



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co., LLC**

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

27-3s-22w Norton,KS

Esslinger Ranch Inc #3-27

Start Date: 2013.04.14 @ 20:00:00

End Date: 2013.04.15 @ 02:33:30

Job Ticket #: 50702 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 10:10:41

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

27-3s-22w Norton,KS

DST # 1

LKC "A"

2013.04.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co., LLC

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

Esslinger Ranch Inc #3-27

27-3s-22w Norton, KS

Job Ticket: 50702

DST#: 1

Test Start: 2013.04.14 @ 20:00:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:01:30

Time Test Ended: 02:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3589.00 ft (KB) To 3610.00 ft (KB) (TVD)

Reference Elevations: 2365.00 ft (KB)

Total Depth: 3610.00 ft (KB) (TVD)

2355.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6799

Inside

Press @ Run Depth: 35.67 psig @ 3590.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.14

End Date:

2013.04.15

Last Calib.:

2013.04.15

Start Time:

20:00:05

End Time:

02:33:29

Time On Btm:

2013.04.14 @ 22:00:45

Time Off Btm:

2013.04.15 @ 01:01:45

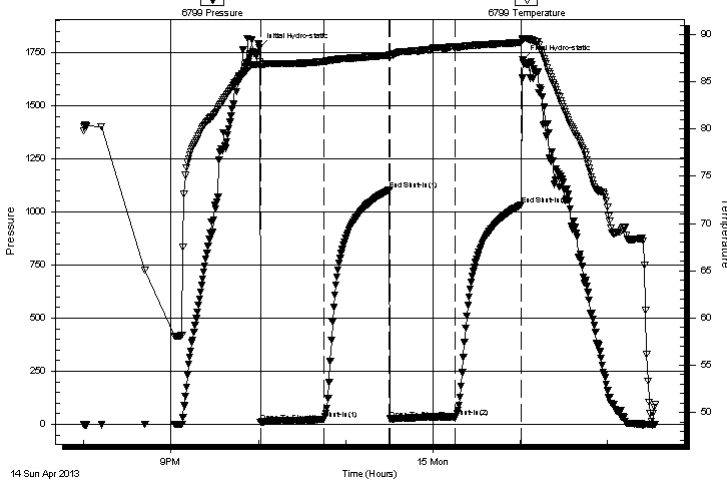
TEST COMMENT: 45 - IF- Surface Blow built to 1 1/4" then died back to 3/4"

45 - IS- No Return

45 - FF- Surface Blow started at 10 min. Built to 1/4"

45 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

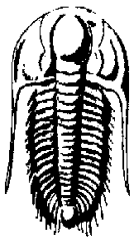
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.44	87.08	Initial Hydro-static
1	11.09	86.79	Open To Flow (1)
45	23.36	87.17	Shut-In(1)
90	1104.11	87.83	End Shut-In(1)
90	25.87	87.70	Open To Flow (2)
135	35.67	88.68	Shut-In(2)
180	1034.69	89.17	End Shut-In(2)
181	1715.06	89.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	WM 90M 10W	0.10

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co., LLC

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

Esslinger Ranch Inc #3-27

27-3s-22w Norton, KS

Job Ticket: 50702

DST#: 1

Test Start: 2013.04.14 @ 20:00:00

GENERAL INFORMATION:

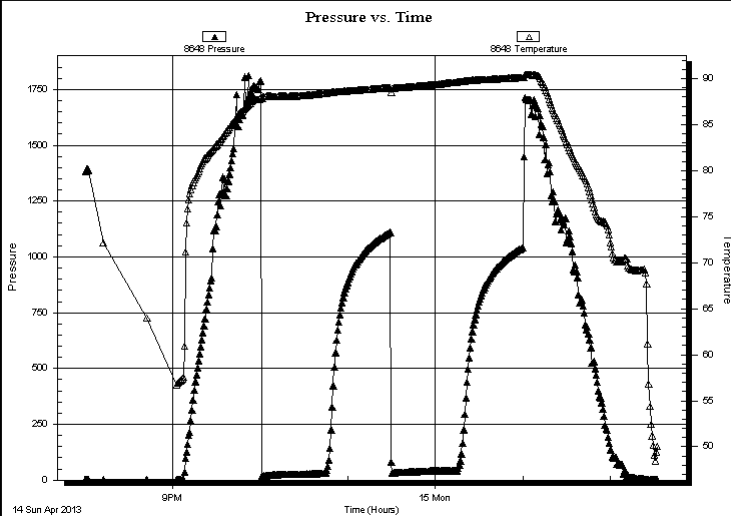
Formation:	LKC "A"	
Deviated:	No Whipstock:	ft (KB)
Time Tool Opened:	22:01:30	
Time Test Ended:	02:33:30	
Interval:	3589.00 ft (KB) To 3610.00 ft (KB) (TVD)	Test Type: Conventional Bottom Hole (Initial)
Total Depth:	3610.00 ft (KB) (TVD)	Tester: Kevin Mack
Hole Diameter:	7.88 inches	Unit No: 43
Hole Condition:	Good	Reference Elevations:
		2365.00 ft (KB)
		2355.00 ft (CF)
		KB to GR/CF: 10.00 ft

Serial #: 8648

Inside

Press @ Run Depth:	psig @ 3590.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2013.04.14	End Date:	2013.04.15
Start Time:	20:00:50	End Time:	02:32:29
		Last Calib.:	2013.04.15
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: 45 - IF- Surface Blow built to 1 1/4" then died back to 3/4"
45 - IS- No Return
45 - FF- Surface Blow started at 10 min. Built to 1/4"
45 - FS- No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	WM 90M 10W	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50702

DST#: 1

ATTN: Rich Bell

Test Start: 2013.04.14 @ 20:00:00

Tool Information

Drill Pipe:	Length: 3475.00 ft	Diameter: 3.80 inches	Volume: 48.75 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: 42000.00 lb
			<u>Total Volume: 49.34 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3589.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	42.00 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			3569.00	
Shut In Tool	5.00			3574.00	
Hydraulic tool	5.00			3579.00	
Packer	5.00			3584.00	21.00 Bottom Of Top Packer
Packer	5.00			3589.00	
Stubb	1.00			3590.00	
Recorder	0.00	6799	Inside	3590.00	
Recorder	0.00	8648	Inside	3590.00	
Perforations	15.00			3605.00	
Bullnose	5.00			3610.00	21.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50702

DST#: 1

ATTN: Rich Bell

Test Start: 2013.04.14 @ 20:00:00

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: 60.00 sec/qt

Cushion Volume: bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WM 90M 10W	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

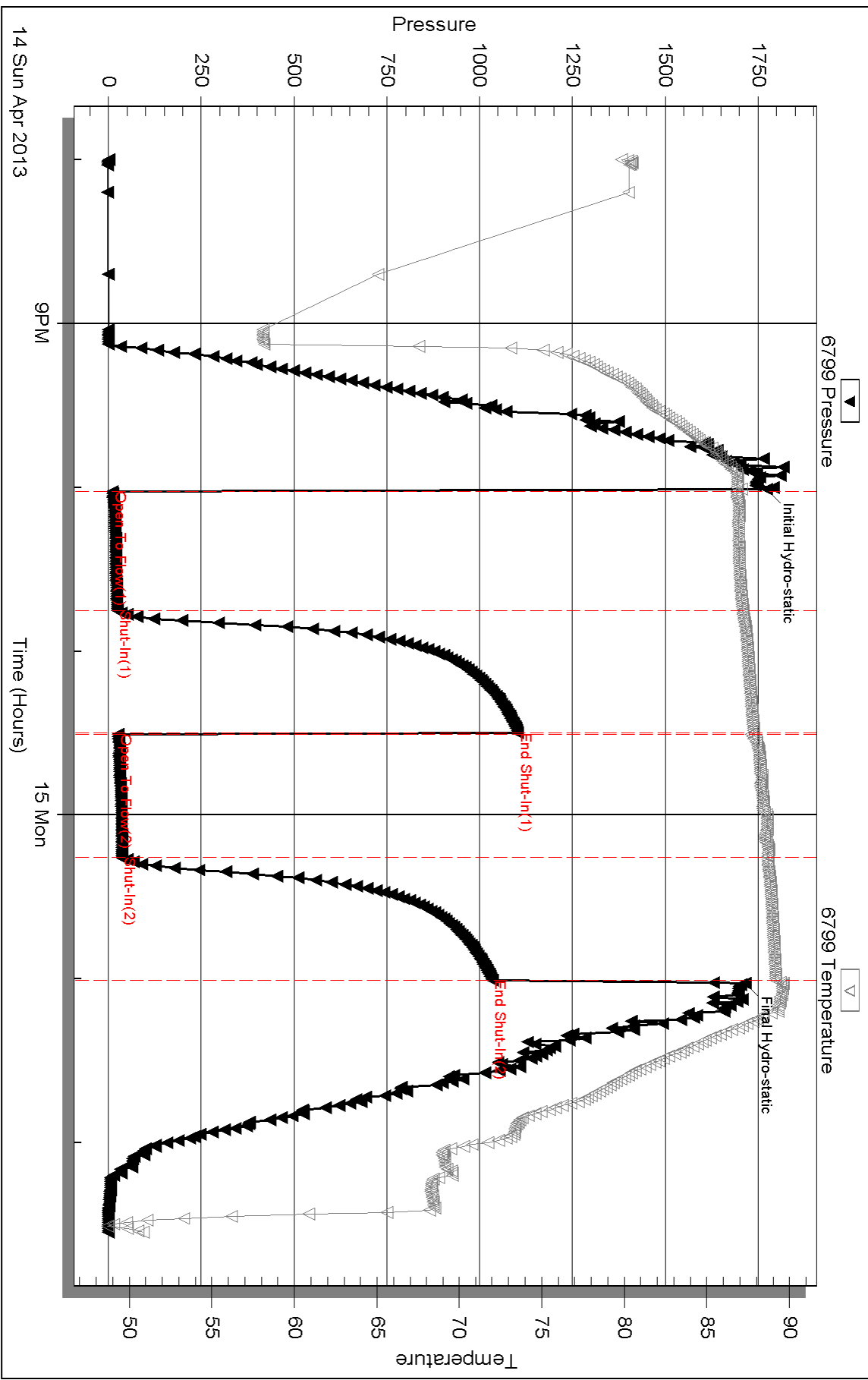
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



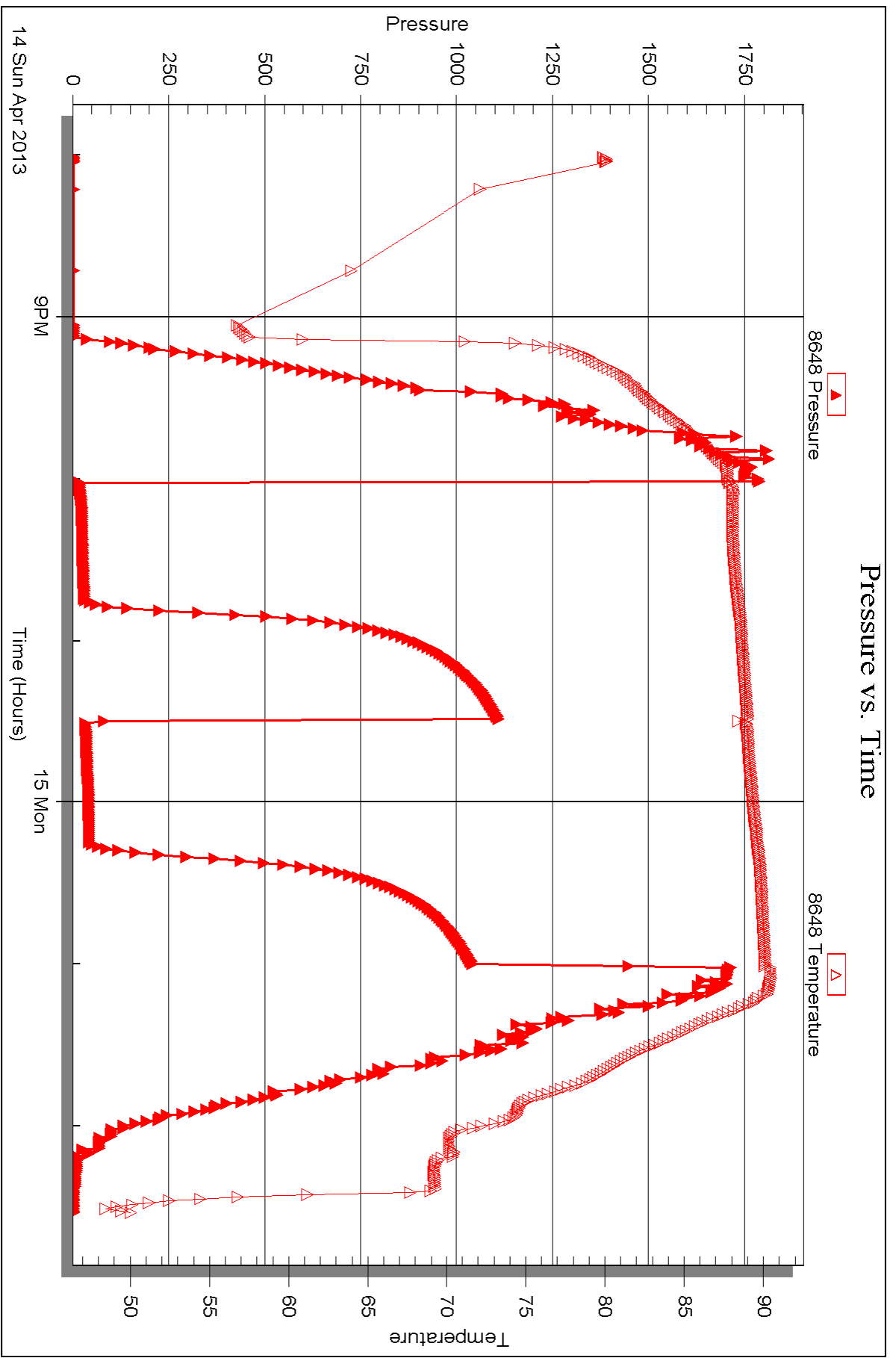
Serial #: 8648

Inside

Baird Oil Co., LLC

27-3s-22w Norton KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co., LLC**

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

27-3s-22w Norton,KS

Esslinger Ranch Inc #3-27

Start Date: 2013.04.15 @ 19:25:00

End Date: 2013.04.16 @ 00:22:00

Job Ticket #: 50703 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 10:09:32

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

27-3s-22w Norton,KS

DST # 2

LKC "J"

2013.04.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co., LLC

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

Esslinger Ranch Inc #3-27

27-3s-22w Norton, KS

Job Ticket: 50703

DST#: 2

Test Start: 2013.04.15 @ 19:25:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:27:45

Time Test Ended: 00:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3725.00 ft (KB) To 3757.00 ft (KB) (TVD)

Reference Elevations: 2365.00 ft (KB)

Total Depth: 3757.00 ft (KB) (TVD)

2355.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 12.73 psig @ 3726.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.15

End Date:

2013.04.16

Last Calib.:

2013.04.16

Start Time:

19:25:05

End Time:

00:21:59

Time On Btm:

2013.04.15 @ 21:27:30

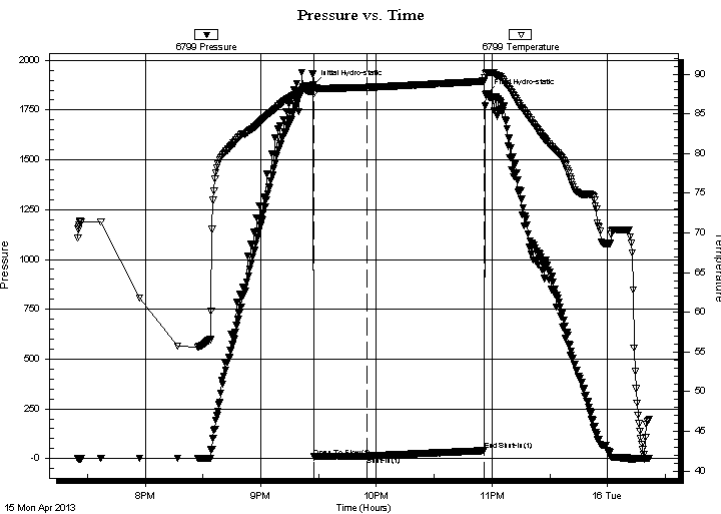
Time Off Btm:

2013.04.15 @ 22:57:15

TEST COMMENT: 30 - IF- 1/8" Blow did not build or die.

60 - IS- No Return

Rig crew had to fix high drum chain. Took an extra 30 min. before pulling off bottom.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.30	88.65	Initial Hydro-static
1	9.06	87.55	Open To Flow (1)
28	12.73	88.33	Shut-In(1)
89	40.36	89.10	End Shut-In(1)
90	1834.29	90.18	Final Hydro-static

Recovery

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

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co., LLC

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

Esslinger Ranch Inc #3-27

27-3s-22w Norton, KS

Job Ticket: 50703

DST#: 2

Test Start: 2013.04.15 @ 19:25:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:27:45

Time Test Ended: 00:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: **3725.00 ft (KB) To 3757.00 ft (KB) (TVD)**

Reference Elevations: 2365.00 ft (KB)

Total Depth: 3757.00 ft (KB) (TVD)

2355.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: **8648** Inside

Press @ Run Depth: psig @ 3726.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.15

End Date: 2013.04.16

Last Calib.: 1899.12.30

Start Time: 19:25:50

End Time: 00:21:29

Time On Btm:

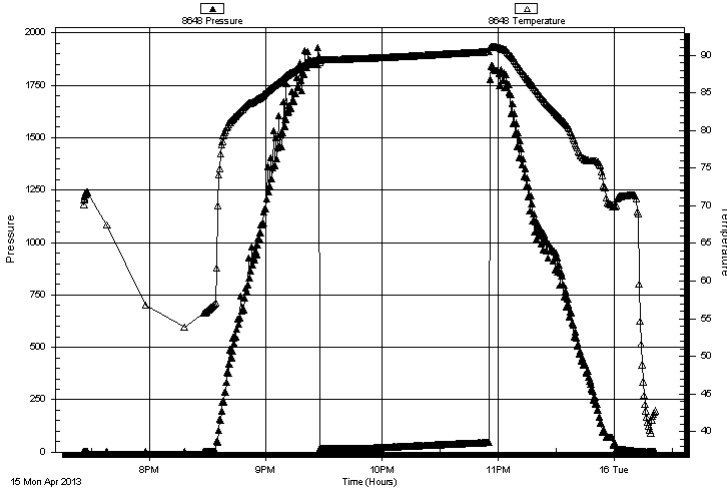
Time Off Btm:

TEST COMMENT: 30 - IF- 1/8" Blow did not build or die.

60 - IS- No Return

Rig crew had to fix high drum chain. Took an extra 30 min. before pulling off bottom.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50703

DST#: 2

ATTN: Rich Bell

Test Start: 2013.04.15 @ 19:25:00

Tool Information

Drill Pipe:	Length: 3602.00 ft	Diameter: 3.80 inches	Volume: 50.53 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: 45000.00 lb
			<u>Total Volume: 51.12 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3725.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3705.00	
Shut In Tool	5.00			3710.00	
Hydraulic tool	5.00			3715.00	
Packer	5.00			3720.00	21.00 Bottom Of Top Packer
Packer	5.00			3725.00	
Stubb	1.00			3726.00	
Recorder	0.00	6799	Inside	3726.00	
Recorder	0.00	8648	Inside	3726.00	
Perforations	26.00			3752.00	
Bullnose	5.00			3757.00	32.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50703

DST#: 2

ATTN: Rich Bell

Test Start: 2013.04.15 @ 19:25:00

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: 58.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

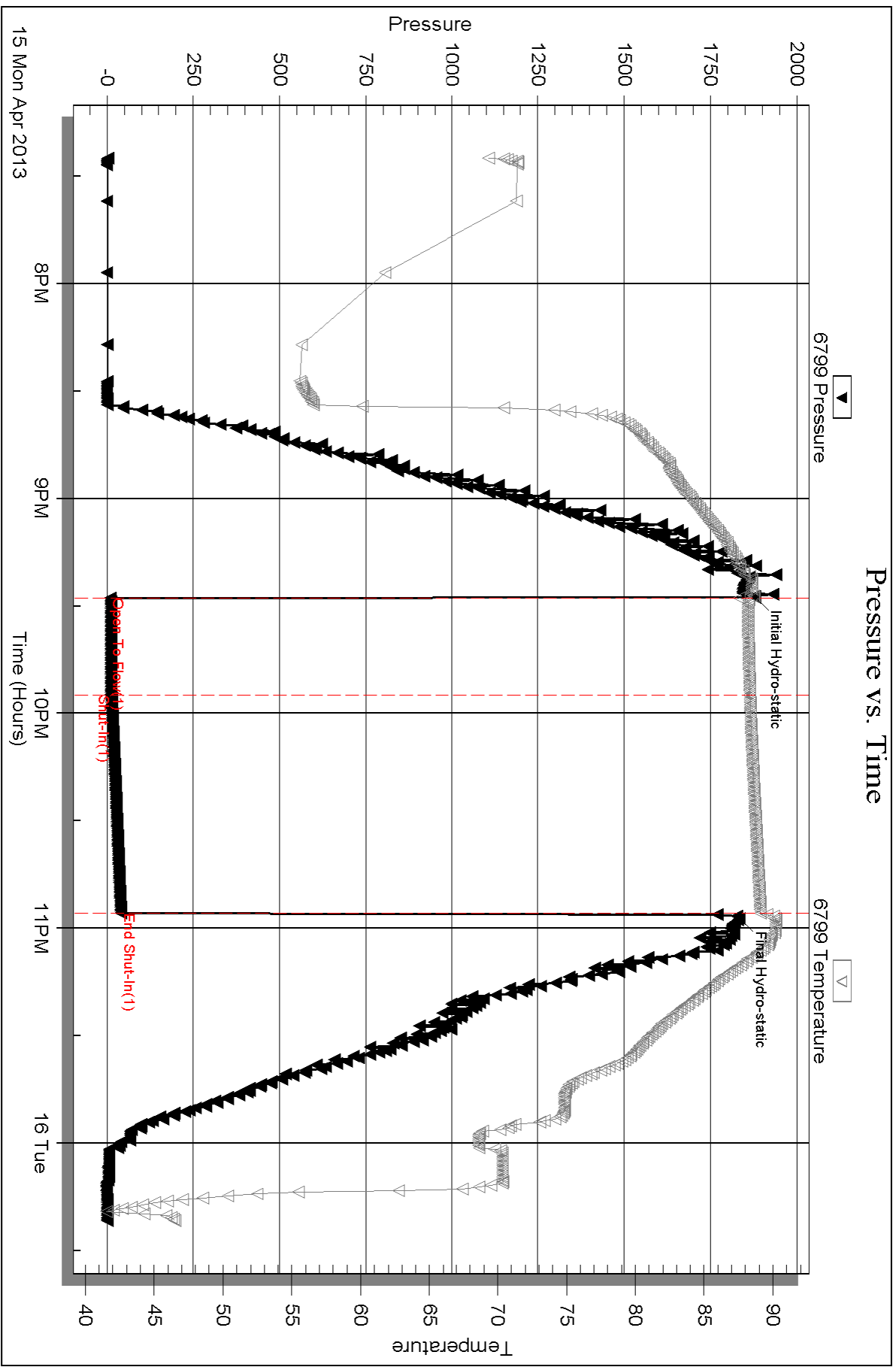
Serial #: 6799

Inside

Baird Oil Co., LLC

27-3s-22w Norton KS

DST Test Number: 2



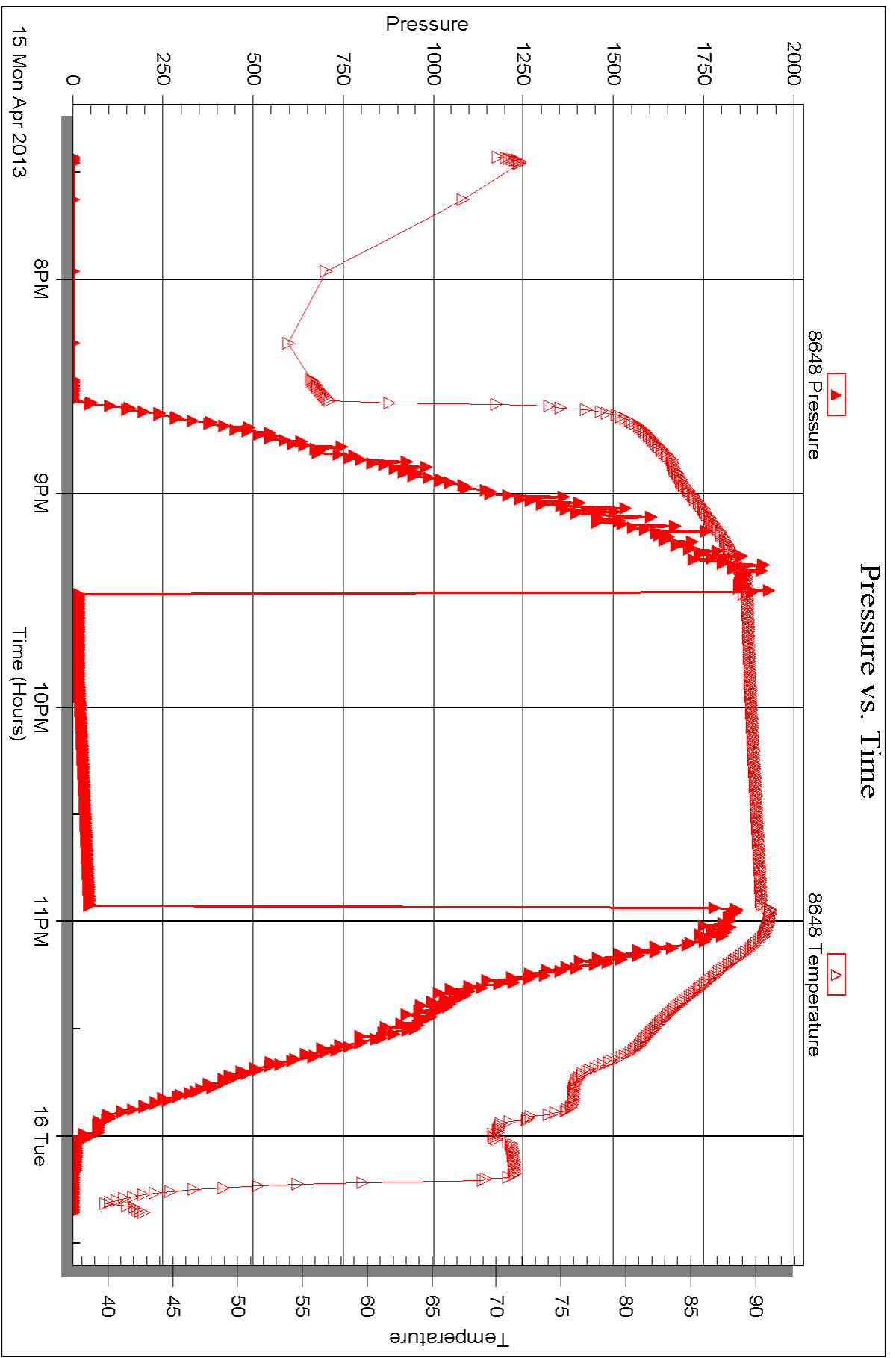
Serial #: 8648

Inside

Baird Oil Co., LLC

27-3s-22w Norton KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co., LLC**

PO Box 428
Logan, KS 67649

ATTN: Rich Bell

27-3s-22w Norton,KS

Esslinger Ranch Inc #3-27

Start Date: 2013.04.16 @ 08:40:00

End Date: 2013.04.16 @ 15:38:00

Job Ticket #: 50704 DST #: 3

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

Printed: 2013.04.23 @ 10:08:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co., LLC
 PO Box 428
 Logan, KS 67649
 ATTN: Rich Bell

Esslinger Ranch Inc #3-27
27-3s-22w Norton, KS
 Job Ticket: 50704 **DST#: 3**
 Test Start: 2013.04.16 @ 08:40:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:40:00
 Time Test Ended: 15:38:00
 Interval: **3755.00 ft (KB) To 3790.00 ft (KB) (TVD)**
 Total Depth: 3790.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2365.00 ft (KB)
 2355.00 ft (CF)
 KB to GR/CF: 10.00 ft

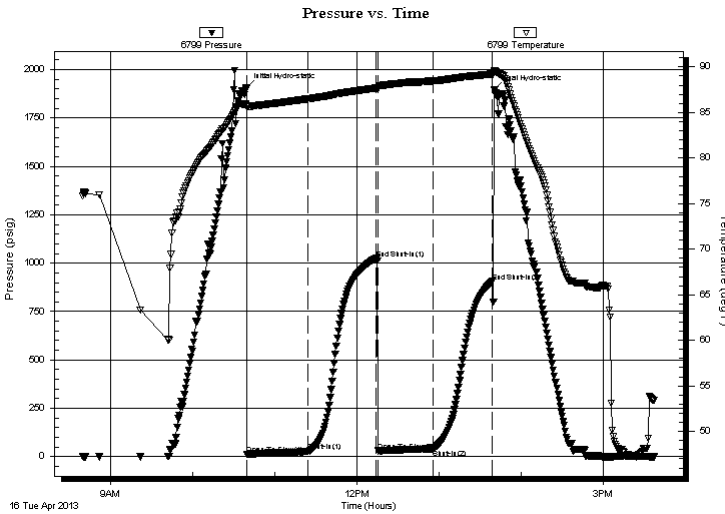
Serial #: 6799

Inside

Press @ Run Depth: 40.47 psig @ 3756.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.16 End Date: 2013.04.16 Last Calib.: 2013.04.16
 Start Time: 08:40:05 End Time: 15:37:59 Time On Btm: 2013.04.16 @ 10:39:30
 Time Off Btm: 2013.04.16 @ 13:40:45

TEST COMMENT: 45 - IF- Blow built to 2 1/8"
 45 - IS- No Return
 45 - FF- Blow built to 2 3/4"
 45 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1905.56	85.93	Initial Hydro-static
1	12.20	85.67	Open To Flow (1)
46	26.85	86.50	Shut-In(1)
95	1024.84	87.68	End Shut-In(1)
97	29.89	87.67	Open To Flow (2)
136	40.47	88.47	Shut-In(2)
180	905.29	89.22	End Shut-In(2)
182	1897.89	89.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
57.00	MCO 50M 50o	0.28
5.00	Free Oil 100o	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50704

DST#: 3

ATTN: Rich Bell

Test Start: 2013.04.16 @ 08:40:00

Tool Information

Drill Pipe:	Length: 3634.00 ft	Diameter: 3.80 inches	Volume: 50.98 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: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 51.57 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3755.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3735.00	
Shut In Tool	5.00			3740.00	
Hydraulic tool	5.00			3745.00	
Packer	5.00			3750.00	21.00 Bottom Of Top Packer
Packer	5.00			3755.00	
Stubb	1.00			3756.00	
Recorder	0.00	6799	Inside	3756.00	
Recorder	0.00	8648	Inside	3756.00	
Perforations	29.00			3785.00	
Bullnose	5.00			3790.00	35.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co., LLC

Esslinger Ranch Inc #3-27

PO Box 428
Logan, KS 67649

27-3s-22w Norton,KS

Job Ticket: 50704

DST#: 3

ATTN: Rich Bell

Test Start: 2013.04.16 @ 08:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
57.00	MCO 50M 50o	0.280
5.00	Free Oil 100o	0.025

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 37 @ 70 deg = 36 cor

Serial #: 6799

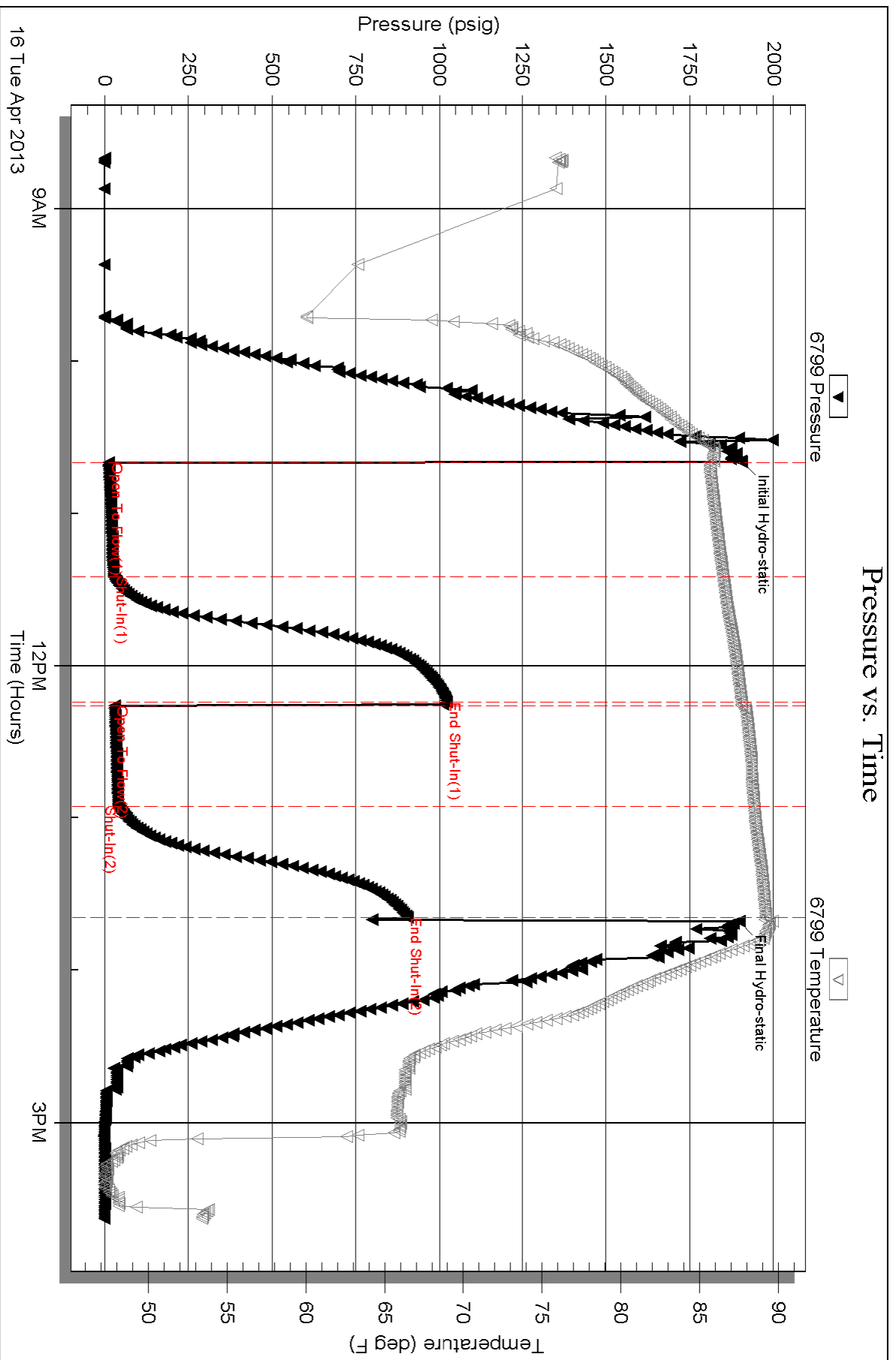
Inside

Baird Oil Co., LLC

27-35-22w Norton KS

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50704

Printed: 2013.04.23 @ 10:08:43

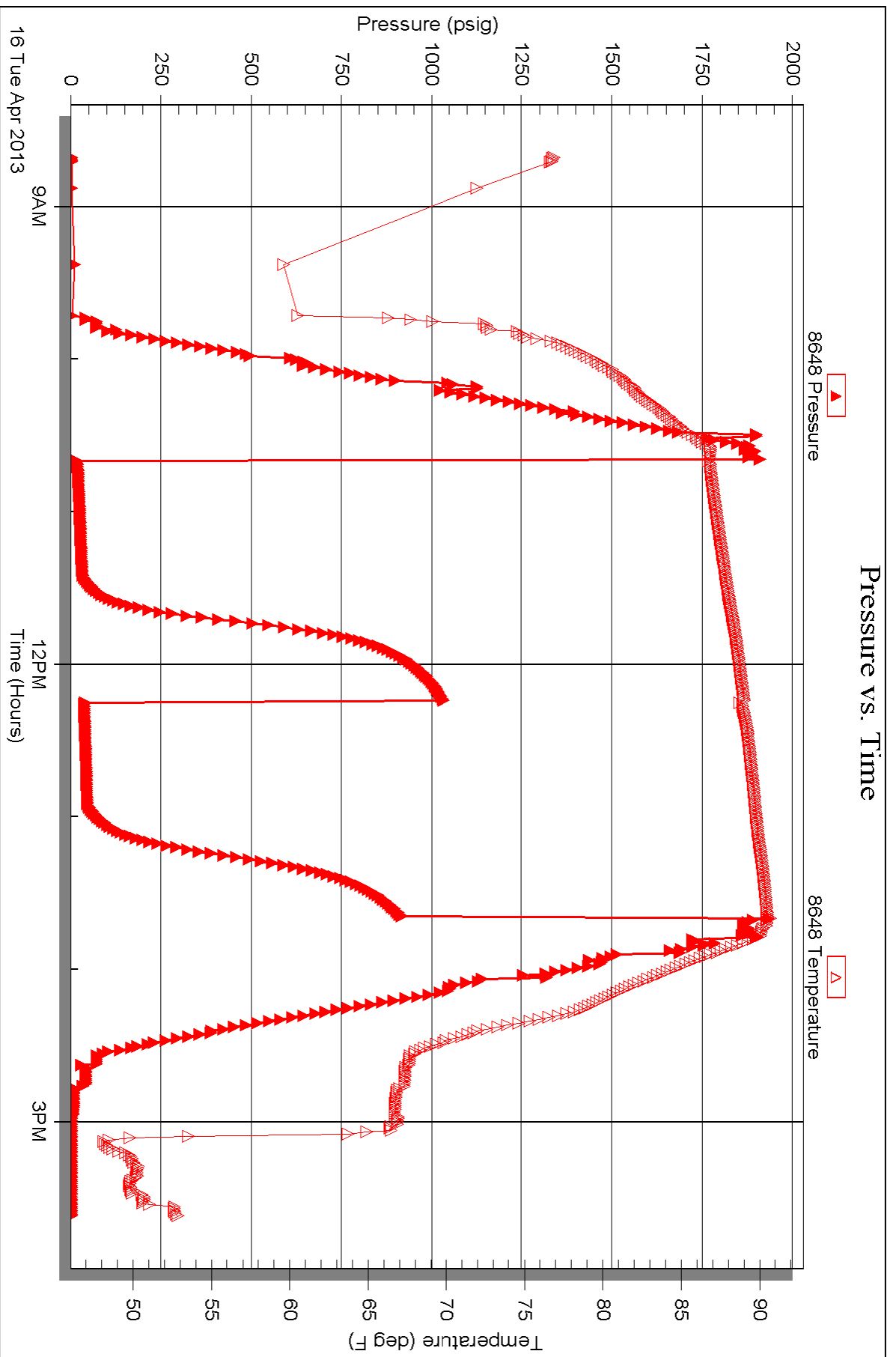
Serial #: 8648

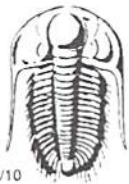
Inside

Baird Oil Co., LLC

27-3s-22w Norton KS

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50702

4/10

Well Name & No. Esslinger Ranch, Inc. #3-27 Test No. 1 Date 4-14-13
 Company Beird Oil Co., LLC Elevation 2365 KB 2355 GL
 Address 113 W Main Logan, KS 67649
 Co. Rep / Geo. Rich Bell Rig WW#12
 Location: Sec. 27 Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3589-3610 Zone Tested LKC "A"
 Anchor Length ~~30~~ 21' Drill Pipe Run 3475' Mud Wt. 8.8
 Top Packer Depth 3585 Drill Collars Run 120 Vis 60
 Bottom Packer Depth 3589 Wt. Pipe Run 0 WL 6.0
 Total Depth 3610 Chlorides 1000 ppm System LCM 1#
 Blow Description IF- Surface Blow built to 1/4" then died back to 3/4"
ISI- NO Return
FF- Surface Blow started at 18min. Built to 1/4"
FST- NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>WM</u>		<u>10</u>	<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 89 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1773</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>6:50 PM</u>
(B) First Initial Flow	<u>11</u>	<input type="checkbox"/> Jars		T-Started	<u>8:00 PM</u>
(C) First Final Flow	<u>23</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>10:00 PM</u>
(D) Initial Shut-In	<u>1104</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>1:00 AM</u>
(E) Second Initial Flow	<u>25</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>2:35 AM</u>
(F) Second Final Flow	<u>35</u>	<input checked="" type="checkbox"/> Mileage	<u>93 RT 144.15</u>	Comments	
(G) Final Shut-In	<u>1034</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1715</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>45</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Day Standby		Total	<u>1294.15</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1294.15</u>		

Approved By _____ Our Representative 

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50703

Well Name & No. Esslinger Ranch, Inc #3-27 Test No. 2 Date 4-15-13
 Company Baird Oil Co., LLC Elevation 2365 KB 2355 GL
 Address 113 W Main, Logan, KS 67649
 Co. Rep / Geo. Rich Bell Rig WW #12
 Location: Sec. 27 Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3725-3757 Zone Tested LKC - "J"
 Anchor Length 32 Drill Pipe Run 3602 Mud Wt. 9.1
 Top Packer Depth 3721 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 3725 Wt. Pipe Run 0 WL 64
 Total Depth 3757 Chlorides 1400 ppm System LCM 1#

Blow Description IF - 1/8" Blow did not build or die.
ISI - NO Return
FF - Bwled tool after Initial Shut in.
FSI -

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

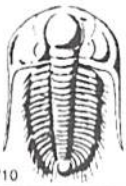
Rec Total 5 BHT 89 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic	<u>1879</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>6:20 PM</u>
(B) First Initial Flow	<u>9</u>	<input type="checkbox"/> Jars		T-Started	<u>7:25 PM</u>
(C) First Final Flow	<u>12</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>9:20 PM</u>
(D) Initial Shut-In	<u>40</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>10:20 10:50 PM</u>
(E) Second Initial Flow	<u>-</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>12:30 AM</u>
(F) Second Final Flow	<u>-</u>	<input checked="" type="checkbox"/> Mileage	<u>93 RT 144.15</u>	Comments	<u>Rig was fixing high drum chain, took an extra 30min before coming off bottom.</u>
(G) Final Shut-In	<u>-</u>	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	<u>1834</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Packer	

Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>30-60</u>	<input type="checkbox"/> Extra Packer		Sub Total	<u>0</u>
Final Flow	<u>-</u>	<input type="checkbox"/> Extra Recorder		Total	<u>1294.15</u>
Final Shut-In	<u>-</u>	<input type="checkbox"/> Day Standby		MP/DST Disc't	
		<input type="checkbox"/> Accessibility		Sub Total	<u>1294.15</u>

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50704

Well Name & No. Esslinger Ranch, Inc. #3-27 Test No. 3 Date 4-16-13
 Company Baird Oil Co., LLC Elevation 2365 KB 2355 GL
 Address 113 W Main Logan, KS 67649
 Co. Rep / Geo. Rich Bell Rig WW #12
 Location: Sec. 27 Twp. 3S Rge. 22W Co. Norton State KS

Interval Tested 3755-3790 Zone Tested LKC "K-L"
 Anchor Length 35 Drill Pipe Run 3634 Mud Wt. 9.1
 Top Packer Depth 3751 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 3755 Wt. Pipe Run Ø WL 6.4
 Total Depth 3790 Chlorides 1,400 ppm System LCM 1#
 Blow Description IF - Blow built to 2 1/8"
ISI - NO Return
FF - Blow built to 2 3/4"
FSI - NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Free Oil</u>	<u>100</u>			
<u>57</u>	<u>MCO</u>	<u>50</u>		<u>50</u>	

Rec Total 62 BHT 89° Gravity 36 API RW -@ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1905 Test 1150 T-On Location 7:30 AM
 (B) First Initial Flow 12 Jars T-Started 8:40 AM
 (C) First Final Flow 26 Safety Joint T-Open 10:40 AM
 (D) Initial Shut-In 1024 Circ Sub N/C T-Pulled 1:40 PM
 (E) Second Initial Flow 29 Hourly Standby T-Out 3:45 PM
 (F) Second Final Flow 40 Mileage 288.30 93 RTX2 Comments loaded tools
 (G) Final Shut-In 905 Sampler 8:00 AM 4-17-13
 (H) Final Hydrostatic 1897 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 45 Extra Recorder Sub Total 0
 Initial Shut-In 45 Day Standby Total 1438.30
 Final Flow 45 Accessibility MP/DST Disc't
 Final Shut-In 45 Sub Total 1438.30

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