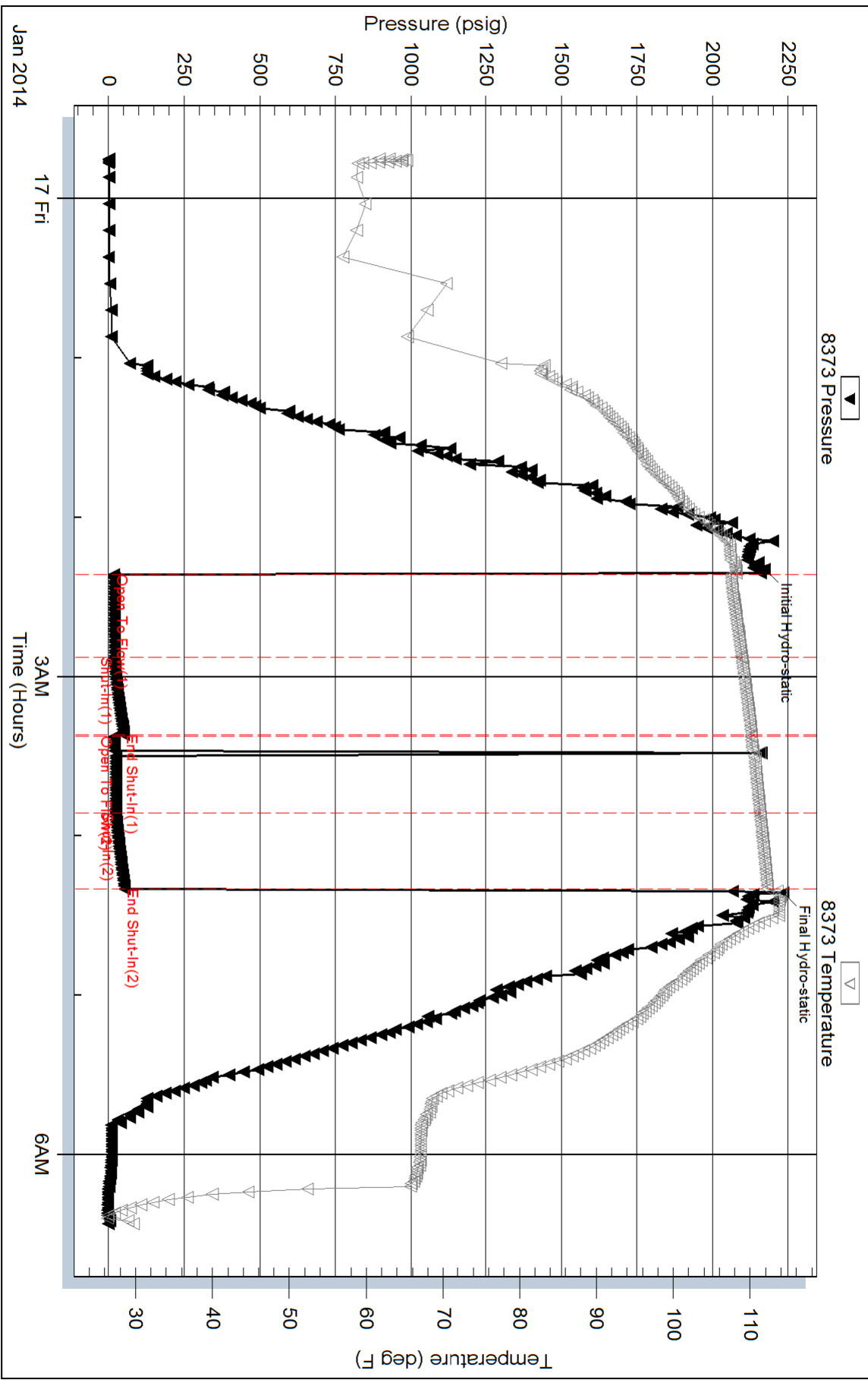
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources
 P.O. Box 6149
 Shreveport LA
 71136
 ATTN: Kurt Talbott

36-17s-29w Lane Ks

Boomer 36-4

Job Ticket: 55597

DST#: 7

Test Start: 2014.01.17 @ 17:26:44

GENERAL INFORMATION:

Formation: **Ft. Scott Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:25:14

Time Test Ended: 00:51:44

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4470.00 ft (KB) To 4525.00 ft (KB) (TVD)

Reference Elevations: 2792.00 ft (KB)

Total Depth: 4525.00 ft (KB) (TVD)

2787.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 126.32 psig @ 4471.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.17

End Date:

2014.01.18

Last Calib.:

2014.01.18

Start Time:

17:26:49

End Time:

00:51:43

Time On Btm:

2014.01.17 @ 19:24:44

Time Off Btm:

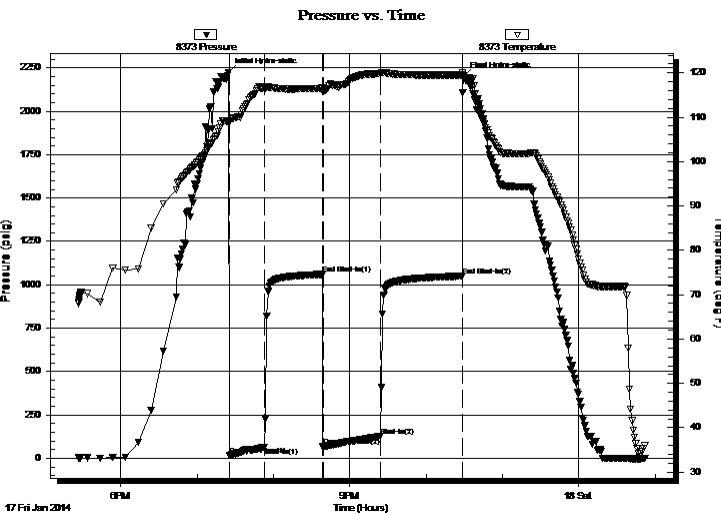
2014.01.17 @ 22:29:14

TEST COMMENT: IF: 1/4 blow built to 4.

IS: No return.

FF: Surface blow built to 4 1/2.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.78	109.25	Initial Hydro-static
1	16.00	108.77	Open To Flow (1)
28	63.65	116.52	Shut-In(1)
74	1059.85	116.54	End Shut-In(1)
75	68.08	116.02	Open To Flow (2)
119	126.32	119.87	Shut-In(2)
184	1050.34	119.50	End Shut-In(2)
185	2198.68	119.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocm 10%o 90%m	0.61
124.00	ocm 5%o 95%m	0.66

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources
P.O. Box 6149
Shreveport LA
71136
ATTN: Kurt Talbott

36-17s-29w Lane Ks
Boomer 36-4
Job Ticket: 55597 **DST#: 7**
Test Start: 2014.01.17 @ 17:26:44

Mud and Cushion Information

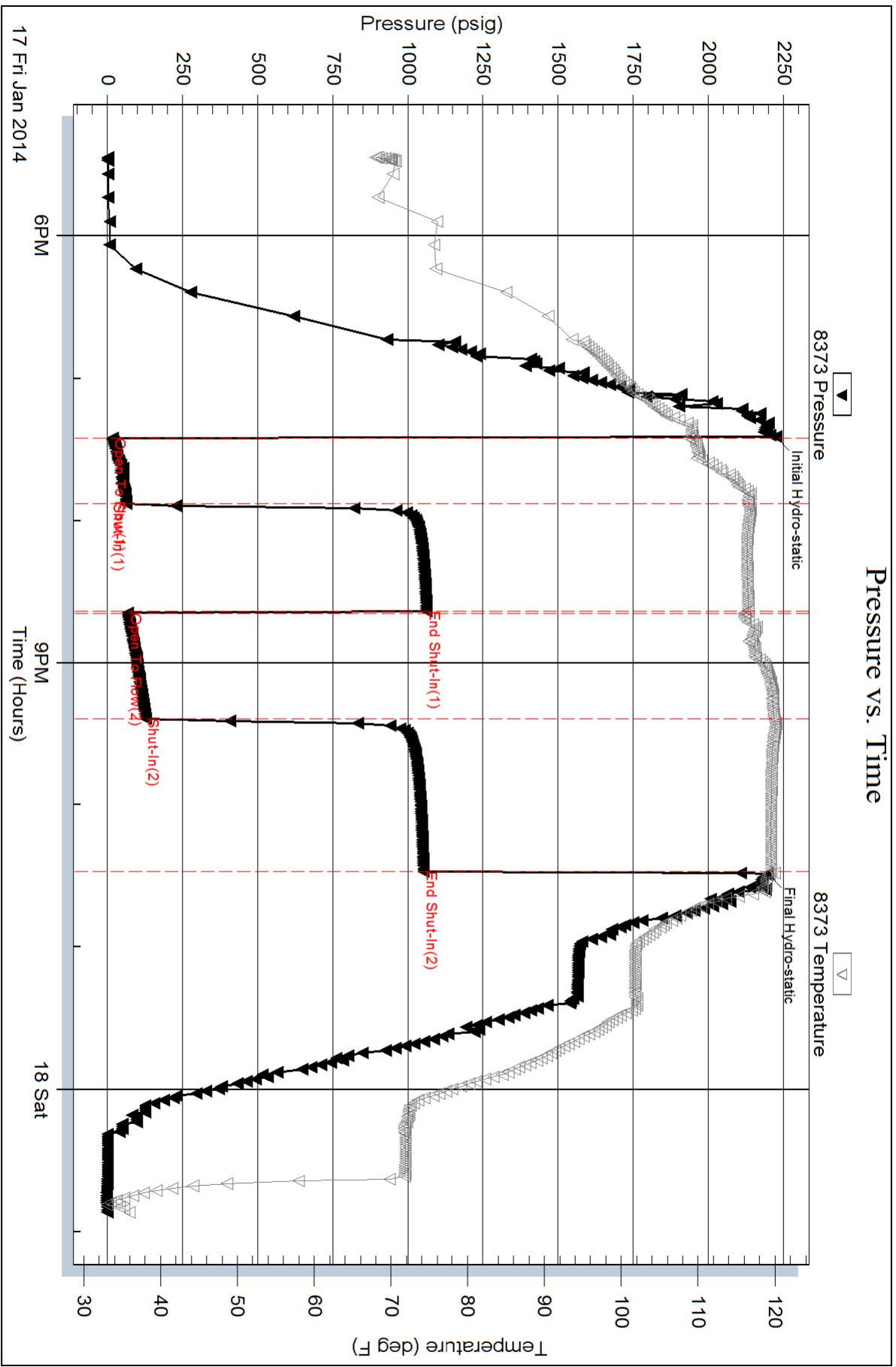
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	ocm 10%o 90%m	0.610
124.00	ocm 5%o 95%m	0.664

Total Length: 248.00 ft Total Volume: 1.274 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





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TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources
P.O. Box 6149
Shreveport LA
71136
ATTN: Kurt Talbott

36-17s-29w Lane Ks

Boomer 36-4

Job Ticket: 55598

DST#: 8

Test Start: 2014.01.18 @ 10:15:45

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:15:45

Time Test Ended: 17:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4526.00 ft (KB) To 4560.00 ft (KB) (TVD)

Total Depth: 4560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2792.00 ft (KB)

2787.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press @ RunDepth: 23.83 psig @ 4527.00 ft (KB)

Start Date: 2014.01.18

End Date:

2014.01.18

Start Time: 10:15:50

End Time:

17:40:44

Capacity: 8000.00 psig

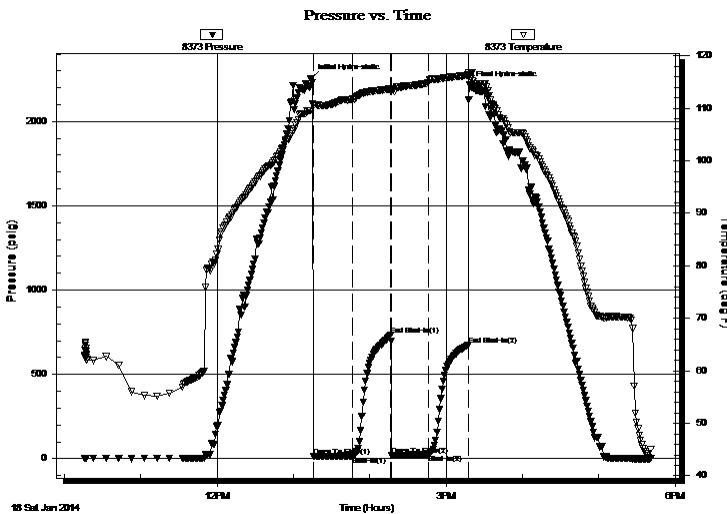
Last Calib.: 2014.01.18

Time On Btm: 2014.01.18 @ 13:13:45

Time Off Btm: 2014.01.18 @ 15:18:15

TEST COMMENT: IF: Surface blow died in 6 min.
IS: No return.
FF: No blow flushed tool no blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.90	109.47	Initial Hydro-static
2	13.73	110.62	Open To Flow (1)
33	17.04	111.71	Shut-In(1)
63	732.63	113.67	End Shut-In(1)
64	18.35	113.43	Open To Flow (2)
92	23.83	114.93	Shut-In(2)
124	674.43	116.28	End Shut-In(2)
125	2214.78	116.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

O Brien Resources

36-17s-29w Lane Ks

P.O. Box 6149
Shreveport LA
71136

Boomer 36-4

Job Ticket: 55598

DST#: 8

ATTN: Kurt Talbott

Test Start: 2014.01.18 @ 10:15:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	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:

