



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

P.O.Box 6149
Shreveport LA 71136

ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 54725

DST#: 1

Test Start: 2014.01.10 @ 09:53:15

GENERAL INFORMATION:

Formation: **H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:21:45

Time Test Ended: 17:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4086.00 ft (KB) To 4185.00 ft (KB) (TVD)

Reference Elevations: 2724.00 ft (KB)

Total Depth: 4185.00 ft (KB) (TVD)

2714.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8846 Outside

Press@RunDepth: 370.98 psig @ 4155.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.10

End Date:

2014.01.10

Last Calib.: 2014.01.10

Start Time: 09:53:15

End Time:

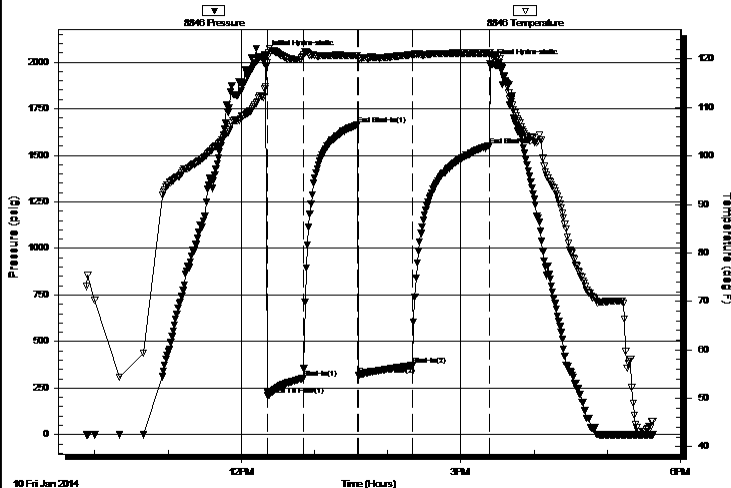
17:37:15

Time On Btm: 2014.01.10 @ 12:20:00

Time Off Btm: 2014.01.10 @ 15:24:00

TEST COMMENT: IF:BOB in 1 min.
IS:No return blow
FF:BOB in 10 min.
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

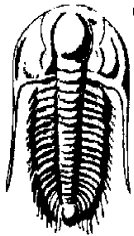
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.41	114.30	Initial Hydro-static
2	212.36	120.46	Open To Flow (1)
31	302.68	120.78	Shut-In(1)
76	1665.56	120.66	End Shut-In(1)
76	317.34	120.28	Open To Flow (2)
121	370.98	120.88	Shut-In(2)
184	1552.81	121.24	End Shut-In(2)
184	1992.45	121.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
744.00	mud 100% m	10.44

Gas Rates

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

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1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 54725

DST#: 1

ATTN: Kurt Talbott

Test Start: 2014.01.10 @ 09:53:15

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:

0 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
744.00	mud 100% m	10.436

Total Length: 744.00 ft

Total Volume: bbl

Num Fluid Samples: 0

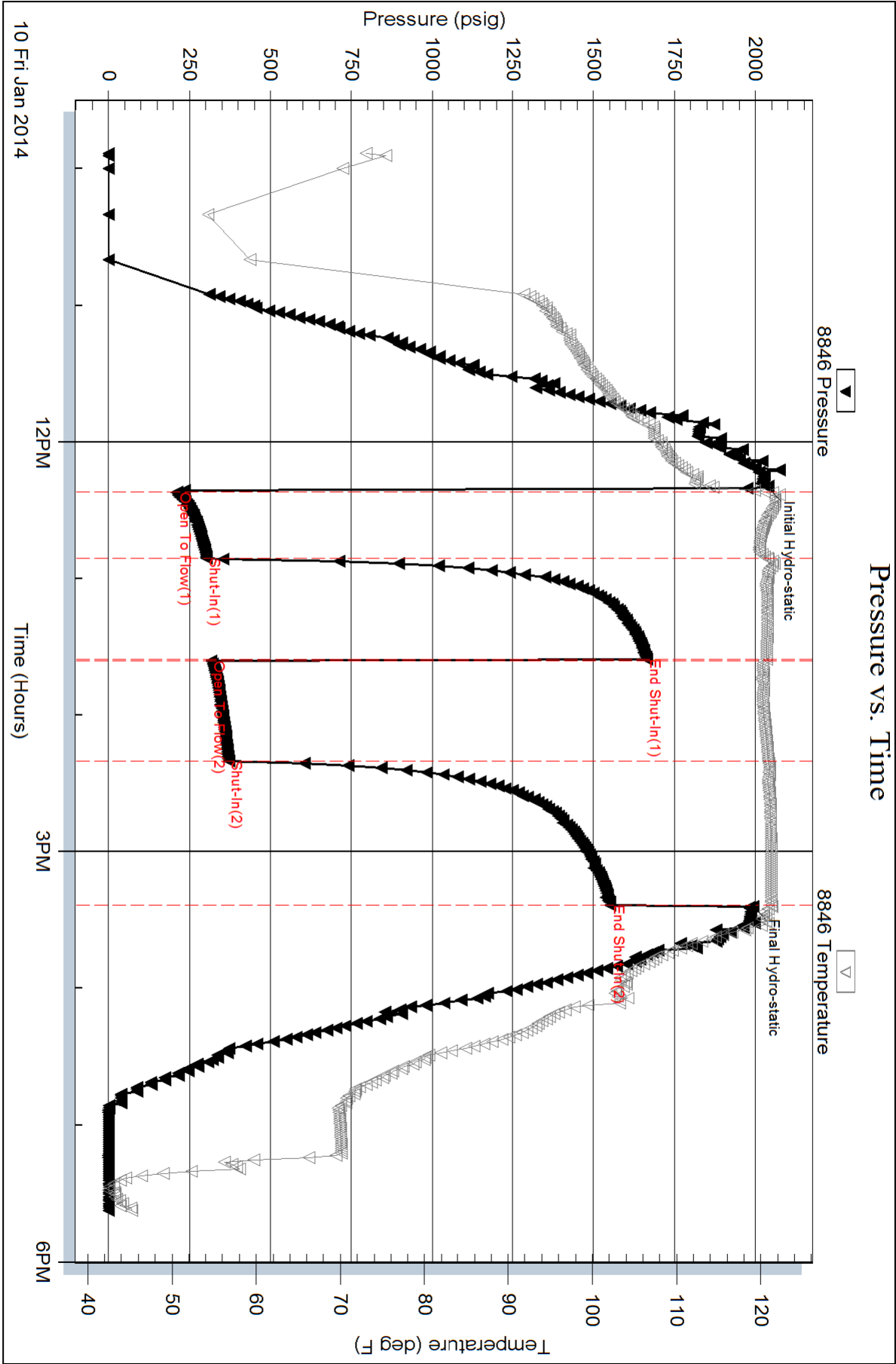
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



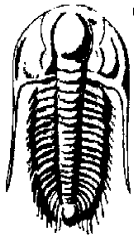


Test Start: 2014.01.13 @ 22:10:00

KB to GR/CF: 10.00 ft

Time Off Btm: 2014.01.14 @ 04:06:36

FSI: Bled off-No return



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FLUID SUMMARY

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
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Peck 1 #1

Job Ticket: 54564

DST#: 4

ATTN: Kurt Talbott

Test Start: 2014.01.13 @ 22:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.20 in³

Resistivity: 0.00 ohm.m

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Ocm 10o 90m	0.148
60.00	Ocm 5o 95m	0.842

Total Length: 90.00 ft

Total Volume: 0.990 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

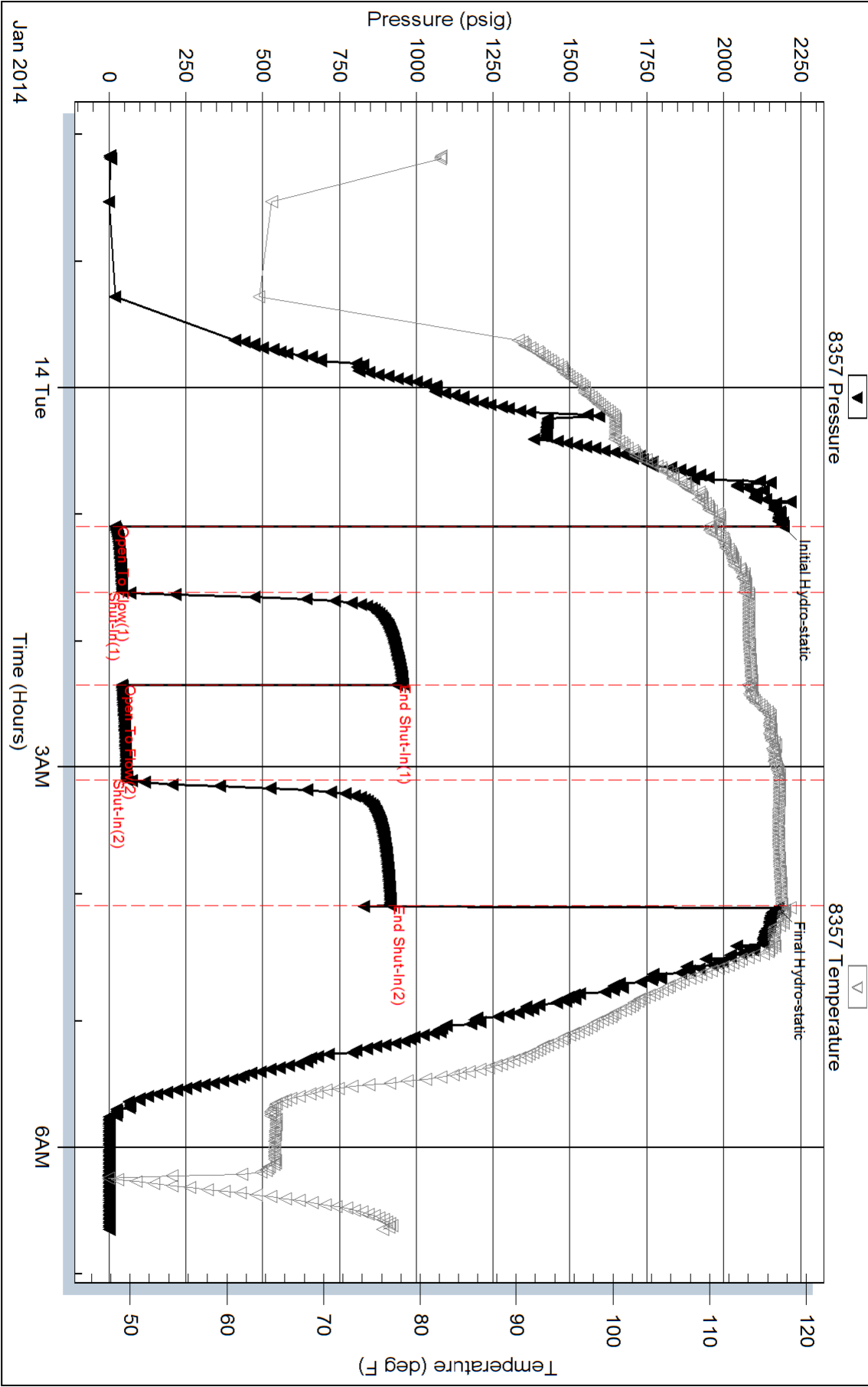
Serial #:

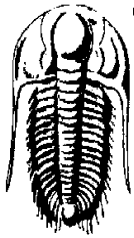
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 54563

DST#: 3

ATTN: Kurt Talbott

Test Start: 2014.01.12 @ 21:29:00

GENERAL INFORMATION:

Formation: **Pawnee-Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:05:00

Time Test Ended: 04:52:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 62

Interval: **4380.00 ft (KB) To 4460.00 ft (KB) (TVD)**

Total Depth: 4460.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2724.00 ft (KB)

2714.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8357** Inside

Press@RunDepth: 27.99 psig @ 4383.00 ft (KB)

Start Date: 2014.01.12

End Date:

2014.01.13

Start Time: 21:29:05

End Time:

04:52:29

Capacity: 8000.00 psig

Last Calib.: 2014.01.13

Time On Btm: 2014.01.13 @ 00:04:48

Time Off Btm: 2014.01.13 @ 02:21:06

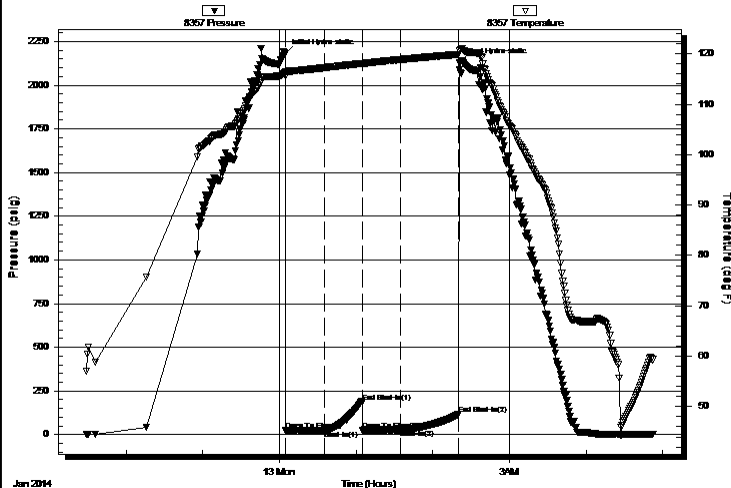
TEST COMMENT: IF: 1/2 in. Blow - Died in 28 1/2 min.

IS: No return

FF: No blow - Flushed tool- Good surge

FS: No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.50	116.47	Initial Hydro-static
1	23.72	115.71	Open To Flow (1)
31	26.64	117.23	Shut-In(1)
60	185.00	118.10	End Shut-In(1)
61	27.00	118.04	Open To Flow (2)
90	27.99	118.86	Shut-In(2)
136	117.24	119.88	End Shut-In(2)
137	2127.01	120.65	Final Hydro-static

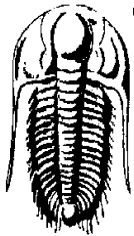
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Ocm 4o 96m	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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Peck 1 #1

Job Ticket: 54563

DST#: 3

ATTN: Kurt Talbott

Test Start: 2014.01.12 @ 21:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.60 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Ocm 4o 96m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

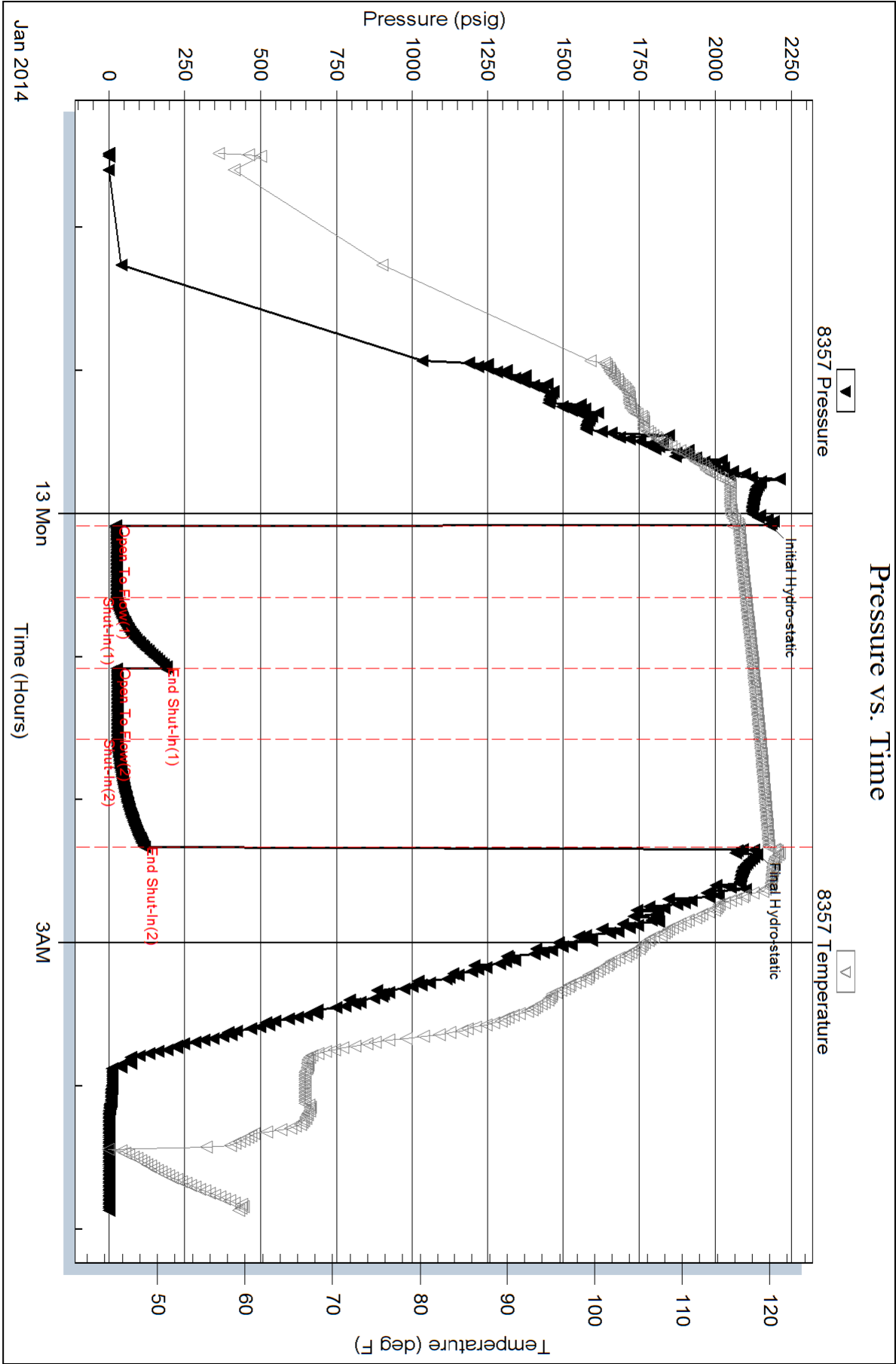
Num Gas Bombs: 0

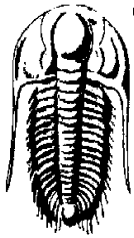
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 56726

DST#: 2

Test Start: 2014.01.11 @ 08:58:15

GENERAL INFORMATION:

Formation: **K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:00

Time Test Ended: 17:13:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4192.00 ft (KB) To 4270.00 ft (KB) (TVD)

Total Depth: 4270.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2724.00 ft (KB)

2714.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8737 Inside

Press@RunDepth: 2020.88 psig @ 4258.00 ft (KB)

Start Date: 2014.01.11

End Date:

2014.01.11

Start Time: 08:58:15

End Time:

17:13:00

Capacity: 8000.00 psig

Last Calib.: 2014.01.11

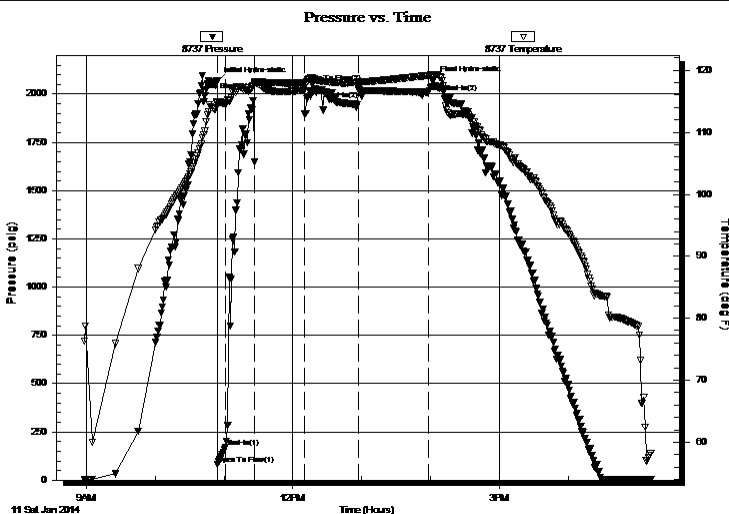
Time On Btm: 2014.01.11 @ 10:53:45

Time Off Btm: 2014.01.11 @ 14:02:15

TEST COMMENT: IF:BOB in 3 min.
IS:No return blow
FF:BOB in 1 min.
FS:No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.98	115.01	Initial Hydro-static
1	83.04	114.45	Open To Flow (1)
8	172.04	114.57	Shut-In(1)
33	2065.00	118.09	End Shut-In(1)
76	2057.00	116.79	Open To Flow (2)
124	2020.88	118.09	Shut-In(2)
185	2009.69	119.18	End Shut-In(2)
189	2067.69	119.29	Final Hydro-static



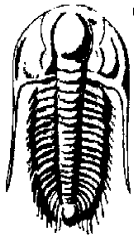
Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw 50% m 50% w	6.09
3534.00	mud 100% m	49.57

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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Peck 1 #1

Job Ticket: 56726

DST#: 2

ATTN: Kurt Talbott

Test Start: 2014.01.11 @ 08:58:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.58 in³

Resistivity: 0.00 ohm.m

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

0 deg API

Water Salinity: 18000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	mcw 50%m 50%w	6.088
3534.00	mud 100%m	49.573

Total Length: 3968.00 ft Total Volume: 55.661 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .354@76.3*=18,000 ppm

Pressure vs. Time

