



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

ATTN: Paul Gunzelman

26-2s-26w Decatur,KS

Henningson-Kiser #1-26

Start Date: 2013.07.23 @ 15:30:00

End Date: 2013.07.23 @ 20:47:30

Job Ticket #: 52144 DST #: 1

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

Printed: 2013.07.26 @ 10:40:13

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

26-2s-26w Decatur,KS

DST # 1

Toronto

2013.07.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52144

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2013.07.23 @ 15:30:00

Tool Information

Drill Pipe:	Length: 3342.00 ft	Diameter: 3.80 inches	Volume: 46.88 bbl	Tool Weight: 2500.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.48 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3460.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 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			3433.00	
Shut In Tool	5.00			3438.00	
Hydraulic tool	5.00			3443.00	
Jars	5.00			3448.00	
Safety Joint	3.00			3451.00	
Packer	5.00			3456.00	28.00 Bottom Of Top Packer
Packer	4.00			3460.00	
Stubb	1.00			3461.00	
Recorder	0.00	8653	Inside	3461.00	
Recorder	0.00	8520	Outside	3461.00	
Perforations	30.00			3491.00	
Bullnose	5.00			3496.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52144

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2013.07.23 @ 15:30:00

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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 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:

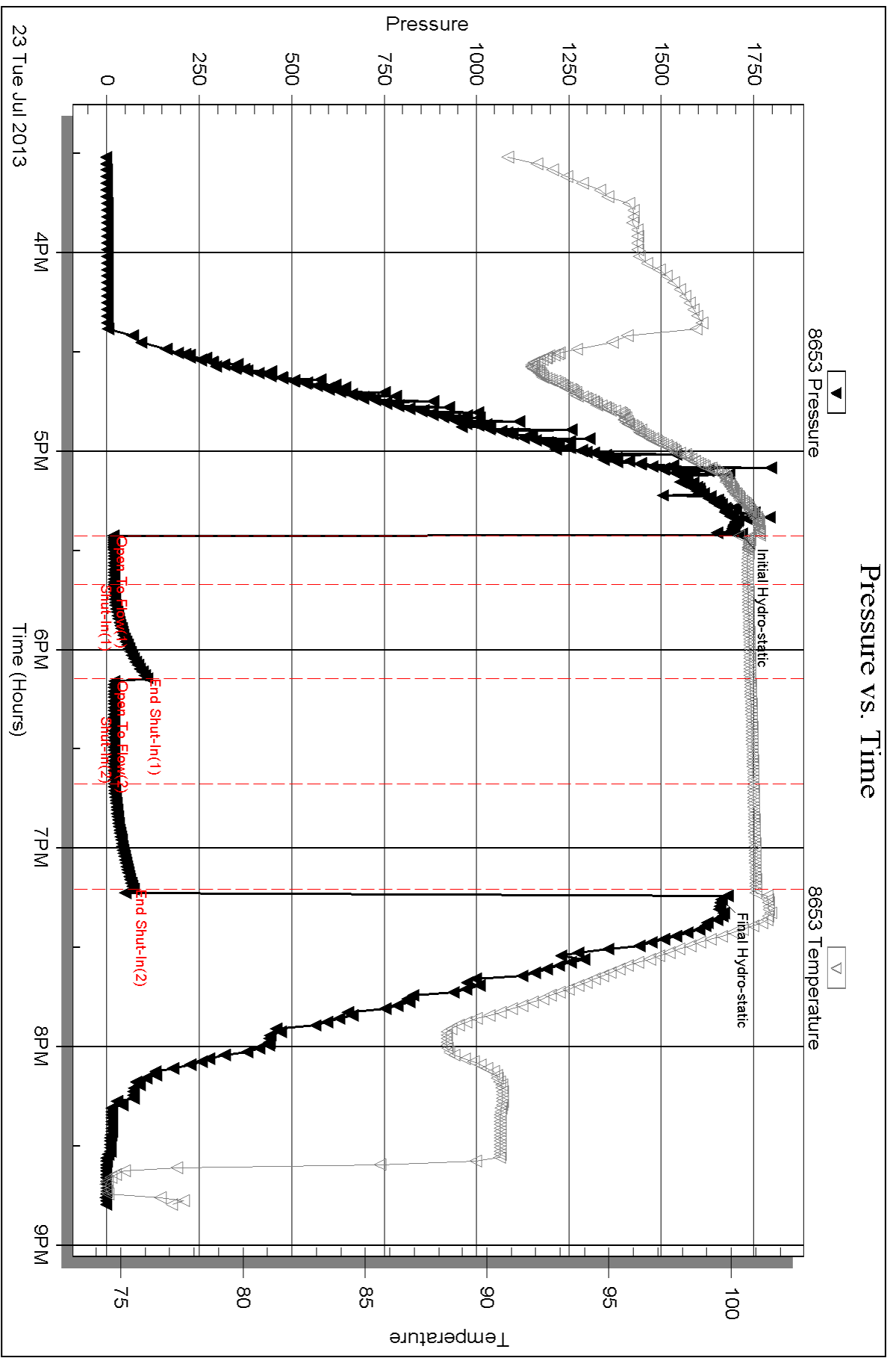
Serial #: 8653

Inside

Norstar Petroleum, Inc.

26-2s-26w Decatur, KS

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 52144

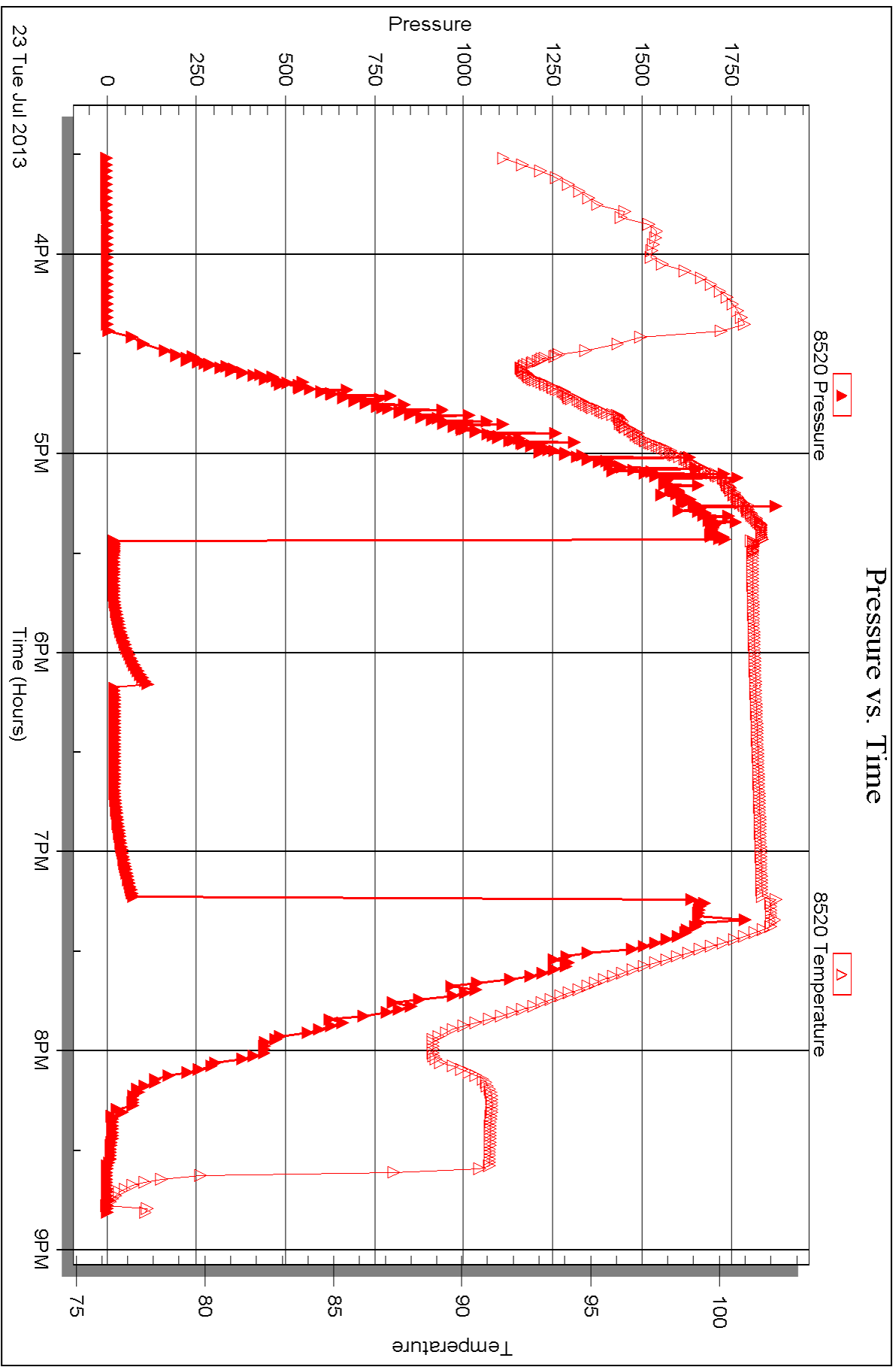
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Serial #: 8520

Outside Norstar Petroleum, Inc.

26-2s-26w Decatur, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

ATTN: Paul Gunzelman

26-2s-26w Decatur,KS

Henningson-Kiser #1-26

Start Date: 2013.07.24 @ 04:05:00

End Date: 2013.07.24 @ 09:34:00

Job Ticket #: 52145 DST #: 2

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

Printed: 2013.07.26 @ 10:39:37

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

26-2s-26w Decatur,KS

DST # 2

Pollnow

2013.07.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.
88 Inverness Cir. E Unit F 104
Englewood, CO. 80112
ATTN: Paul Gunzelman

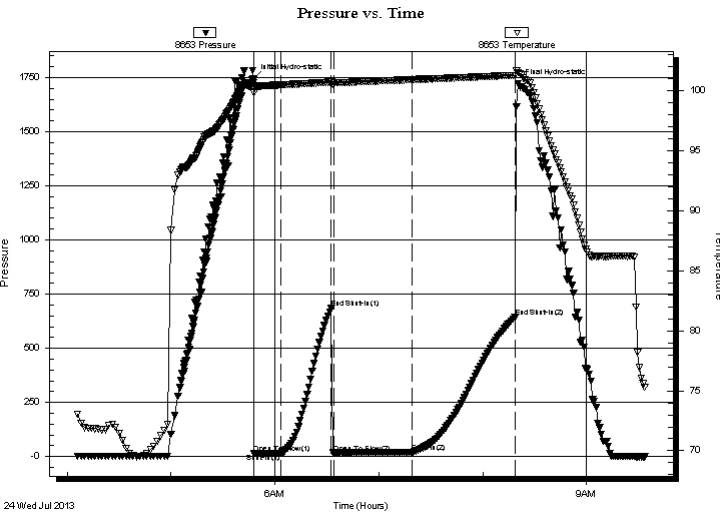
Henningson-Kiser #1-26
26-2s-26w Decatur,KS
Job Ticket: 52145 **DST#: 2**
Test Start: 2013.07.24 @ 04:05:00

GENERAL INFORMATION:

Formation: **Pollnow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:48:00
Time Test Ended: 09:34:00
Interval: **3512.00 ft (KB) To 3533.00 ft (KB) (TVD)**
Total Depth: 3533.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 66
Reference Elevations: 2592.00 ft (KB)
2589.00 ft (CF)
KB to GR/CF: 3.00 ft

Serial #: 8653 Inside
Press @ Run Depth: 20.59 psig @ 3513.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24
Start Time: 04:06:00 End Time: 09:34:00 Time On Btm: 2013.07.24 @ 05:47:50
Time Off Btm: 2013.07.24 @ 08:20:30

TEST COMMENT: 15 - IF- Weak Surface Blow built to 1/8"
30 - IS- No Return
45 - FF- No Blow
60 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1746.11	100.70	Initial Hydro-static
1	16.43	99.86	Open To Flow (1)
16	16.23	100.51	Shut-In(1)
45	685.32	100.73	End Shut-In(1)
47	16.99	100.66	Open To Flow (2)
92	20.59	100.93	Shut-In(2)
151	642.56	101.29	End Shut-In(2)
153	1723.45	101.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	OCM 60M 40o	0.01
2.00	Free Oil 100o	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52145

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2013.07.24 @ 04:05:00

Tool Information

Drill Pipe:	Length: 3378.00 ft	Diameter: 3.80 inches	Volume: 47.38 bbl	Tool Weight: 2500.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 47.98 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3512.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 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			3485.00	
Shut In Tool	5.00			3490.00	
Hydraulic tool	5.00			3495.00	
Jars	5.00			3500.00	
Safety Joint	3.00			3503.00	
Packer	5.00			3508.00	28.00 Bottom Of Top Packer
Packer	4.00			3512.00	
Stubb	1.00			3513.00	
Recorder	0.00	8653	Inside	3513.00	
Recorder	0.00	8520	Outside	3513.00	
Perforations	15.00			3528.00	
Bullnose	5.00			3533.00	21.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52145

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2013.07.24 @ 04:05:00

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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	OCM 60M 40o	0.015
2.00	Free Oil 100o	0.010

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 #: 8653

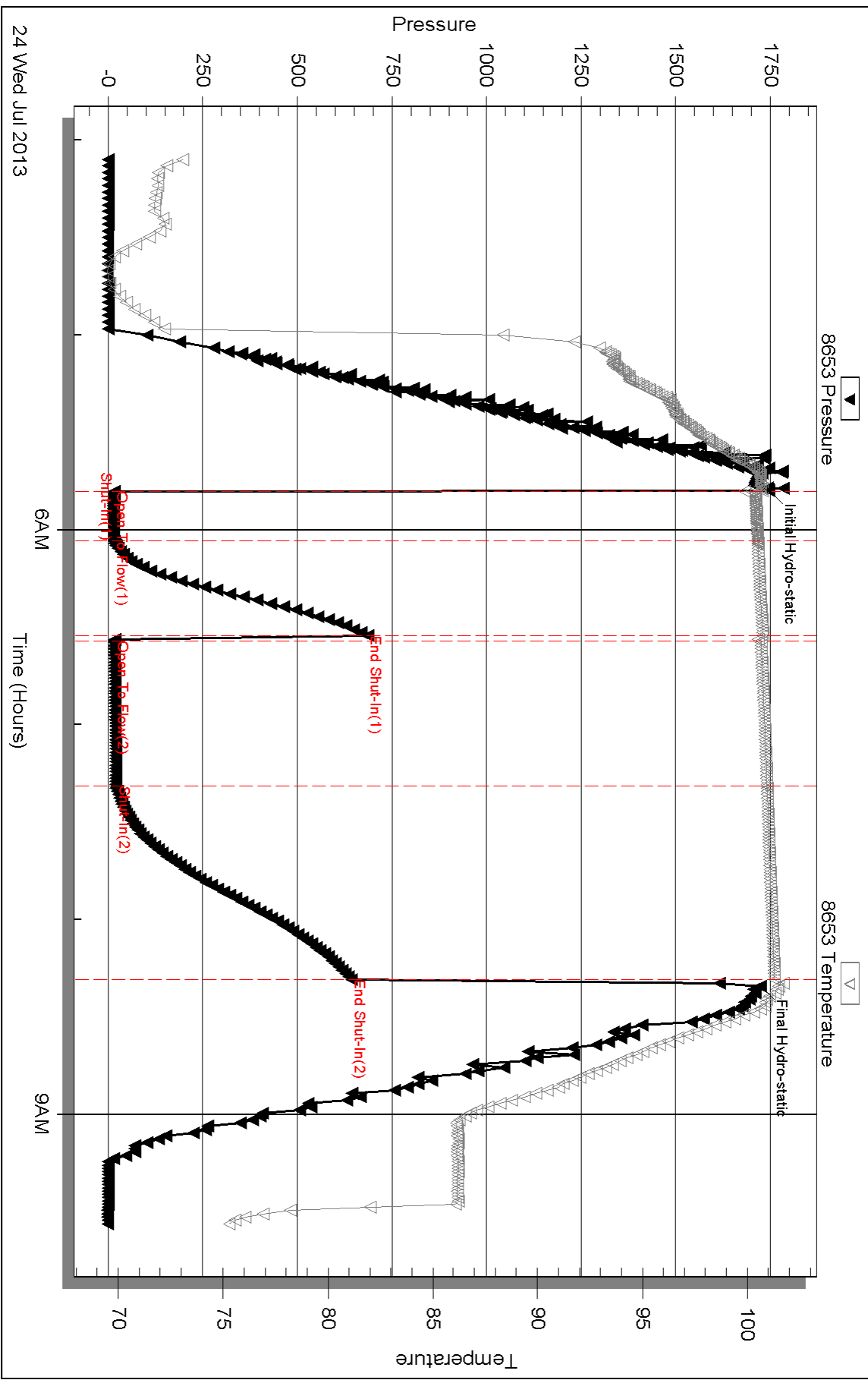
Inside

Norstar Petroleum, Inc.

26-2s-26w Decatur, KS

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52145

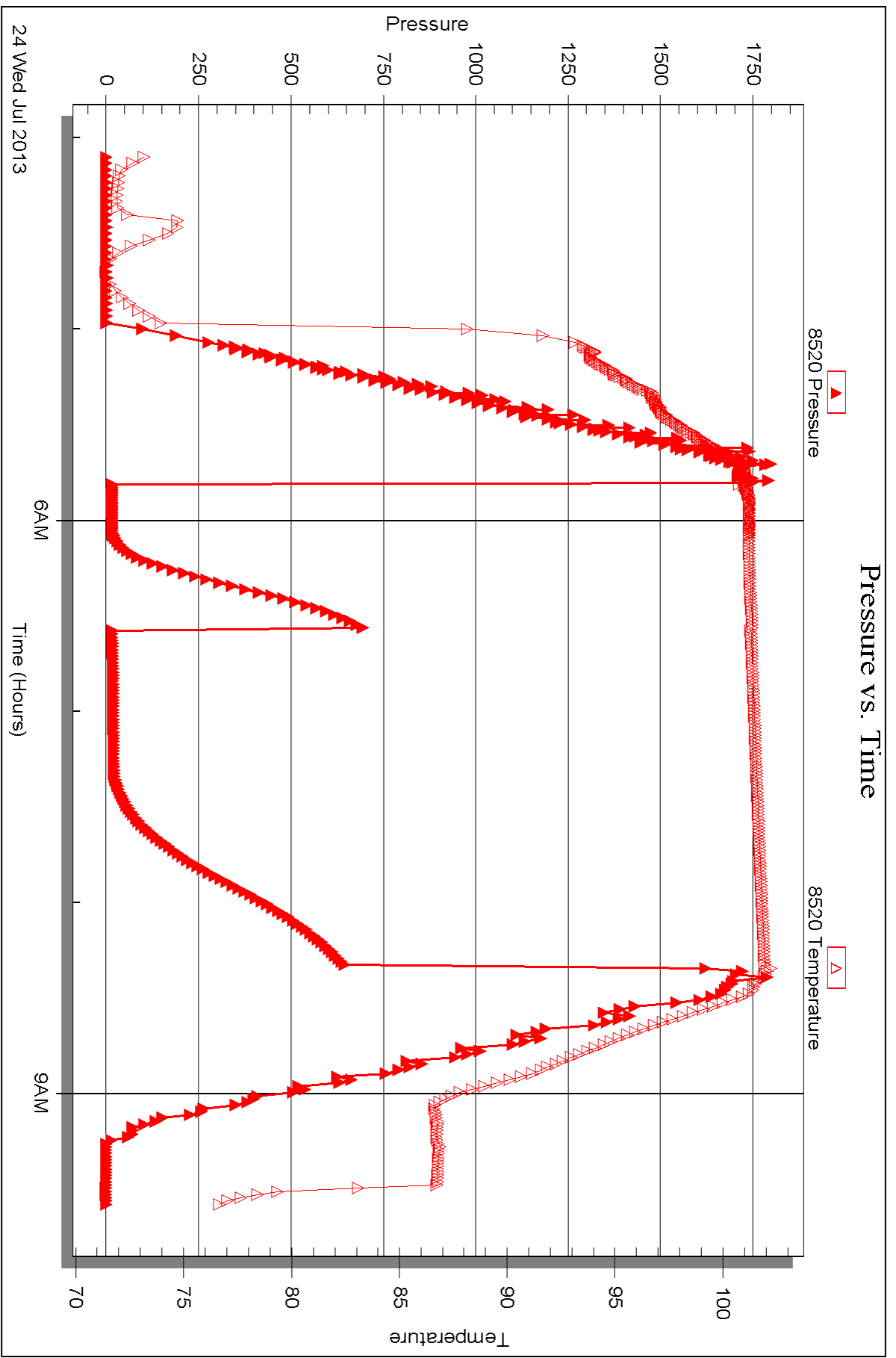
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Serial #: 8520

Outside Norstar Petroleum, Inc.

26-2s-26w Decatur, KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

ATTN: Paul Gunzelman

26-2s-26w Decatur,KS

Henningson-Kiser #1-26

Start Date: 2013.07.24 @ 22:40:00

End Date: 2013.07.25 @ 04:00:00

Job Ticket #: 52146 DST #: 3

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

Printed: 2013.07.26 @ 10:38:51



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.
 88 Inverness Cir. E Unit F 104
 Englewood, CO. 80112
 ATTN: Paul Gunzelman

Henningson-Kiser #1-26
26-2s-26w Decatur,KS
 Job Ticket: 52146 **DST#: 3**
 Test Start: 2013.07.24 @ 22:40:00

GENERAL INFORMATION:

Formation: **LKC "H-J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:29:50 Tester: Kevin Mack
 Time Test Ended: 04:00:00 Unit No: 66
 Interval: **3591.00 ft (KB) To 3654.00 ft (KB) (TVD)** Reference Elevations: 2592.00 ft (KB)
 Total Depth: 3654.00 ft (KB) (TVD) 2589.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 3.00 ft

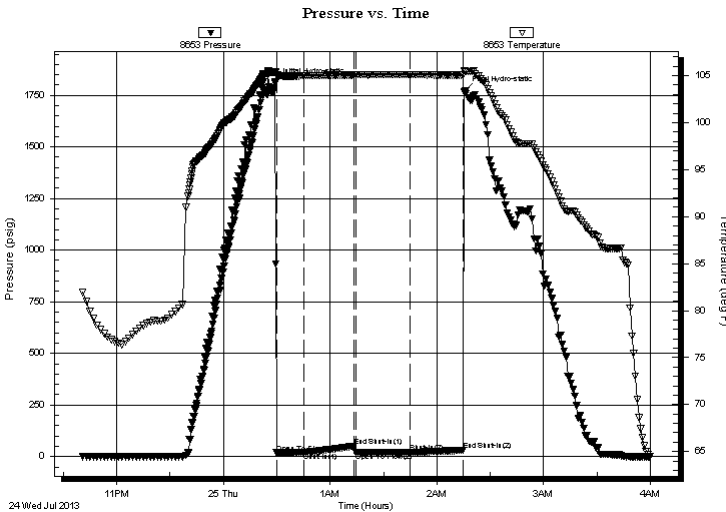
Serial #: 8653

Inside

Press @ RunDepth: 20.36 psig @ 3592.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.24 End Date: 2013.07.25 Last Calib.: 2013.07.25
 Start Time: 22:41:00 End Time: 04:00:00 Time On Btm: 2013.07.25 @ 00:29:20
 Time Off Btm: 2013.07.25 @ 02:16:00

TEST COMMENT: 15 - IF- 1/8" Blow died in 12 min.
 30 - IS- No Return
 30 - FF- No Blow
 30 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.57	105.48	Initial Hydro-static
1	17.83	104.99	Open To Flow (1)
16	19.23	104.99	Shut-In(1)
45	51.19	105.08	End Shut-In(1)
46	19.87	105.08	Open To Flow (2)
76	20.36	105.09	Shut-In(2)
106	30.45	105.08	End Shut-In(2)
107	1770.70	105.47	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

TOOL DIAGRAM

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52146

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2013.07.24 @ 22:40:00

Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight: 2500.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.23 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3591.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	91.00 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			3564.00	
Shut In Tool	5.00			3569.00	
Hydraulic tool	5.00			3574.00	
Jars	5.00			3579.00	
Safety Joint	3.00			3582.00	
Packer	5.00			3587.00	28.00 Bottom Of Top Packer
Packer	4.00			3591.00	
Stubb	1.00			3592.00	
Recorder	0.00	8653	Inside	3592.00	
Recorder	0.00	8520	Outside	3592.00	
Perforations	24.00			3616.00	
Change Over Sub	1.00			3617.00	
Drill Pipe	31.00			3648.00	
Change Over Sub	1.00			3649.00	
Bullnose	5.00			3654.00	63.00 Bottom Packers & Anchor

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

Henningson-Kiser #1-26

88 Inverness Cir. E Unit F 104
Englewood, CO. 80112

26-2s-26w Decatur,KS

Job Ticket: 52146

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2013.07.24 @ 22:40:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 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 #: 8653

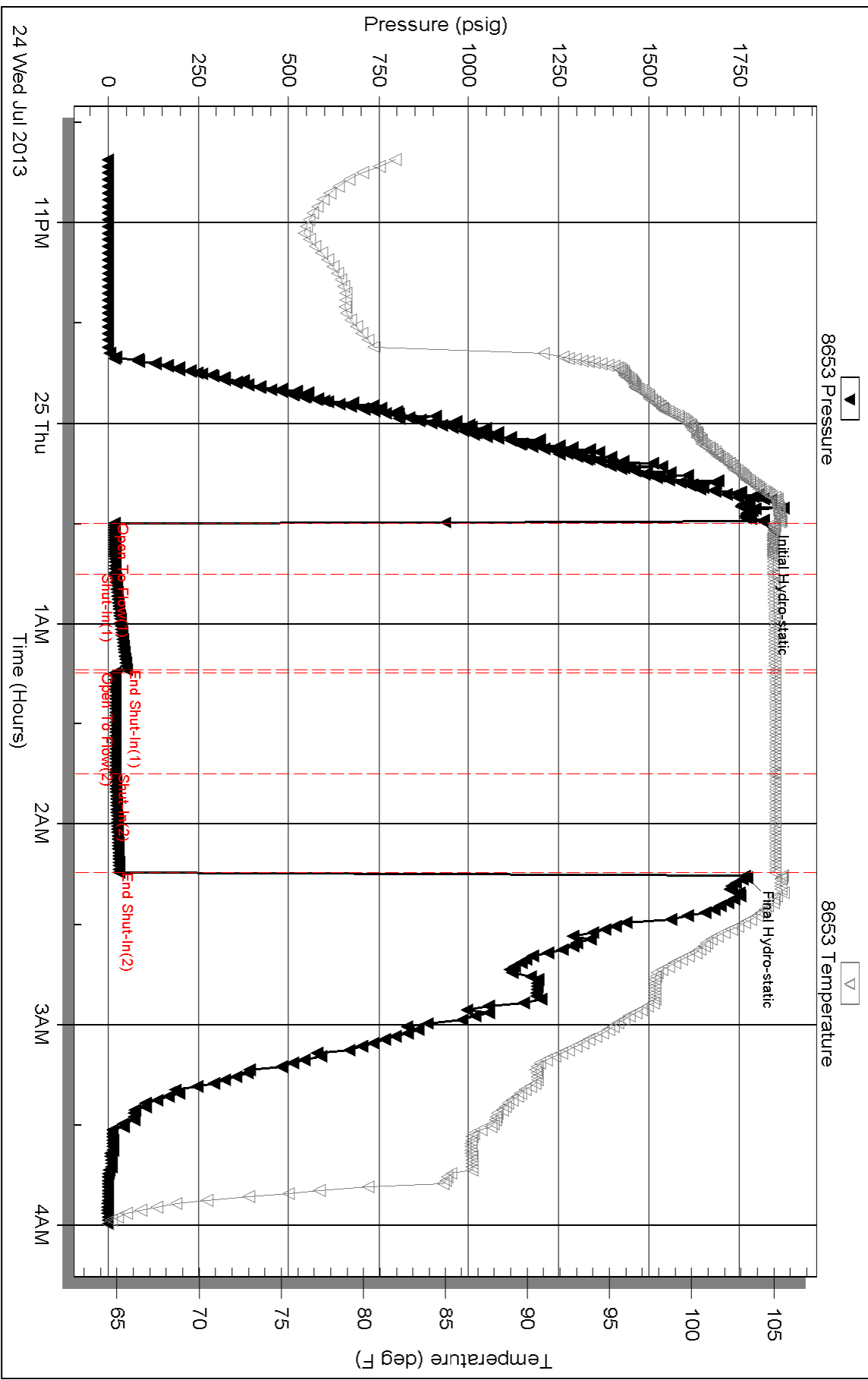
Inside

Norstar Petroleum, Inc.

26-2s-26w Decatur, KS

DST Test Number: 3

Pressure vs. Time

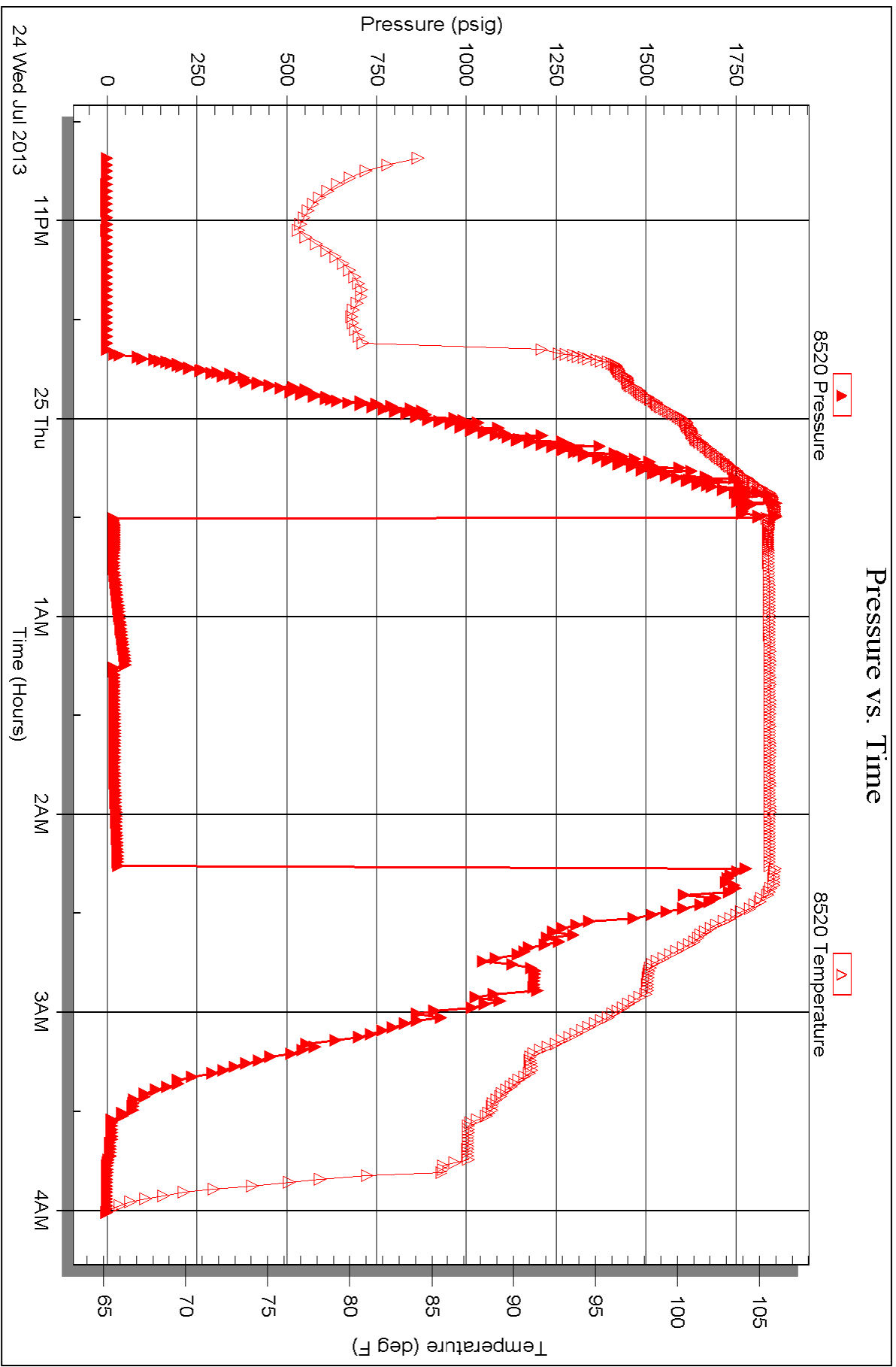


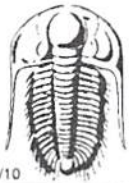
Serial #: 8520

Outside Norstar Petroleum, Inc.

26-25-26w Decatur, KS

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52144

4/10

Well Name & No. Hemmingson-Kiser #1-26 Test No. 1 Date 7-23-13
 Company Norstar Petroleum, Inc. Elevation 2592 KB 2589 GL
 Address 88 Inverness Cir. E Unit #F104 Englewood CO. 80112
 Co. Rep / Geo. Paul Gunzelman Rig WW#6
 Location: Sec. 26 Twp. 2S Rge. 26W Co. _____ State KS

Interval Tested 3460-3496 Zone Tested Toronto
 Anchor Length 36' Drill Pipe Run 3342 Mud Wt. 9
 Top Packer Depth 3456 Drill Collars Run 121' Vis 68
 Bottom Packer Depth 3460 Wt. Pipe Run 0 WL 6.4
 Total Depth 3496 Chlorides 800 ppm System LCM 2#

Blow Description IF - Surface Blow died in 10 min.
ISI - No Return
FF - No Blow
FST - No Return

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 Total 5 BHT 1001 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1716</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2:40 PM</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>3:30 PM</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>5:25 PM</u>
(D) Initial Shut-In <u>110</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>7:10 PM</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>9:00 PM</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments _____
(G) Final Shut-In <u>72</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1662</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>15</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>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1540.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1540.10</u>	

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. 52145

Well Name & No. Henningson-Kiser #1-26 Test No. 2 Date 7-24-13
 Company Norstar Petroleum, Inc. Elevation 2592 KB 2589 GL
 Address 88 Inverness Cir. E Unit F#104 Englewood, CO 80112
 Co. Rep / Geo. Pow Gunzelman Rig BW #6
 Location: Sec. 26 Twp. 2S Rge. 26W Co. Decatur State KS

Interval Tested 3512-3533 Zone Tested Pullnow
 Anchor Length 21' Drill Pipe Run 3378 Mud Wt. 9
 Top Packer Depth 3508 Drill Collars Run 121 Vis 68
 Bottom Packer Depth 3512 Wt. Pipe Run Ø WL 6.4
 Total Depth 3533 Chlorides 800 ppm System LCM 2#

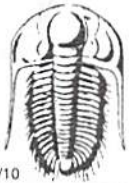
Blow Description IF - Weak surface blow built to 1/8"
ISI - No Return
FF - No Blow
FST - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Free Oil</u>	<u>100</u>			
<u>3</u>	<u>OCM</u>	<u>40</u>		<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 101 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1746</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>3:40 AM</u>
(B) First Initial Flow	<u>16</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>4:05 AM</u>
(C) First Final Flow	<u>16</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>5:50 AM</u>
(D) Initial Shut-In	<u>685</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NIC</u>	T-Pulled	<u>8:20 AM</u>
(E) Second Initial Flow	<u>18</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>9:45 AM</u>
(F) Second Final Flow	<u>20</u>	<input checked="" type="checkbox"/> Mileage	<u>42 RT</u> 65.10	Comments	
(G) Final Shut-In	<u>642</u>	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	<u>1723</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		Sub Total	<u>0</u>
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Total	<u>1540.10</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Day Standby		MP/DST Disc't	
		<input type="checkbox"/> Accessibility			
		Sub Total	<u>1540.10</u>		

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. 52146

Well Name & No. Henningson-Kiser #1-26 Test No. 3 Date 7-24-13
 Company Nurstar Petroleum, Inc. Elevation 2592 KB 2589 GL
 Address 88 Inverness Cir. E Unit F#104 Englewood, CO. 80112
 Co. Rep / Geo. Paul Gunzelman Rig WW#6
 Location: Sec. 26 Twp. 2S Rge. 26W Co. Decatur State KS

Interval Tested 3591-3654 Zone Tested LKC "H-J"
 Anchor Length 63' Drill Pipe Run 3467 Mud Wt. 9.1
 Top Packer Depth 3587 Drill Collars Run 121 Vis 61
 Bottom Packer Depth 3591 Wt. Pipe Run Ø WL 7.2
 Total Depth 3654 Chlorides 8000 ppm System LCM 2#

Blow Description IF- 1/8" Blow died in 12 min.
ISI- No Return
FF- No Blow
FSD- No Return

Rec	Feet of	%gas	%oil	%water	%mud
5	<u>mud</u>			<u>1000</u>	
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 1085 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1812</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>10:00 PM</u>
(B) First Initial Flow	<u>17</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>10:40 PM</u>
(C) First Final Flow	<u>19</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>12:30 AM</u>
(D) Initial Shut-In	<u>51</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NIC</u>	T-Pulled	<u>2:15 AM</u>
(E) Second Initial Flow	<u>19</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>4:10 AM</u>
(F) Second Final Flow	<u>20</u>	<input checked="" type="checkbox"/> Mileage	<u>42 RT</u> 130.20	Comments	<u>loaded tools 7/25 18:15</u>
(G) Final Shut-In	<u>30</u>	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	<u>1770</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		Sub Total	<u>0</u>
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Total	<u>1605.20</u>
Final Shut-In	<u>30</u>	<input type="checkbox"/> Day Standby		MP/DST Disc't	
		<input type="checkbox"/> Accessibility			
		Sub Total	<u>1605.20</u>		

Approved By _____ Our Representative

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