



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum Corporation**

1801 Broadway Suite 600
Denver CO, 80202 - 3858

ATTN: Bruce Ard

Saline Valley #1-28

28-10s-35w Thomas,KS

Start Date: 2014.02.01 @ 13:10:00

End Date: 2014.02.01 @ 22:35:30

Job Ticket #: 54605 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.05 @ 11:37:17



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54605

DST#: 1

ATTN: Bruce Ard

Test Start: 2014.02.01 @ 13:10:00

GENERAL INFORMATION:

Formation: **Lansing "I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:40:45

Time Test Ended: 22:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 4382.00 ft (KB) To 4455.00 ft (KB) (TVD)

Reference Elevations: 3331.00 ft (KB)

Total Depth: 4455.00 ft (KB) (TVD)

3321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 175.05 psig @ 4383.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2002.02.01

End Date:

2002.02.01

Last Calib.:

2002.01.09

Start Time: 13:10:15

End Time:

22:35:30

Time On Btm:

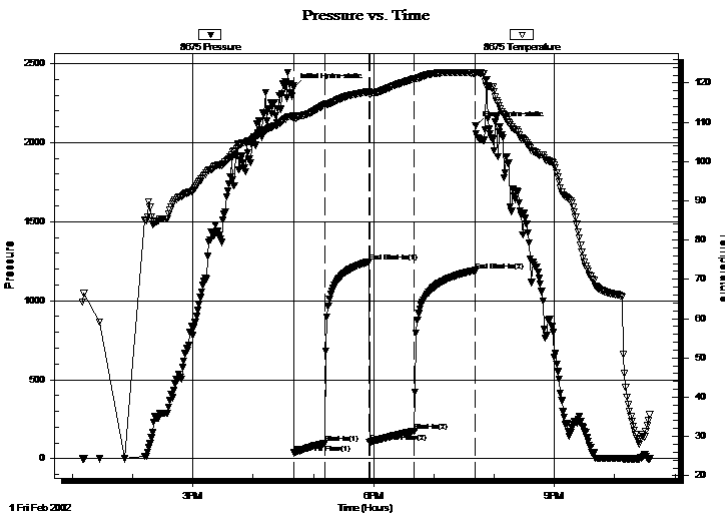
2002.02.01 @ 16:40:15

Time Off Btm:

2002.02.01 @ 19:41:30

TEST COMMENT: Built to 10 1/2" blow
Bled off for 5 min. No return blow
B.O.B. in 40 min.
Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.57	111.53	Initial Hydro-static
1	37.94	110.86	Open To Flow (1)
31	98.74	114.47	Shut-In(1)
76	1247.50	117.75	End Shut-In(1)
76	105.98	117.11	Open To Flow (2)
121	175.05	121.01	Shut-In(2)
181	1191.53	122.53	End Shut-In(2)
182	2106.39	122.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
86.00	100% M	1.21
189.00	mcw 25%M 75%W	2.65

Gas Rates

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



DRILL STEM TEST REPORT

Forestar Petroleum Corporation
1801 Broadway Suite 600
Denver CO, 80202 - 3858
ATTN: Bruce Ard

28-10s-35w Thomas,KS

Saline Valley #1-28

Job Ticket: 54605

DST#: 1

Test Start: 2014.02.01 @ 13:10:00

GENERAL INFORMATION:

Formation: **Lansing "I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:40:45

Time Test Ended: 22:35:30

Interval: 4382.00 ft (KB) To 4455.00 ft (KB) (TVD)

Total Depth: 4455.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Reference Elevations: 3331.00 ft (KB)

3321.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 4383.00 ft (KB)

Start Date: 2002.02.01

End Date: 2002.02.01

Start Time: 13:10:15

End Time: 22:35:15

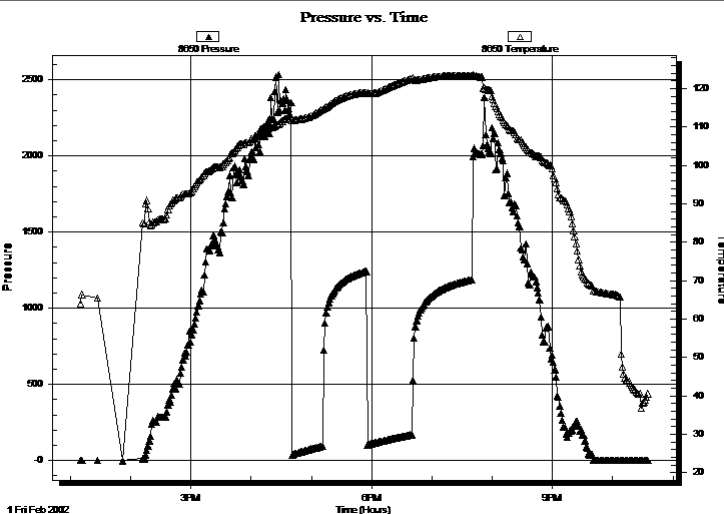
Capacity: 8000.00 psig

Last Calib.: 2002.01.09

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 10 1/2" blow
Bled off for 5 min. No return blow
B.O.B. in 40 min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
86.00	100% M	1.21
189.00	mcw 25%M 75%W	2.65

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54605

DST#: 1

ATTN: Bruce Ard

Test Start: 2014.02.01 @ 13:10:00

Tool Information

Drill Pipe:	Length: 4387.53 ft	Diameter: 3.80 inches	Volume: 61.55 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:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	64000.00 lb
			<u>Total Volume: 61.55 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.03 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	4382.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	73.00 ft				
Tool Length:	100.50 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			4355.50	
Shut In Tool	5.00			4360.50	
Hydraulic tool	5.00			4365.50	
Jars	5.00			4370.50	
Safety Joint	2.50			4373.00	
Packer	5.00			4378.00	27.50 Bottom Of Top Packer
Packer	4.00			4382.00	
Stubb	1.00			4383.00	
Recorder	0.00	8675	Inside	4383.00	
Recorder	0.00	8650	Outside	4383.00	
Perforations	35.00			4418.00	
Change Over Sub	1.00			4419.00	
Drill Pipe	32.00			4451.00	
Change Over Sub	1.00			4452.00	
Bullnose	3.00			4455.00	73.00 Bottom Packers & Anchor

Total Tool Length: 100.50



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DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54605

DST#: 1

ATTN: Bruce Ard

Test Start: 2014.02.01 @ 13:10:00

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: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
86.00	100% M	1.206
189.00	mcw 25%M 75%W	2.651

Total Length: 275.00 ft Total Volume: 3.857 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .18 @ 66 F = 40,000

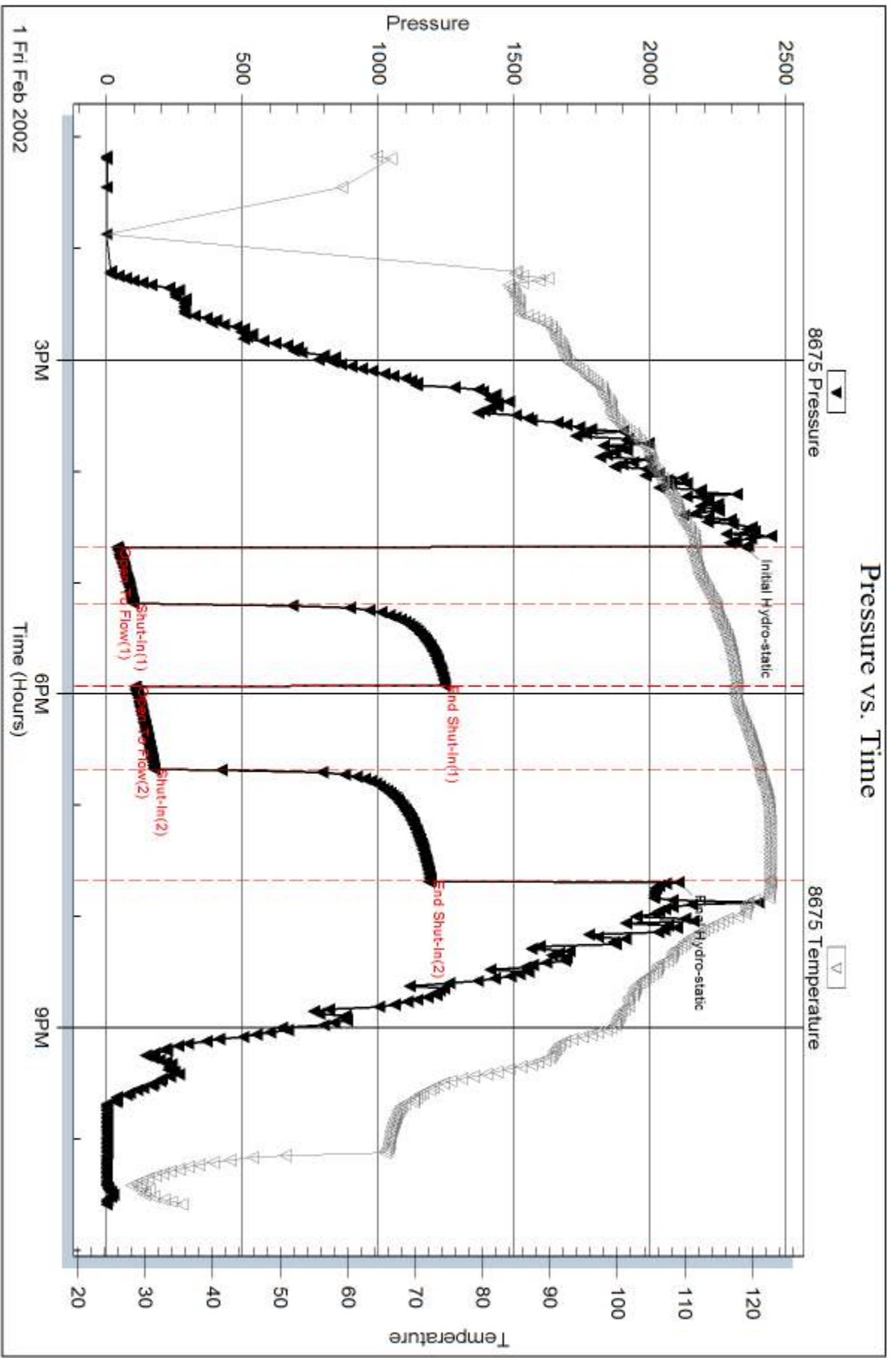
Serial #: 8675

Inside

Forestar Petroleum Corporation

Saline Valley #1-28

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54605

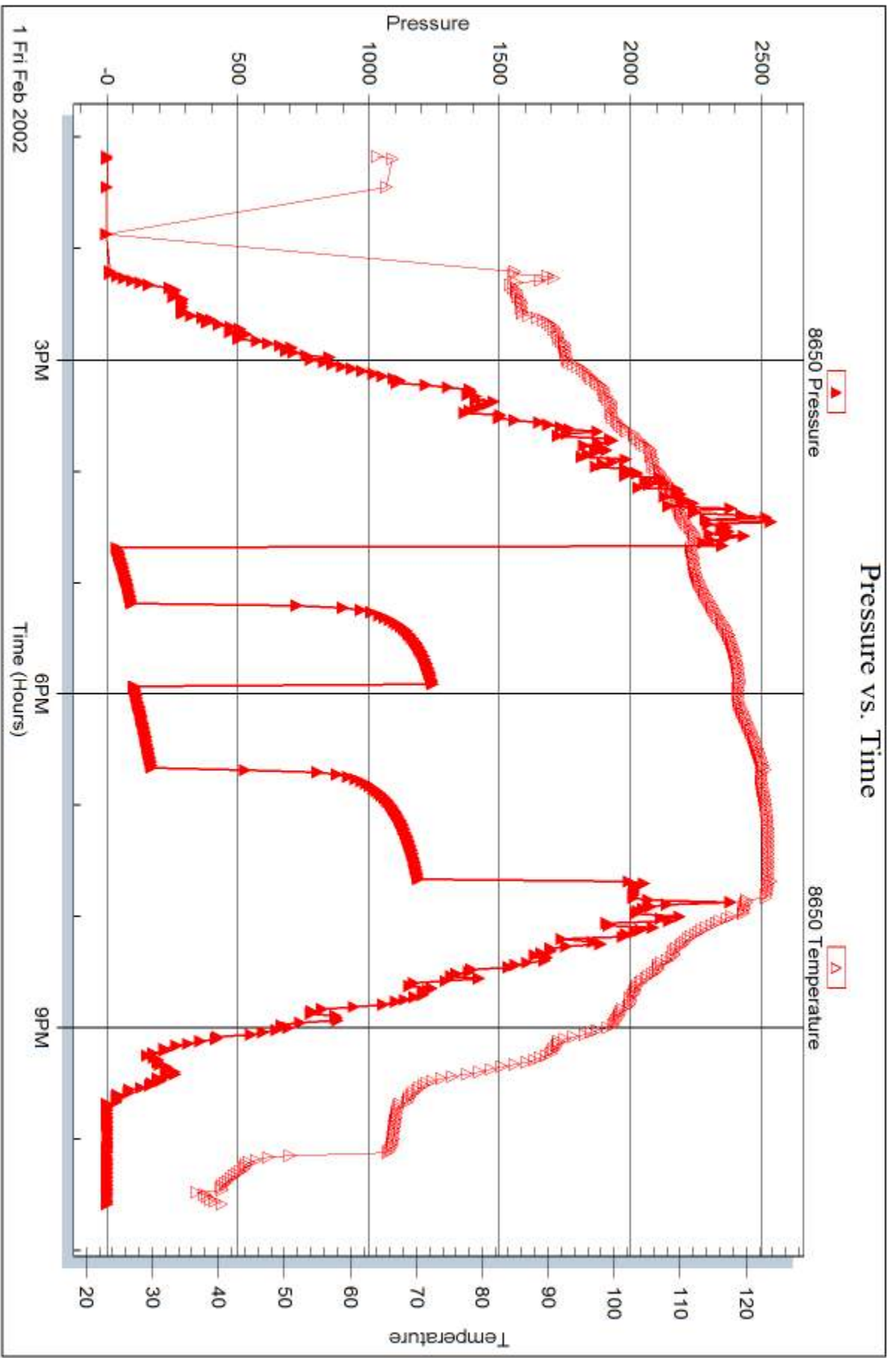
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Serial #: 8650

Outside Forestar Petroleum Corporation

Saline Valley #1-28

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54605

Printed: 2014.02.05 @ 11:37:19



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum Corporation**

1801 Broadway Suite 600
Denver CO, 80202 - 3858

ATTN: Bruce Ard

Saline Valley #1-28

28-10s-35w Thomas,KS

Start Date: 2014.02.03 @ 19:45:00

End Date: 2014.02.04 @ 04:01:30

Job Ticket #: 54606 DST #: 2

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

Printed: 2014.02.05 @ 11:36:31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54606

DST#: 2

ATTN: Bruce Ard

Test Start: 2014.02.03 @ 19:45:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:34:45

Time Test Ended: 04:01:30

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4732.00 ft (KB) To 4775.00 ft (KB) (TVD)

Reference Elevations: 3331.00 ft (KB)

Total Depth: 4840.00 ft (KB) (TVD)

3321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 1104.30 psig @ 4733.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.03

End Date:

2014.02.04

Last Calib.: 2002.01.11

Start Time: 19:45:15

End Time:

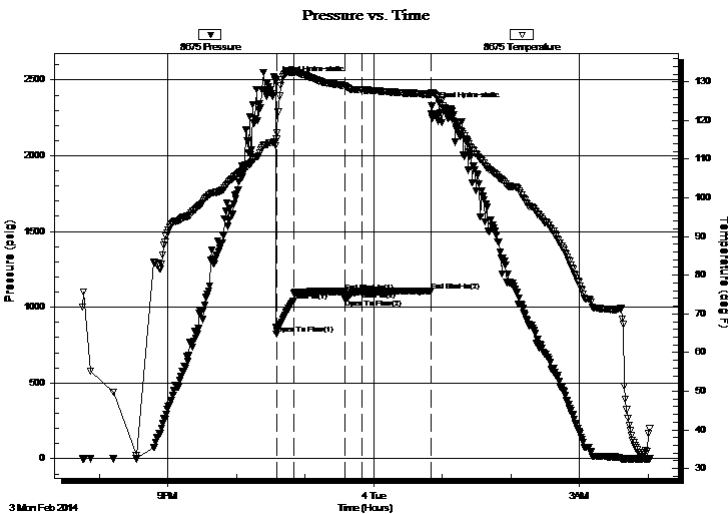
04:01:30

Time On Btm: 2014.02.03 @ 22:34:00

Time Off Btm: 2014.02.04 @ 00:50:30

TEST COMMENT: B.O.B. in 18 seconds
Bled off for 5 min. No return blow
B.O.B. in 1 1/2" min.
Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2493.46	114.43	Initial Hydro-static
1	821.92	115.15	Open To Flow (1)
16	1043.39	132.36	Shut-In(1)
61	1104.46	128.94	End Shut-In(1)
61	1055.72	128.88	Open To Flow (2)
76	1104.30	127.91	Shut-In(2)
136	1105.46	126.74	End Shut-In(2)
137	2327.20	127.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	100% Mud	2.67
567.00	w cgm 5%W 10%G 85%M	7.95
315.00	mcw 50%M 59%W	4.42
189.00	mcw 20%M 80%W	2.65
1134.00	100% Water	15.91

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54606

DST#: 2

ATTN: Bruce Ard

Test Start: 2014.02.03 @ 19:45:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:34:45

Time Test Ended: 04:01:30

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4732.00 ft (KB) To 4775.00 ft (KB) (TVD)

Reference Elevations: 3331.00 ft (KB)

Total Depth: 4840.00 ft (KB) (TVD)

3321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 4733.00 ft (KB)

Start Date: 2014.02.03

End Date:

2014.02.04

Capacity: 8000.00 psig

Last Calib.:

2002.01.11

Start Time: 19:45:30

End Time:

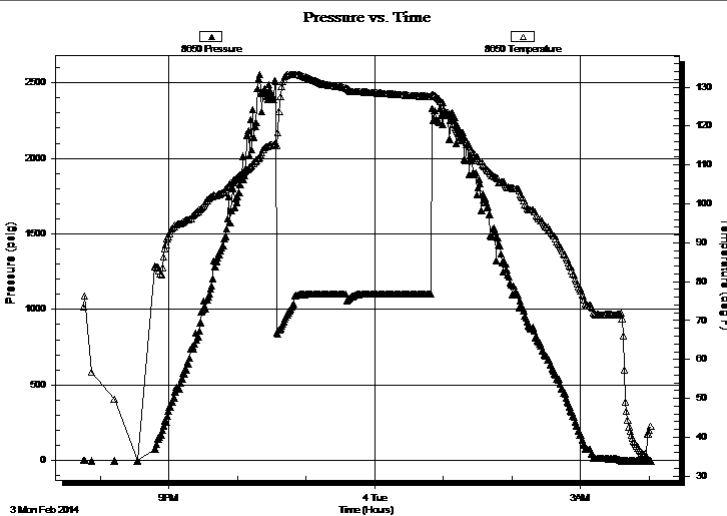
04:01:30

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 18 seconds
Bled off for 5 min. No return blow
B.O.B. in 1 1/2" min.
Bled off for 5 min. No return blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
190.00	100% Mud	2.67
567.00	w cgm 5%W 10%G 85%M	7.95
315.00	mcw 50%M 59%W	4.42
189.00	mcw 20%M 80%W	2.65
1134.00	100% Water	15.91

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

28-10s-35w Thomas, KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54606

DST#: 2

ATTN: Bruce Ard

Test Start: 2014.02.03 @ 19:45:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:34:45

Time Test Ended: 04:01:30

Test Type: Conventional Straddle (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4732.00 ft (KB) To 4775.00 ft (KB) (TVD)

Reference Elevations: 3331.00 ft (KB)

Total Depth: 4840.00 ft (KB) (TVD)

3321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6672 Below (Straddle)

Press@RunDepth: psig @ 4779.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.03

End Date:

2014.02.04

Last Calib.:

2002.01.11

Start Time: 19:45:01

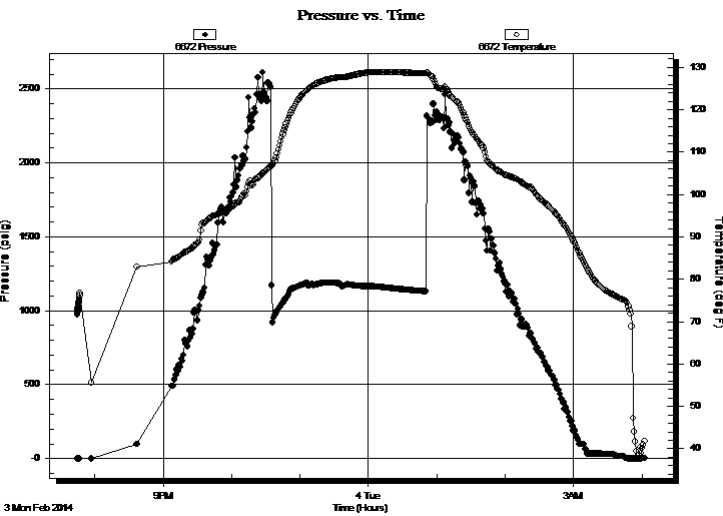
End Time:

04:02:30

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 18 seconds
Bled off for 5 min. No return blow
B.O.B. in 1 1/2" min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
190.00	100% Mud	2.67
567.00	w cgm 5%W 10%G 85%M	7.95
315.00	mcw 50%M 59%W	4.42
189.00	mcw 20%M 80%W	2.65
1134.00	100% Water	15.91

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54606

DST#: 2

ATTN: Bruce Ard

Test Start: 2014.02.03 @ 19:45:00

Tool Information

Drill Pipe:	Length: 4733.60 ft	Diameter: 3.80 inches	Volume: 66.40 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: 66.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.10 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4732.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	4772.00 ft			
Interval between Packers:	40.00 ft			
Tool Length:	137.50 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			4709.50	
Hydraulic tool	5.00			4714.50	
Jars	5.00			4719.50	
Safety Joint	2.50		Fluid	4722.00	
Packer	5.00			4727.00	27.50 Bottom Of Top Packer
Packer	5.00			4732.00	
Stubb	1.00			4733.00	
Recorder	0.00	8675	Inside	4733.00	
Recorder	0.00	8650	Outside	4733.00	
Perforations	38.00			4771.00	
Change Over Sub	0.00			4771.00	
drill Pipe	0.00			4771.00	
change Over Sub	0.00			4771.00	
Perforations	0.00			4771.00	
Blank Off Sub	1.00			4772.00	40.00 Tool Interval
Packer	5.00			4777.00	
Stubb	1.00			4778.00	
Change Over Sub	1.00			4779.00	
Recorder	0.00	6672	Below	4779.00	
Drill Pipe	63.00			4842.00	
Change Over Sub	0.00			4842.00	
Bullnose	0.00			4842.00	70.00 Bottom Packers & Anchor

Total Tool Length: 137.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum Corporation

28-10s-35w Thomas,KS

1801 Broadway Suite 600
Denver CO, 80202 - 3858

Saline Valley #1-28

Job Ticket: 54606

DST#: 2

ATTN: Bruce Ard

Test Start: 2014.02.03 @ 19:45:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	100% Mud	2.665
567.00	w cgm 5%W 10%G 85%M	7.954
315.00	mcw 50%M 59%W	4.419
189.00	mcw 20%M 80%W	2.651
1134.00	100% Water	15.907

Total Length: 2395.00 ft Total Volume: 33.596 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .18 @ 60 F = 50,000

Serial #: 8675

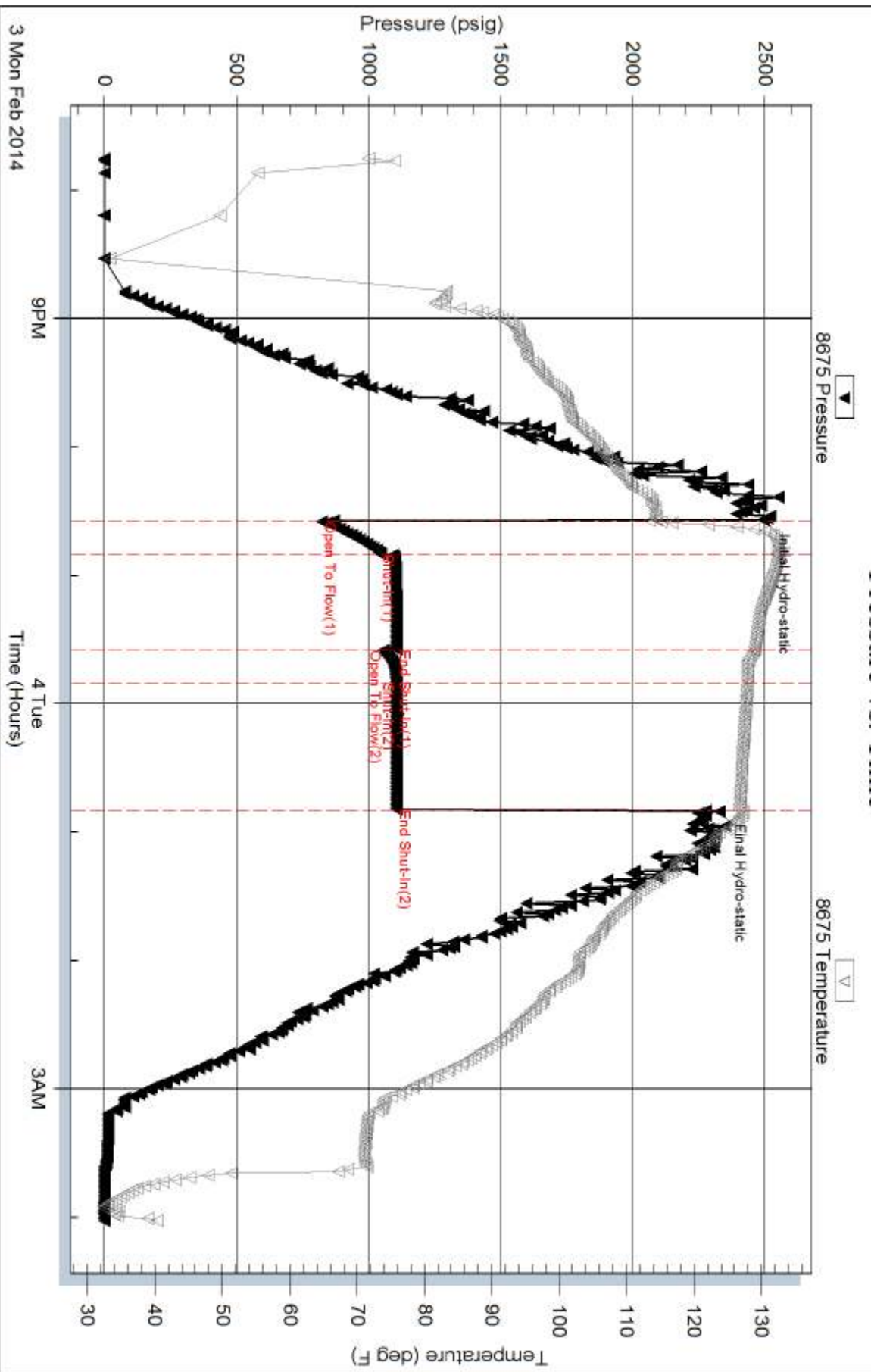
Inside

Forestar Petroleum Corporation

Saline Valley #1-28

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 54606

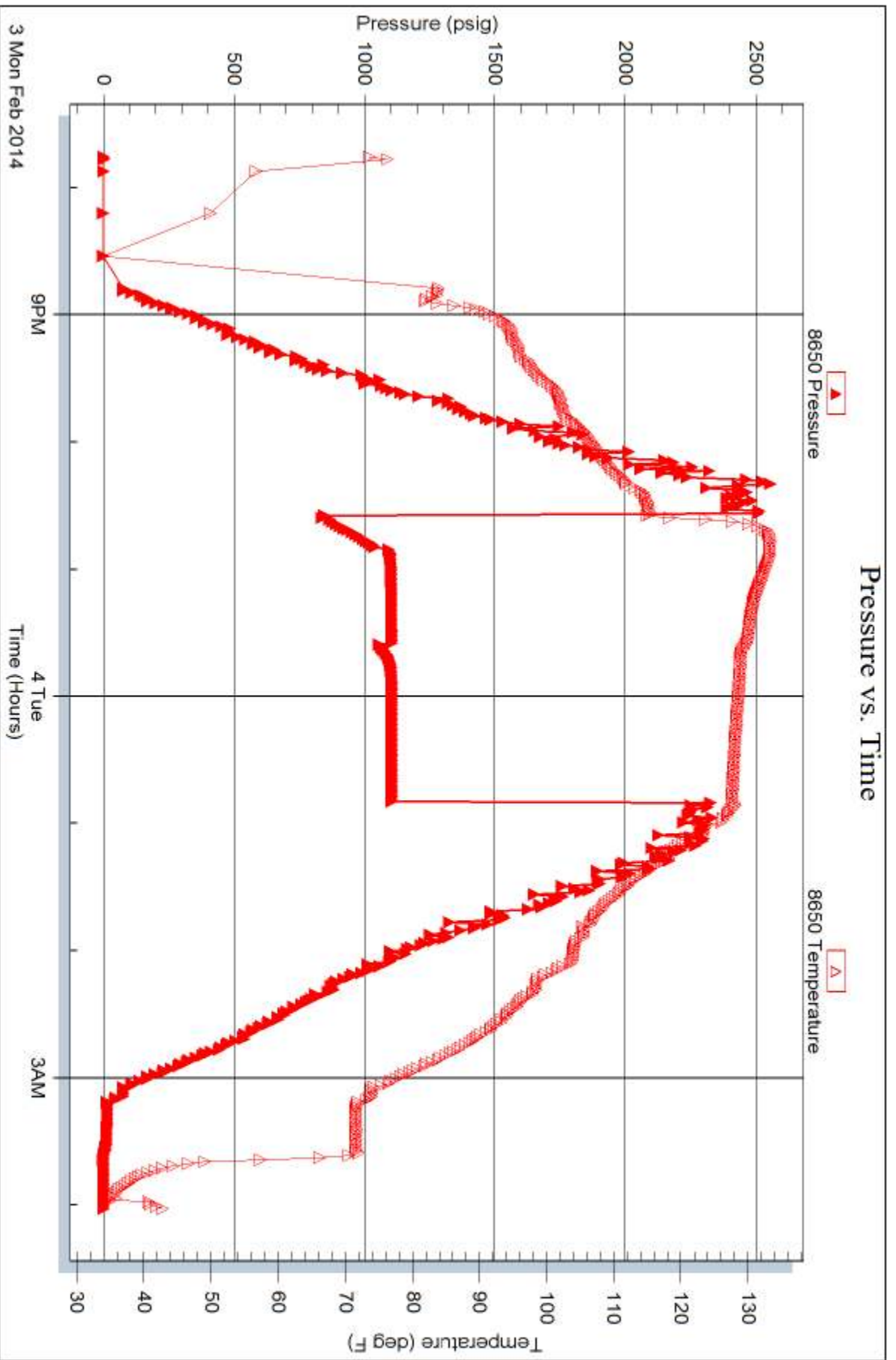
Printed: 2014.02.05 @ 11:36:33

Serial #: 8650

Outside Forestar Petroleum Corporation

Saline Valley #1-28

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54606

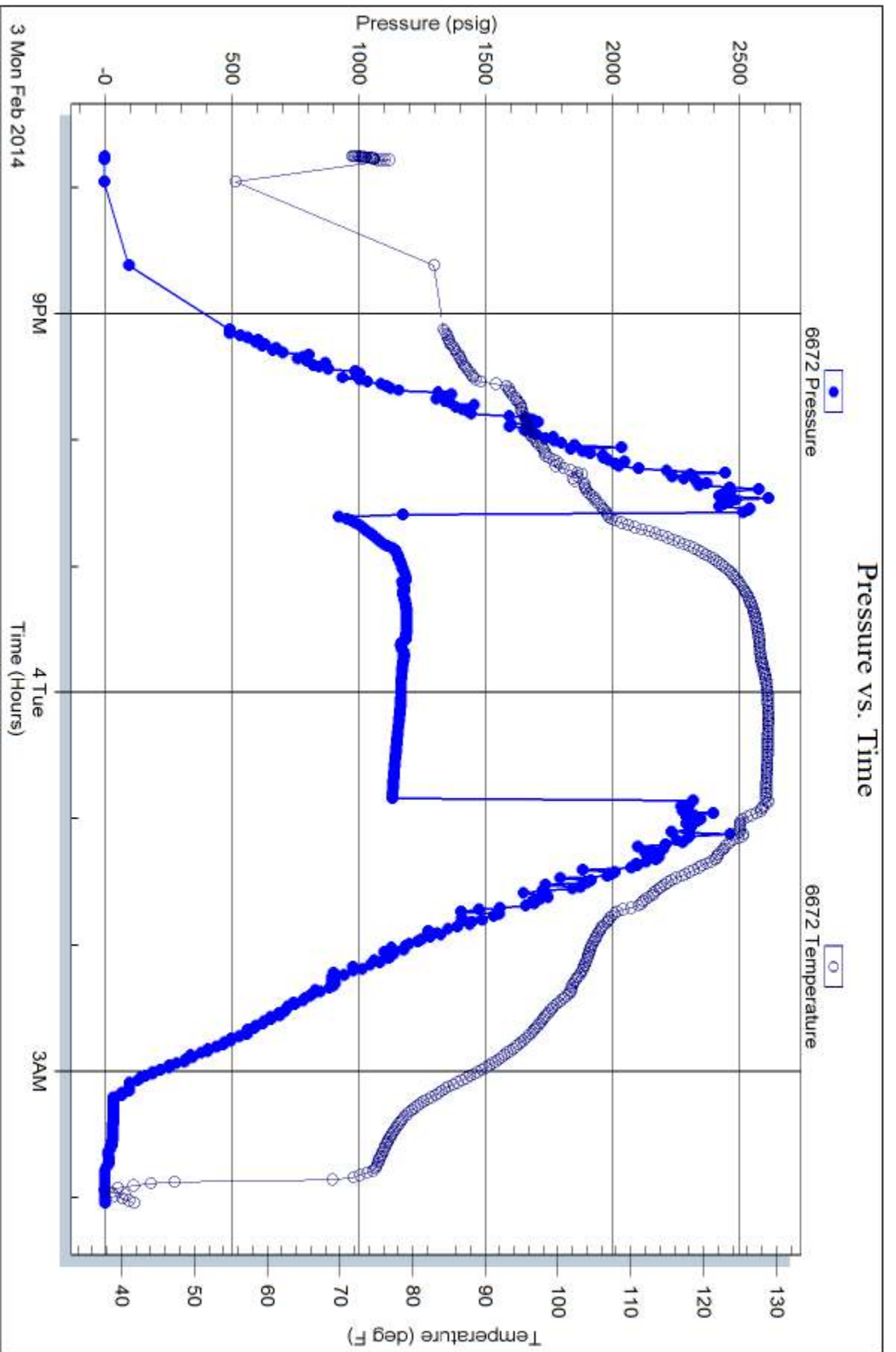
Printed: 2014.02.05 @ 11:36:34

Serial #: 6672

Below (Straddle) Petroleum Corporation

Saline Valley #1-28

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 54606

Printed: 2014.02.05 @ 11:36:34



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54605

4/10

Well Name & No. Saline Valley #1-28 Test No. 1 Date 2/1/14
 Company Forestar Petroleum Corporation Elevation 3331 KB 3321 GL
 Address 1801 Broadway, Suite 600, Denver CO. 80202-3858
 Co. Rep / Geo. Bruce Aard Rig Val Energy Rig 7
 Location: Sec. 28 Twp. 10s Rge. 35w Co. Thomas County State KS

Interval Tested 4382-4455 Zone Tested Lansing "I, S, K"
 Anchor Length 73 Drill Pipe Run 4387.53 Mud Wt. 9.2
 Top Packer Depth 4378 Drill Collars Run _____ Vis 68
 Bottom Packer Depth 4382 Wt. Pipe Run _____ WL 8.0
 Total Depth 4455 Chlorides 8,400 ppm System LCM 2#

Blow Description Built to 10 1/2" below
Bled off for 5 min. No return below
B.O.B. in 40 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>86</u>	<u>Mud</u>			<u>100</u>	
<u>189</u>	<u>Mud</u>			<u>75</u>	<u>25</u>

Rec Total 275 BHT 122 Gravity _____ API RW 218 @ 60 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic	<u>2,351</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>11:45</u>
(B) First Initial Flow	<u>38</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>13:10</u>
(C) First Final Flow	<u>49</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>16:41</u>
(D) Initial Shut-In	<u>1,248</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>19:41</u>
(E) Second Initial Flow	<u>106</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>22:35</u>
(F) Second Final Flow	<u>175</u>	<input checked="" type="checkbox"/> Mileage	<u>168 BT 260.40</u>	Comments	
(G) Final Shut-In	<u>1,192</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2,106</u>	<input type="checkbox"/> Straddle		<input checked="" type="checkbox"/> Ruined Shale Packer	<u>350</u>
Initial Open	<u>30</u>	<input checked="" type="checkbox"/> Shale Packer	<u>250</u>	<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>60</u>	<input type="checkbox"/> Day Standby		Total	<u>2435.40</u>
		<input checked="" type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>2085.40</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.

54606

Well Name & No. Saline Valley #1-28 Test No. 2 Date 2/3/14 2/4/14
 Company Forestar Petroleum Corporation Elevation 3331 KB 3321 GL
 Address 1801 Broadway, Suite 600, Denver CO. 80202-3858
 Co. Rep / Geo. Bruce Ard Rig Val Energy Rig 7
 Location: Sec. 28 Twp. 10s Rge. 35w Co. Thomas County State KS

Interval Tested 4732-4775 4840 Zone Tested Johnson Zone
 Anchor Length 43' 65' Drill Pipe Run 4733.60 Mud Wt. 9.1
 Top Packer Depth 4728 Drill Collars Run _____ Vis 54
 Bottom Packer Depth 4732 Wt. Pipe Run _____ WL 7.2
 Total Depth 4775 4840 Chlorides 8,000 ppm System LCM 2

Blow Description B.O.B. in 18 sec.
Bled off for 5 min. No return below
B.O.B. in 1 1/2 min.
Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>Mud</u>			<u>100</u>	
<u>567</u>	<u>W.G.C.M</u>	<u>10</u>		<u>5</u>	<u>85</u>
<u>315</u>	<u>mcw</u>			<u>50</u>	<u>50</u>
<u>189</u>	<u>mcw</u>			<u>80</u>	<u>80</u>
<u>1134</u>	<u>Water</u>			<u>100</u>	

Rec Total 2395 BHT 128 Gravity _____ API RW AB @ 60 °F Chlorides 50,000 ppm

(A) Initial Hydrostatic 2,493 Test 1050 T-On Location 18:05
 (B) First Initial Flow 822 Jars 250 T-Started 19:45
 (C) First Final Flow 1,044 Safety Joint 75 T-Open 22:35
 (D) Initial Shut-In 1,104 Circ Sub N/C T-Pulled 00:50
 (E) Second Initial Flow 1,056 Hourly Standby _____ T-Out 04:01
 (F) Second Final Flow 1,004 Mileage W&RT 520.80 Comments Loaded tools
 (G) Final Shut-In 1,105 Sampler _____ 2/5/14 @ 04:00
 (H) Final Hydrostatic 2,327 Straddle Bottom Packer is shale packer 600 Ruined Shale Packer _____
 Shale Packer 1 on top 500 Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 666.67
 Final Flow 15 Day Standby 1 Day + 20 hours Total 3662.47
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 2995.80

Approved By _____ Our Representative _____

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