



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS 67665

ATTN: Randy Kilian

Bitter #2

11-16s-14w Barton,KS

Start Date: 2014.03.27 @ 05:06:22

End Date: 2014.03.27 @ 12:11:42

Job Ticket #: 53688 DST #: 1

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

Printed: 2014.04.02 @ 10:54:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53688

DST#: 1

ATTN: Randy Kilian

Test Start: 2014.03.27 @ 05:06:22

GENERAL INFORMATION:

Formation: **LKC B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:16:22

Time Test Ended: 12:11:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 44

Interval: 3155.00 ft (KB) To 3200.00 ft (KB) (TVD)

Reference Elevations: 1936.00 ft (KB)

Total Depth: 3200.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8898 Outside

Press@RunDepth: 30.89 psig @ 3163.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.27 End Date: 2014.03.27

Last Calib.: 2014.03.27

Start Time: 05:06:23 End Time: 12:11:42

Time On Btm: 2014.03.27 @ 07:16:12

Time Off Btm: 2014.03.27 @ 11:03:12

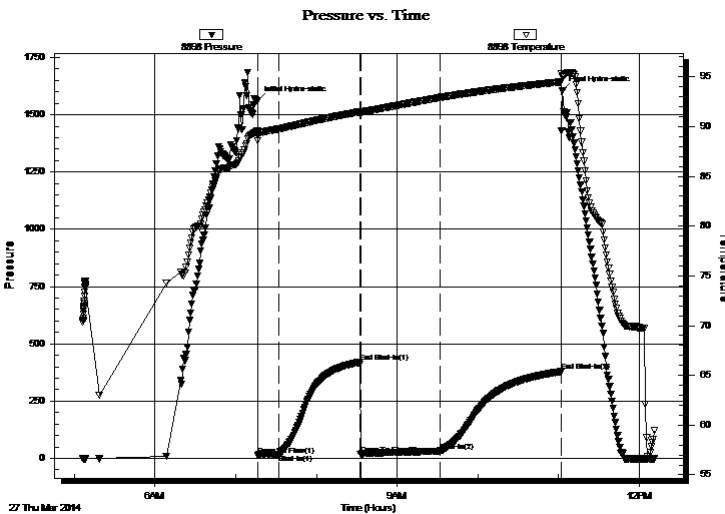
TEST COMMENT: Weak surface blow built to 3 1/2"

Dead no blow back

Strong blow built to 8"

Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1562.90	89.53	Initial Hydro-static
1	14.50	88.56	Open To Flow (1)
16	19.24	89.76	Shut-In(1)
76	419.62	91.47	End Shut-In(1)
77	19.17	91.41	Open To Flow (2)
136	30.89	92.90	Shut-In(2)
227	378.91	94.48	End Shut-In(2)
228	1605.92	94.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	10%O 45%W 45%M	0.21
20.00	20%O 10%W 70%M	0.28
0.00	85 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53688

DST#: 1

ATTN: Randy Kilian

Test Start: 2014.03.27 @ 05:06:22

Tool Information

Drill Pipe:	Length: 3154.00 ft	Diameter: 3.80 inches	Volume: 44.24 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3155.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3133.00	
Hydraulic tool	5.00			3138.00	
Jars	5.00			3143.00	
Safety Joint	3.00			3146.00	
Packer	5.00			3151.00	27.00 Bottom Of Top Packer
Packer	4.00			3155.00	
Stubb	1.00			3156.00	
Perforations	7.00			3163.00	
Recorder	0.00	8897	Inside	3163.00	
Recorder	0.00	8898	Outside	3163.00	
Change Over Sub	1.00			3164.00	
Drill Pipe	32.00			3196.00	
Change Over Sub	1.00			3197.00	
Bullnose	3.00			3200.00	45.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53688

DST#: 1

ATTN: Randy Kilian

Test Start: 2014.03.27 @ 05:06:22

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 7.18 in³
Resistivity: ohm.m
Salinity: 4900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	10%O 45%W 45%M	0.210
20.00	20%O 10%W 70%M	0.281
0.00	85 GIP	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

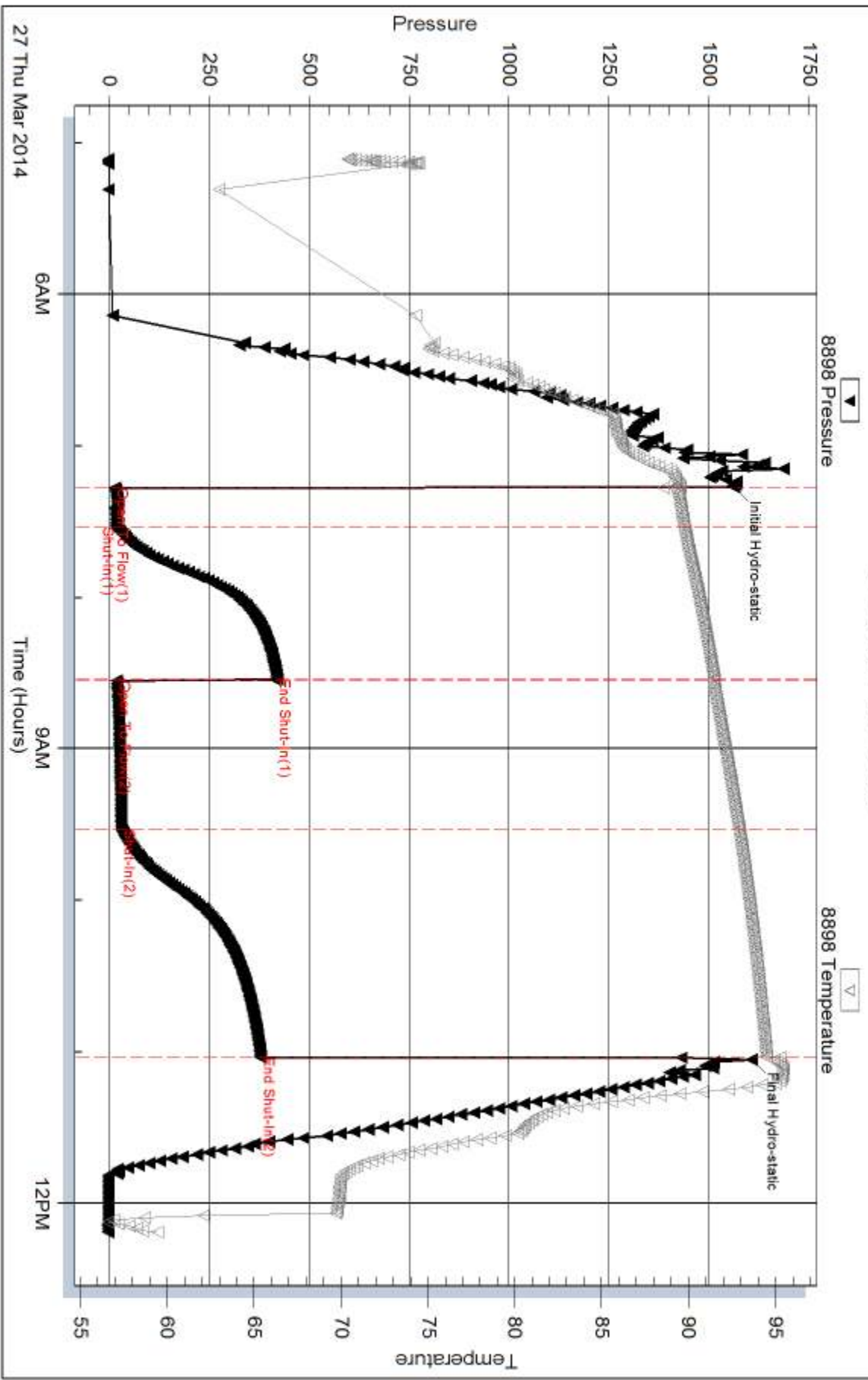
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



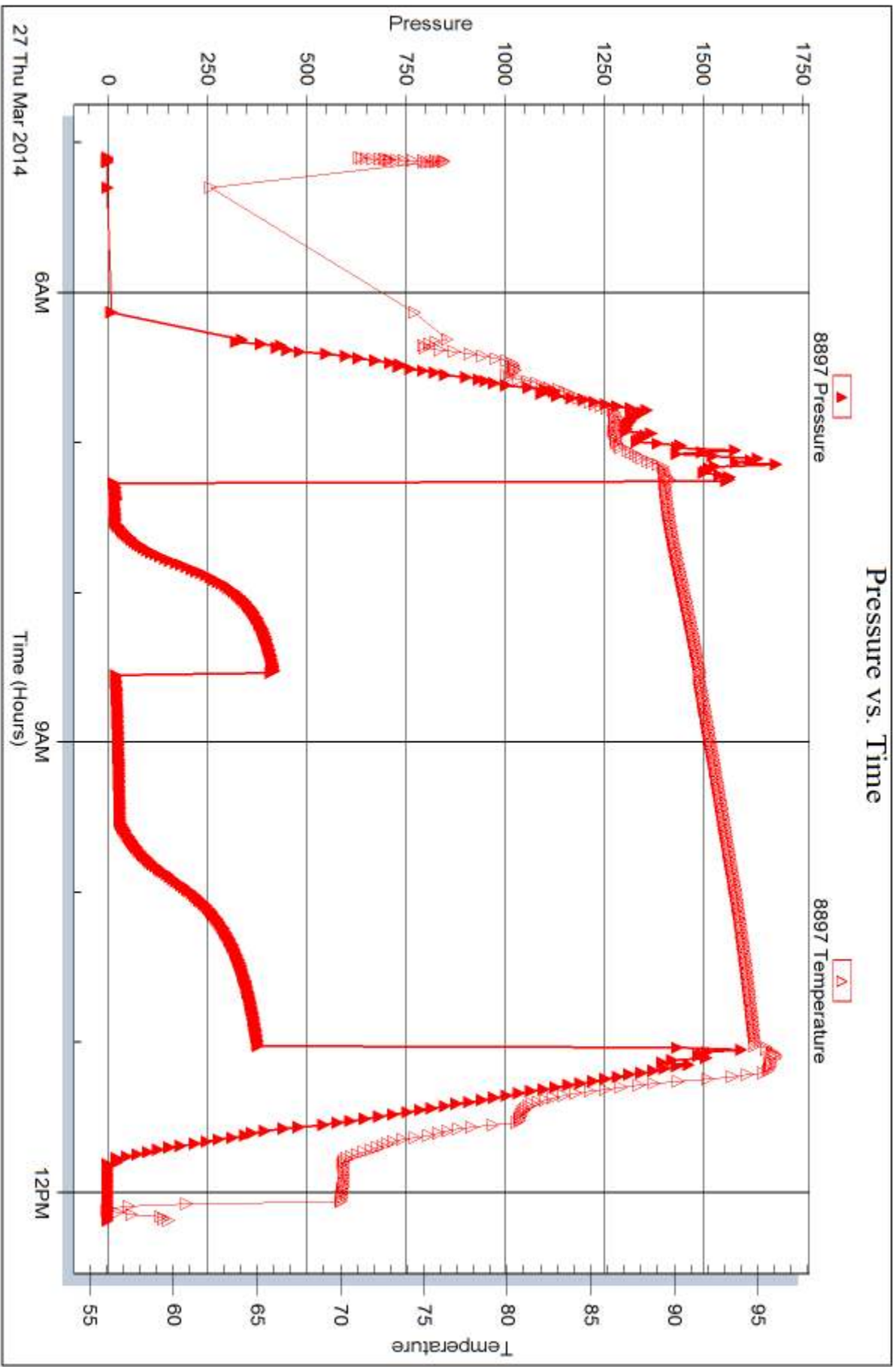
Serial #: 8897

Inside

Prospect Oil & Gas

Bitter #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS 67665

ATTN: Randy Kilian

Bitter #2

11-16s-14w Barton,KS

Start Date: 2014.03.28 @ 00:10:39

End Date: 2014.03.28 @ 07:23:09

Job Ticket #: 53689 DST #: 2

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

Printed: 2014.04.02 @ 10:43:14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53689

DST#: 2

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 00:10:39

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:03:59

Time Test Ended: 07:23:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 44

Interval: 3280.00 ft (KB) To 3340.00 ft (KB) (TVD)

Reference Elevations: 1936.00 ft (KB)

Total Depth: 3340.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8898 Outside

Press@RunDepth: 57.63 psig @ 3288.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.28

End Date:

2014.03.28

Last Calib.: 2014.03.28

Start Time: 00:10:40

End Time:

07:23:09

Time On Btm: 2014.03.28 @ 02:03:49

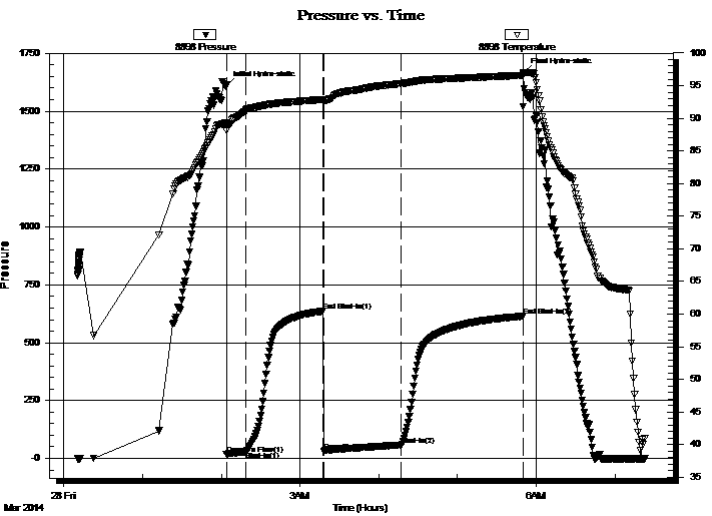
Time Off Btm: 2014.03.28 @ 05:50:18

TEST COMMENT: Srtong blow built to 8"

Dead no blow back

B.O.B. in 4 mins

Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.46	89.29	Initial Hydro-static
1	18.86	88.13	Open To Flow (1)
16	28.97	91.19	Shut-In(1)
74	636.24	92.88	End Shut-In(1)
75	30.86	92.72	Open To Flow (2)
134	57.63	95.31	Shut-In(2)
226	614.03	96.59	End Shut-In(2)
227	1667.81	96.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	10%G 30%O 70%M	0.63
60.00	40%G 30%O 30%M	0.84
0.00	375 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53689

DST#: 2

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 00:10:39

Tool Information

Drill Pipe:	Length: 3278.00 ft	Diameter: 3.80 inches	Volume: 45.98 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	47000.00 lb
			<u>Total Volume: 45.98 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3280.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	87.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3258.00	
Hydraulic tool	5.00			3263.00	
Jars	5.00			3268.00	
Safety Joint	3.00			3271.00	
Packer	5.00			3276.00	27.00 Bottom Of Top Packer
Packer	4.00			3280.00	
Stubb	1.00			3281.00	
Perforations	7.00			3288.00	
Recorder	0.00	8897	Inside	3288.00	
Recorder	0.00	8898	Outside	3288.00	
Change Over Sub	1.00			3289.00	
Drill Pipe	31.00			3320.00	
Change Over Sub	1.00			3321.00	
perforations	16.00			3337.00	
Bullnose	3.00			3340.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 53689

DST#: 2

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 00:10:39

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 53.89 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	10%G 30%O 70%M	0.631
60.00	40%G 30%O 30%M	0.842
0.00	375 GIP	0.000

Total Length: 105.00 ft Total Volume: 1.473 bbl

Num Fluid Samples: 0

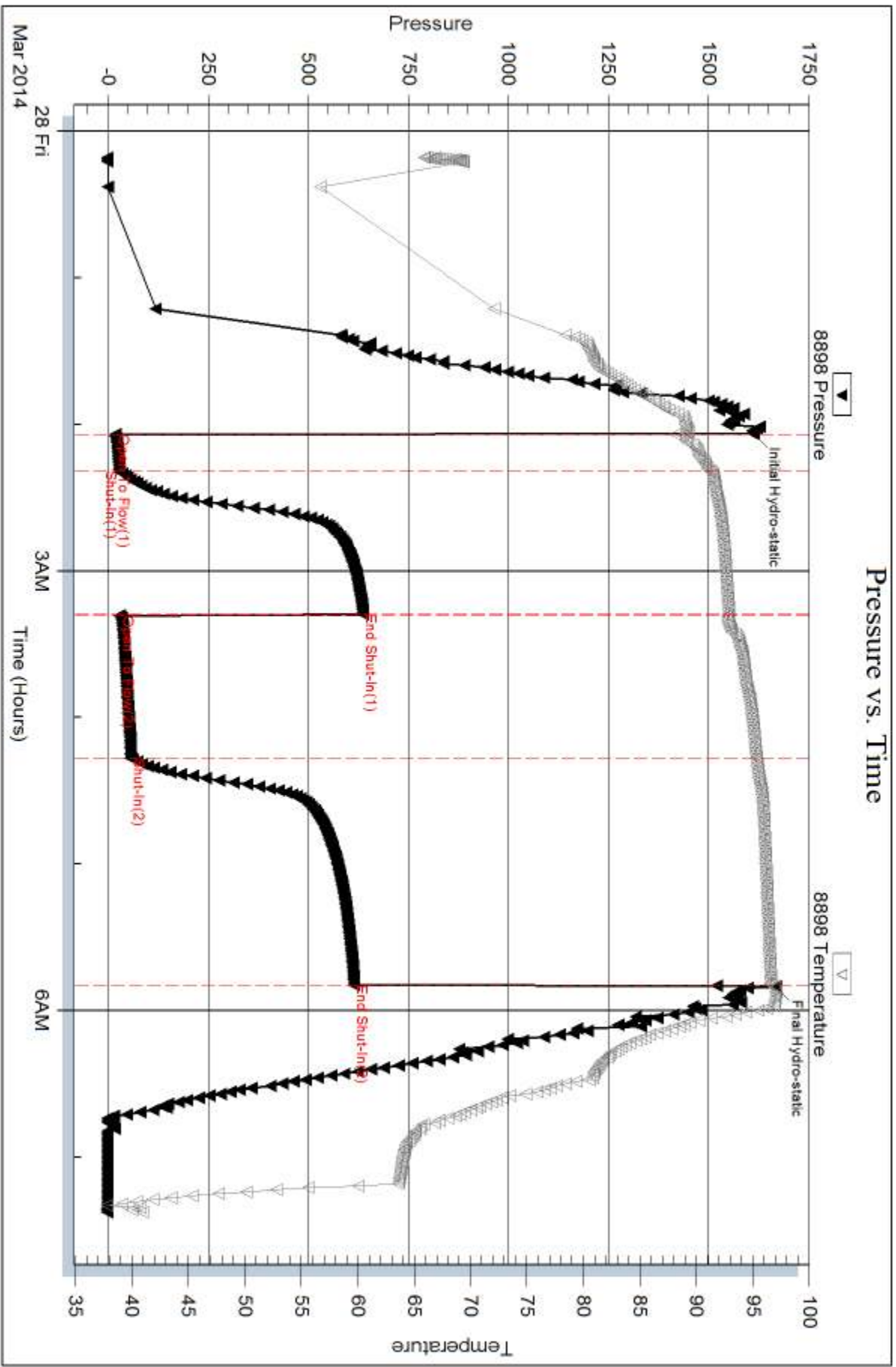
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



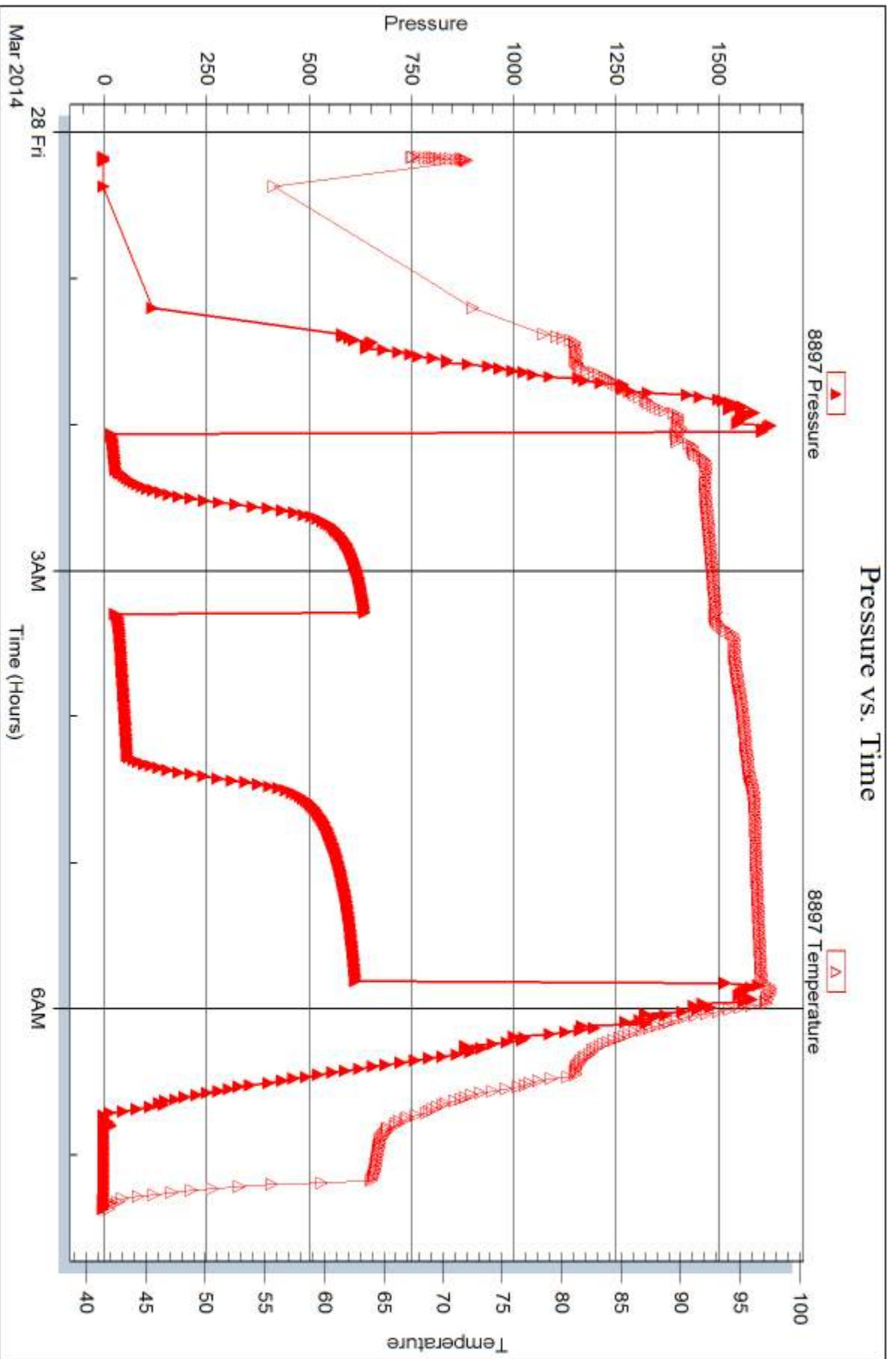
Serial #: 8897

Inside

Prospect Oil & Gas

Bitter #2

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 53689

Printed: 2014.04.02 @ 10:43:16



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS 67665

ATTN: Randy Kilian

Bitter #2

11-16s-14w Barton,KS

Start Date: 2014.03.28 @ 20:45:20

End Date: 2014.03.29 @ 04:59:10

Job Ticket #: 57551 DST #: 3

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

Printed: 2014.04.02 @ 10:53:48



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 57551

DST#: 3

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 20:45:20

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:17:30

Time Test Ended: 04:59:10

Test Type: Conventional Straddle (Reset)

Tester: Tate Lang

Unit No: 49

Interval: 3345.00 ft (KB) To 3396.00 ft (KB) (TVD)

Reference Elevations: 1936.00 ft (KB)

Total Depth: 3440.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8288

Inside

Press@RunDepth: 92.53 psig @ 3346.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.28

End Date:

2014.03.29

Last Calib.:

2014.03.29

Start Time: 20:45:22

End Time:

04:59:09

Time On Btm:

2014.03.28 @ 22:17:20

Time Off Btm:

2014.03.29 @ 03:04:29

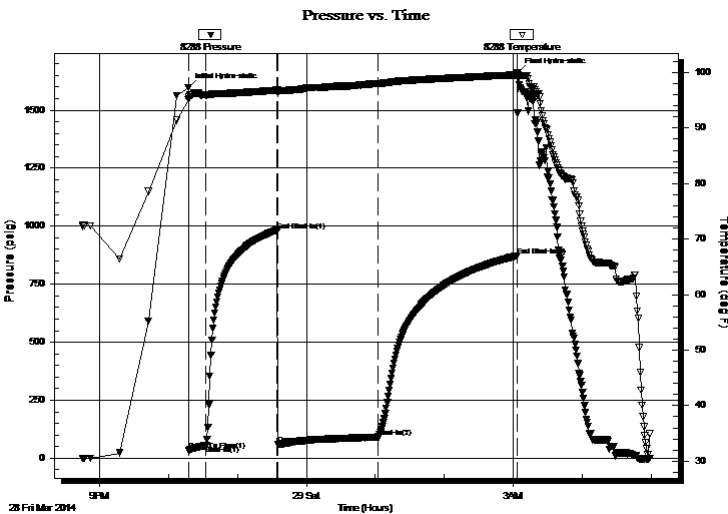
TEST COMMENT: weak surface blow built to 2"

Dead no blow back

Good blow built to 7"

Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.36	95.07	Initial Hydro-static
1	33.15	95.20	Open To Flow (1)
16	54.08	95.96	Shut-In(1)
78	980.81	96.85	End Shut-In(1)
78	61.30	96.32	Open To Flow (2)
166	92.53	98.00	Shut-In(2)
287	872.94	99.58	End Shut-In(2)
288	1662.67	99.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	10%G 40%O 50%M	0.59
20.00	50%O 50%M	0.28
10.00	100%O	0.14
0.00	90 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 57551

DST#: 3

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 20:45:20

Tool Information

Drill Pipe:	Length: 3213.00 ft	Diameter: 3.80 inches	Volume: 45.07 bbl	Tool Weight: 2000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 45.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3345.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	3396.00 ft			
Interval between Packers:	51.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3323.00	
Hydraulic tool	5.00			3328.00	
Jars	5.00			3333.00	
Safety Joint	2.00			3335.00	
Packer	5.00			3340.00	27.00 Bottom Of Top Packer
Packer	5.00			3345.00	
Stubb	1.00			3346.00	
Recorder	0.00	8288	Inside	3346.00	
Recorder	0.00	6769	Outside	3346.00	
Perforations	2.00			3348.00	
Change Over Sub	1.00			3349.00	
Drill Pipe	31.00			3380.00	
Change Over Sub	1.00			3381.00	
perforations	10.00			3391.00	
Blank Off Sub	1.00			3392.00	
Blank Spacing	4.00			3396.00	51.00 Tool Interval
Packer	5.00			3401.00	
Stubb	1.00			3402.00	
Perforations	6.00			3408.00	
Recorder	0.00	8354	Below	3408.00	
Change Over Sub	1.00			3409.00	
Blank Spacing	31.00			3440.00	
Change Over Sub	1.00			3441.00	
Bullnose	3.00			3444.00	48.00 Bottom Packers & Anchor
Total Tool Length:	126.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

11-16s-14w Barton,KS

PO Box 837
Russell KS 67665

Bitter #2

Job Ticket: 57551

DST#: 3

ATTN: Randy Kilian

Test Start: 2014.03.28 @ 20:45:20

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: 82.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 9800.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	10%G 40%O 50%M	0.590
20.00	50%O 50%M	0.281
10.00	100%O	0.140
0.00	90 GIP	0.000

Total Length: 150.00 ft

Total Volume: 1.011 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

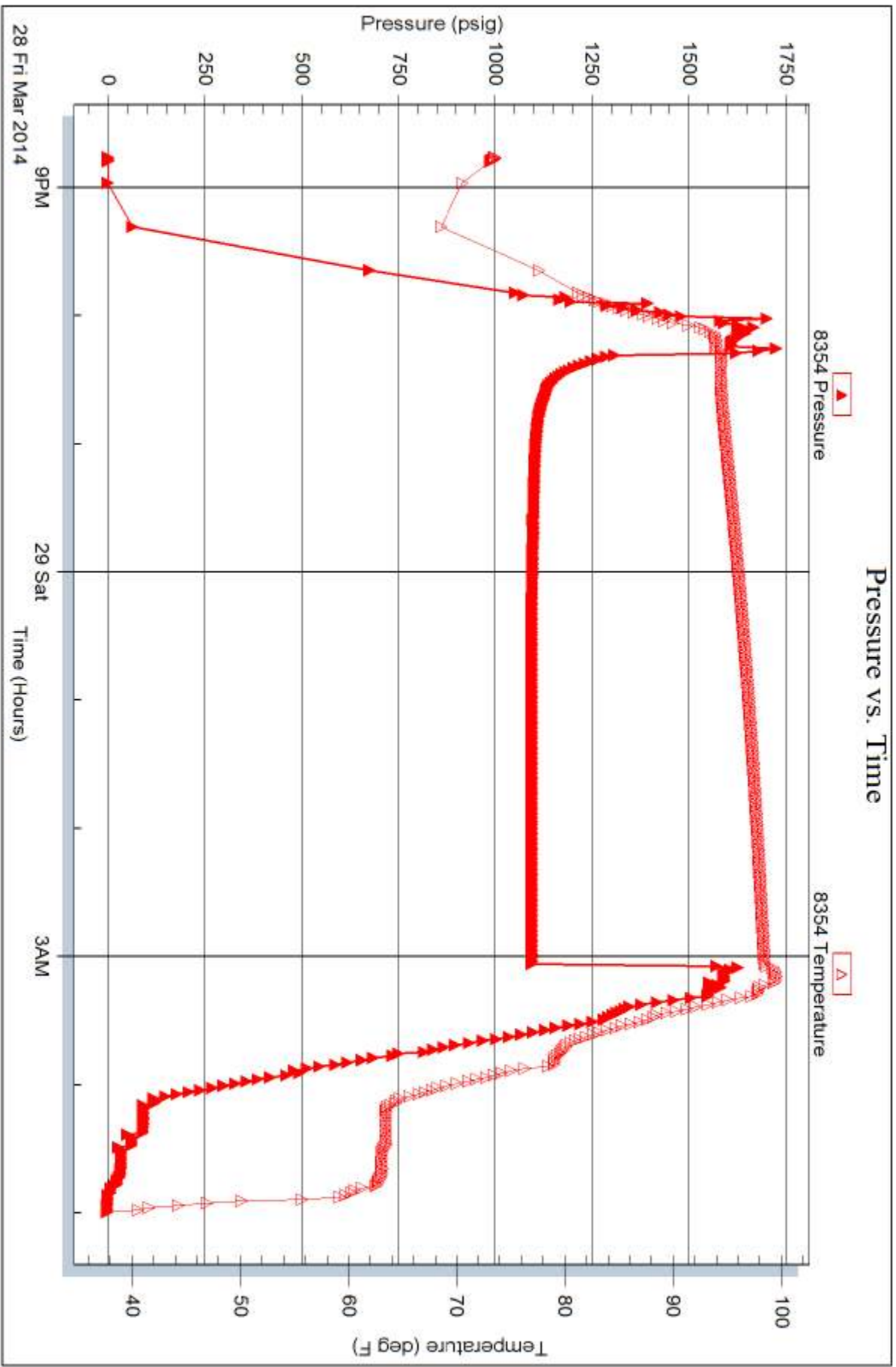
Recovery Comments:

Serial #: 8354

Below (Strat) Dept Oil & Gas

Bitter #2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 57551

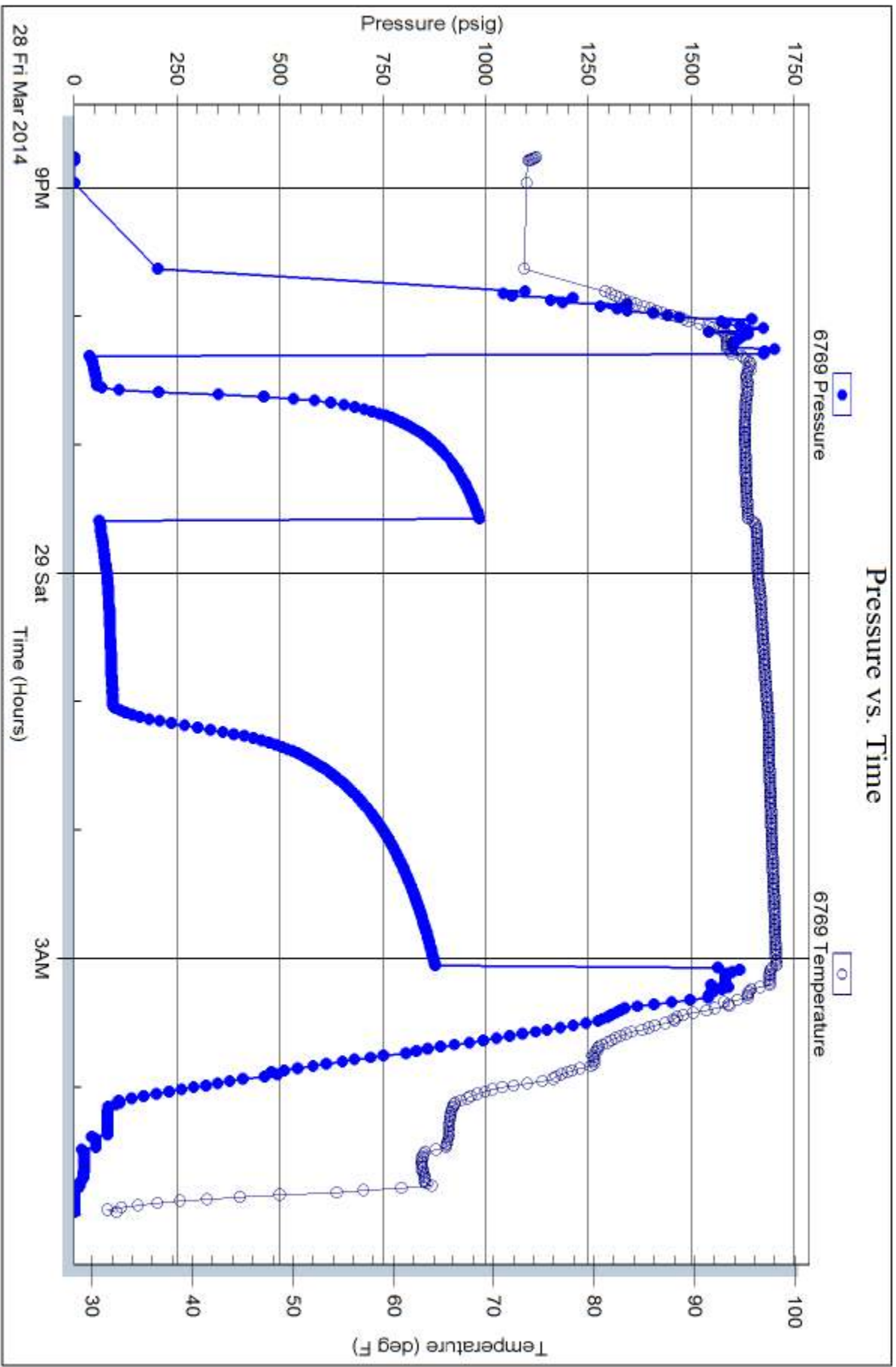
Printed: 2014.04.02 @ 10:53:50

Serial #: 6769

Outside Prospect Oil & Gas

Bitter #2

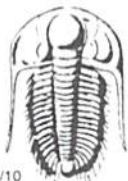
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 57551

Printed: 2014.04.02 @ 10:53:51



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53688

Well Name & No. Bitter #2 Test No. 1 Date 3-27-14
 Company Prospect Oil & Gas Elevation 1936 KB 1929 GL
 Address PO Box 837 Russell MS 67665
 Co. Rep / Geo. Randy Kilian Rig Royal #2
 Location: Sec. 11 Twp. 16S Rge. 14W Co. Barton State MS

Interval Tested 3155 3200 Zone Tested LHC B-C
 Anchor Length 45 Drill Pipe Run 3154 Mud Wt. 8.7
 Top Packer Depth 3150 Drill Collars Run 0 Vis 64
 Bottom Packer Depth 3155 Wt. Pipe Run 0 WL 7.2
 Total Depth 3200 Chlorides 4900 ppm System LCM TR

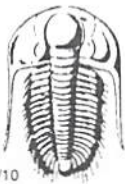
Blow Description Weak surface blow built 3 1/2 in
Dead no blow back
Strong blow built to 8 in
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>OCMW</u>	<u>10</u>	<u>45</u>	<u>45</u>	<u>45</u>
<u>20</u>	<u>WCOM</u>	<u>20</u>	<u>10</u>	<u>70</u>	<u>70</u>
<u>0</u>	<u>85 GIP</u>				

Rec Total 35 BHT Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1563 Test 1150 T-On Location 04:18
 (B) First Initial Flow 15 Jars _____ T-Started 05:06
 (C) First Final Flow 19 Safety Joint _____ T-Open 07:17
 (D) Initial Shut-In 420 Circ Sub _____ T-Pulled 11:02
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 12:11
 (F) Second Final Flow 31 Mileage 76 R/T 117.80 Comments _____
 (G) Final Shut-In 379 Sampler _____
 (H) Final Hydrostatic 1606 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1267.80
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1267.80

Approved By _____ Our Representative [Signature]
 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. 53689

Well Name & No. Bitter #2 Test No. 2 Date 3-27/3-28-14
 Company Prospect Oil & Gas Elevation 1936 KB 1929 GL
 Address PO Box 837 Russell KS 67665
 Co. Rep / Geo. Randy Hilian Rig Royal #2
 Location: Sec. 11 Twp. 16S Rge. 14W Co. Barton State KS

Interval Tested 3280 3340 Zone Tested H-S
 Anchor Length 60 Drill Pipe Run 3278 Mud Wt. 9.3
 Top Packer Depth 3275 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3280 Wt. Pipe Run 0 WL 8.4
 Total Depth 3340 Chlorides 7900 ppm System LCM TR

Blow Description Strong blow built to 8 in
Dead, no blow back

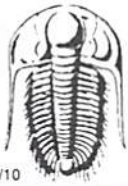
B.O.B. 144 min
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>60CM</u>	<u>10</u>	<u>30</u>		<u>76</u>
<u>60</u>	<u>MC60</u>	<u>40</u>	<u>30</u>		<u>30</u>
<u>0</u>	<u>375 G/L</u>				

Rec Total 105 BHT 97 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 16.12 Test 1150 T-On Location 23:08
 (B) First Initial Flow 19 Jars _____ T-Started 00:10
 (C) First Final Flow 29 Safety Joint _____ T-Open 02:03
 (D) Initial Shut-In 6:36 Circ Sub _____ T-Pulled 05:48
 (E) Second Initial Flow 31 Hourly Standby _____ T-Out 07:23
 (F) Second Final Flow 58 Mileage 117.80 Comments _____
 (G) Final Shut-In 6:14 Sampler _____
 (H) Final Hydrostatic 16:68 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 6:00 Day Standby _____ Total 1267.80
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1267.80

Approved By _____ Our Representative [Signature]
 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. 57551

Well Name & No. Bitter #2 Test No. 3 Date 3-28-14
 Company Prospect Oil & Gas Elevation 1936 KB 1929 GL
 Address PO Box 837 Russell KS 67665
 Co. Rep / Geo. Randy Kilian Rig Royal #2
 Location: Sec. 11 Twp. 16W Rge. 14W Co. Barton State KS

Interval Tested 3345 3396 Zone Tested Arbuckle
 Anchor Length 48 51 43 1/2 Drill Pipe Run 3213 Mud Wt. 9.2
 Top Packer Depth 3340 Drill Collars Run 120 Vis 82
 Bottom Packer Depth 3345 Wt. Pipe Run 0 WL 9.2
 Total Depth 3440 1880 1880 Chlorides 9800 ppm System LCM TR

Blow Description Weak surface blow built to 2 in
Dead on blow built
Good blow built to 17 in
Dead on blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>60 CM</u>	<u>10</u>	<u>40</u>	<u>50</u>	<u>50</u>
<u>20</u>	<u>0 CM</u>		<u>50</u>	<u>50</u>	<u>50</u>
<u>10</u>	<u>Free Oil</u>		<u>100</u>		
<u>0</u>	<u>90 GTP</u>	<u>100</u>			

Rec Total 150 BHT 100 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1597 Test 1150 T-On Location 18:45
 (B) First Initial Flow 33 Jars _____ T-Started 20:45
 (C) First Final Flow 54 Safety Joint _____ T-Open 22:17
 (D) Initial Shut-In 981 Circ Sub _____ T-Pulled 03:02
 (E) Second Initial Flow 61 Hourly Standby _____ T-Out 04:39
 (F) Second Final Flow 93 Mileage 117.80 Comments _____
 (G) Final Shut-In 873 Sampler _____
 (H) Final Hydrostatic 1663 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 75 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 90 Day Standby _____ Total 1867.80
 Final Shut-In 120 Accessibility _____ MP/DST Disc't _____
 Sub Total 1867.80

Approved By _____ Our Representative [Signature]

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