



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

88 Inverness cir. E, Unit F104
Englewood CO 80112

ATTN: Brad Rine

34-10s-35w Thomas,KS

James Family LLC #1-34

Start Date: 2012.12.02 @ 01:55:00

End Date: 2012.12.02 @ 08:31:00

Job Ticket #: 043013 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.12.05 @ 14:32:24

Norstar Petroleum

James Family LLC #1-34

34-10s-35w Thomas,KS

DST # 1

LKC-H

2012.12.02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum
 88 Inverness cir. E, Unit F104
 Englewood CO 80112
 ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
 Job Ticket: 043013 **DST#: 1**
 Test Start: 2012.12.02 @ 01:55:00

GENERAL INFORMATION:

Formation: **LKC-H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:31:30
 Time Test Ended: 08:31:00
 Interval: **4361.00 ft (KB) To 4396.00 ft (KB) (TVD)**
 Total Depth: 4396.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3327.00 ft (KB)
 3322.00 ft (CF)
 KB to GR/CF: 5.00 ft

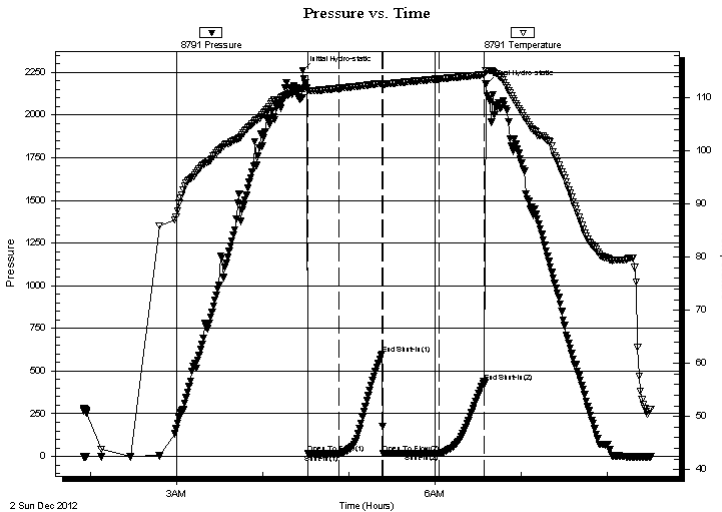
Serial #: 8791

Inside

Press @ Run Depth: 16.42 psig @ 4362.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.02 End Date: 2012.12.02 Last Calib.: 2012.12.02
 Start Time: 01:55:01 End Time: 08:31:00 Time On Btm: 2012.12.02 @ 04:28:00
 Time Off Btm: 2012.12.02 @ 06:35:30

TEST COMMENT: IF: Weak blow, Died in 2 mins.
 IS: No blow back over 30 mins.
 FF: No blow over 30 mins.
 FS: No blow back over 30 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.67	111.76	Initial Hydro-static
4	16.09	111.34	Open To Flow (1)
25	15.51	111.79	Shut-In(1)
55	600.54	112.71	End Shut-In(1)
56	16.40	112.56	Open To Flow (2)
95	16.42	113.55	Shut-In(2)
126	437.61	114.36	End Shut-In(2)
128	2180.45	115.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w ith oil specs	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum
 88 Inverness cir. E, Unit F104
 Englewood CO 80112
 ATTN: Brad Rine

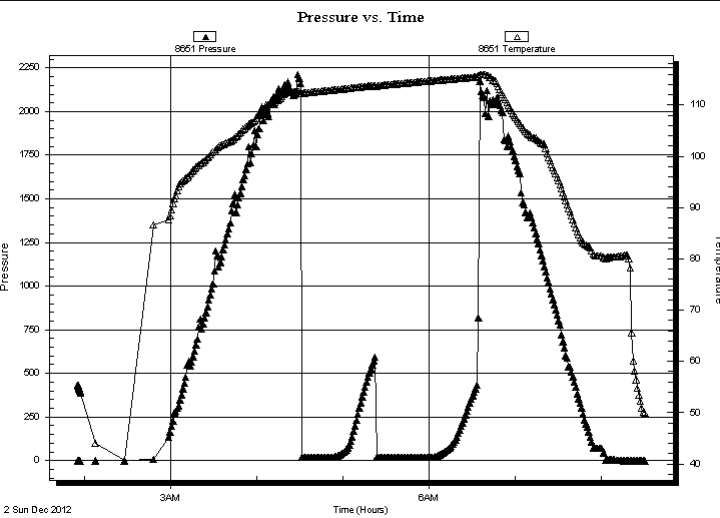
James Family LLC #1-34
34-10s-35w Thomas,KS
 Job Ticket: 043013 **DST#: 1**
 Test Start: 2012.12.02 @ 01:55:00

GENERAL INFORMATION:

Formation: **LKC-H**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 04:31:30 Tester: Chuck Kreutzer Jr.
 Time Test Ended: 08:31:00 Unit No: 61
 Interval: **4361.00 ft (KB) To 4396.00 ft (KB) (TVD)** Reference Elevations: 3327.00 ft (KB)
 Total Depth: 4396.00 ft (KB) (TVD) 3322.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8651 Outside
 Press @ Run Depth: psig @ 4362.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.02 End Date: 2012.12.02 Last Calib.: 2012.12.02
 Start Time: 01:55:01 End Time: 08:31:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak blow, Died in 2 mins.
 IS: No blow back over 30 mins.
 FF: No blow over 30 mins.
 FS: No blow back over 30 mins.



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	mud w ith oil specs	0.02

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043013 **DST#: 1**
Test Start: 2012.12.02 @ 01:55:00

Tool Information

Drill Pipe:	Length: 4232.00 ft	Diameter: 3.80 inches	Volume: 59.36 bbl	Tool Weight: 2400.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 59.97 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4361.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 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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Shut In Tool	5.00			4338.00	
Hydraulic tool	5.00			4343.00	
Jars	5.00			4348.00	
Safety Joint	3.00			4351.00	
Packer	5.00			4356.00	28.00 Bottom Of Top Packer
Packer	5.00			4361.00	
Packer - Shale	0.00			4361.00	
Stubb	1.00			4362.00	
Recorder	0.00	8791	Inside	4362.00	
Recorder	0.00	8651	Outside	4362.00	
Perforations	1.00			4363.00	
Perforations	30.00			4393.00	
Bullnose	3.00			4396.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043013 **DST#: 1**
Test Start: 2012.12.02 @ 01:55:00

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 86000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud with oil specs	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:

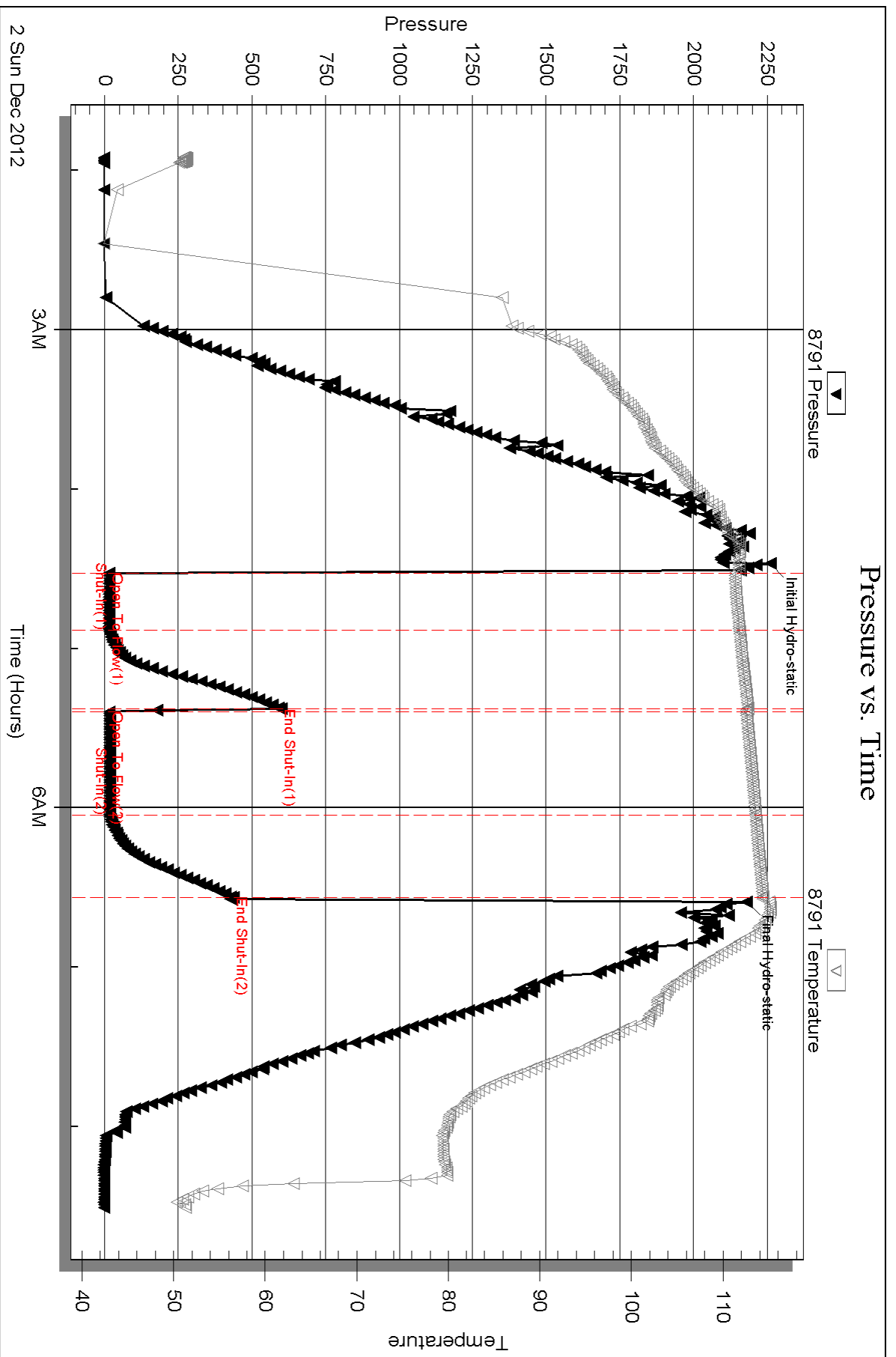
Serial #: 8791

Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 1

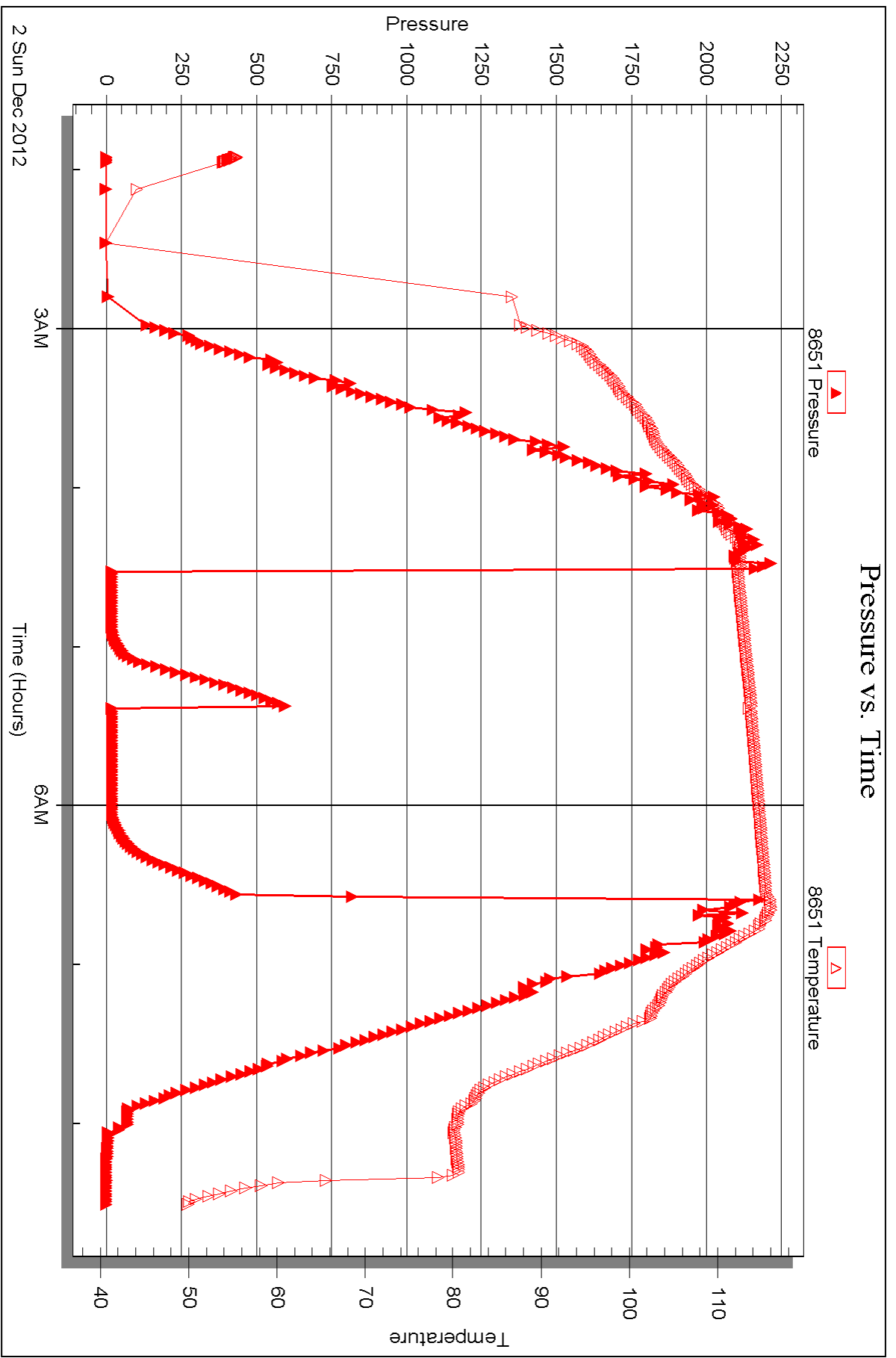


Serial #: 8651

Outside Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

88 Inverness cir. E, Unit F104
Englewood CO 80112

ATTN: Brad Rine

34-10s-35w Thomas,KS

James Family LLC #1-34

Start Date: 2012.12.02 @ 22:40:00

End Date: 2012.12.03 @ 06:44:00

Job Ticket #: 043014 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.12.05 @ 14:31:35

Norstar Petroleum

James Family LLC #1-34

34-10s-35w Thomas,KS

DST # 2

LKC-I,J,K

2012.12.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043014 **DST#: 2**
Test Start: 2012.12.02 @ 22:40:00

GENERAL INFORMATION:

Formation: **LKC-I,J,K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:08:30
 Time Test Ended: 06:44:00
 Interval: **4393.00 ft (KB) To 4475.00 ft (KB) (TVD)**
 Total Depth: 4475.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3327.00 ft (KB)
 3322.00 ft (CF)
 KB to GR/CF: 5.00 ft

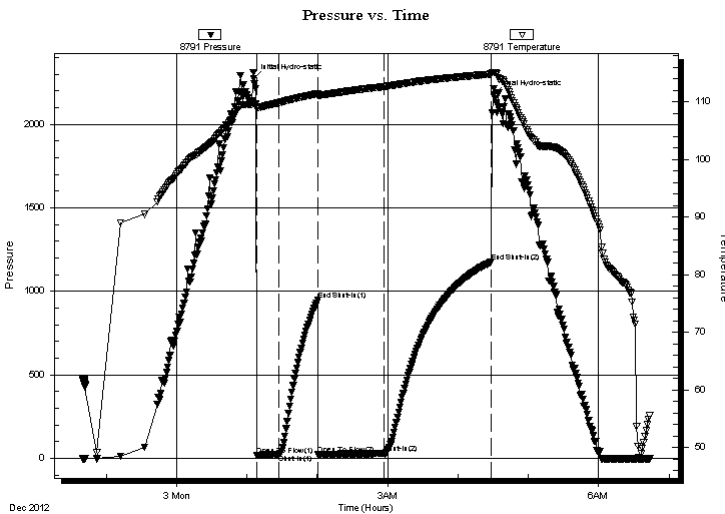
Serial #: 8791

Inside

Press@RunDepth: 29.51 psig @ 4394.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.02 End Date: 2012.12.03 Last Calib.: 2012.12.03
 Start Time: 22:40:01 End Time: 06:44:00 Time On Btm: 2012.12.03 @ 01:06:00
 Time Off Btm: 2012.12.03 @ 04:31:00

TEST COMMENT: IF: Weak blow, Built to 1" over 15 mins.
 IS: No blow back.
 FF: No blow.
 FS: No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.97	109.66	Initial Hydro-static
3	18.70	108.87	Open To Flow (1)
22	23.64	109.85	Shut-In(1)
55	946.78	111.41	End Shut-In(1)
55	24.30	111.15	Open To Flow (2)
111	29.51	112.64	Shut-In(2)
203	1176.32	114.83	End Shut-In(2)
205	2177.42	115.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil specs	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043014 **DST#: 2**
Test Start: 2012.12.02 @ 22:40:00

Tool Information

Drill Pipe:	Length: 4265.00 ft	Diameter: 3.80 inches	Volume: 59.83 bbl	Tool Weight: 2400.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 60.44 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4393.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 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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Shut In Tool	5.00			4370.00	
Hydraulic tool	5.00			4375.00	
Jars	5.00			4380.00	
Safety Joint	3.00			4383.00	
Packer	5.00			4388.00	28.00 Bottom Of Top Packer
Packer	5.00			4393.00	
Packer - Shale	0.00			4393.00	
Stubb	1.00			4394.00	
Recorder	0.00	8791	Inside	4394.00	
Recorder	0.00	8651	Outside	4394.00	
Perforations	3.00			4397.00	
change Over Sub	1.00			4398.00	
Drill Pipe	63.00			4461.00	
Change Over Sub	1.00			4462.00	
Perforations	10.00			4472.00	
Bullnose	3.00			4475.00	82.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043014 **DST#: 2**
Test Start: 2012.12.02 @ 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: 69.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	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
10.00	mud w ith oil specs	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8791

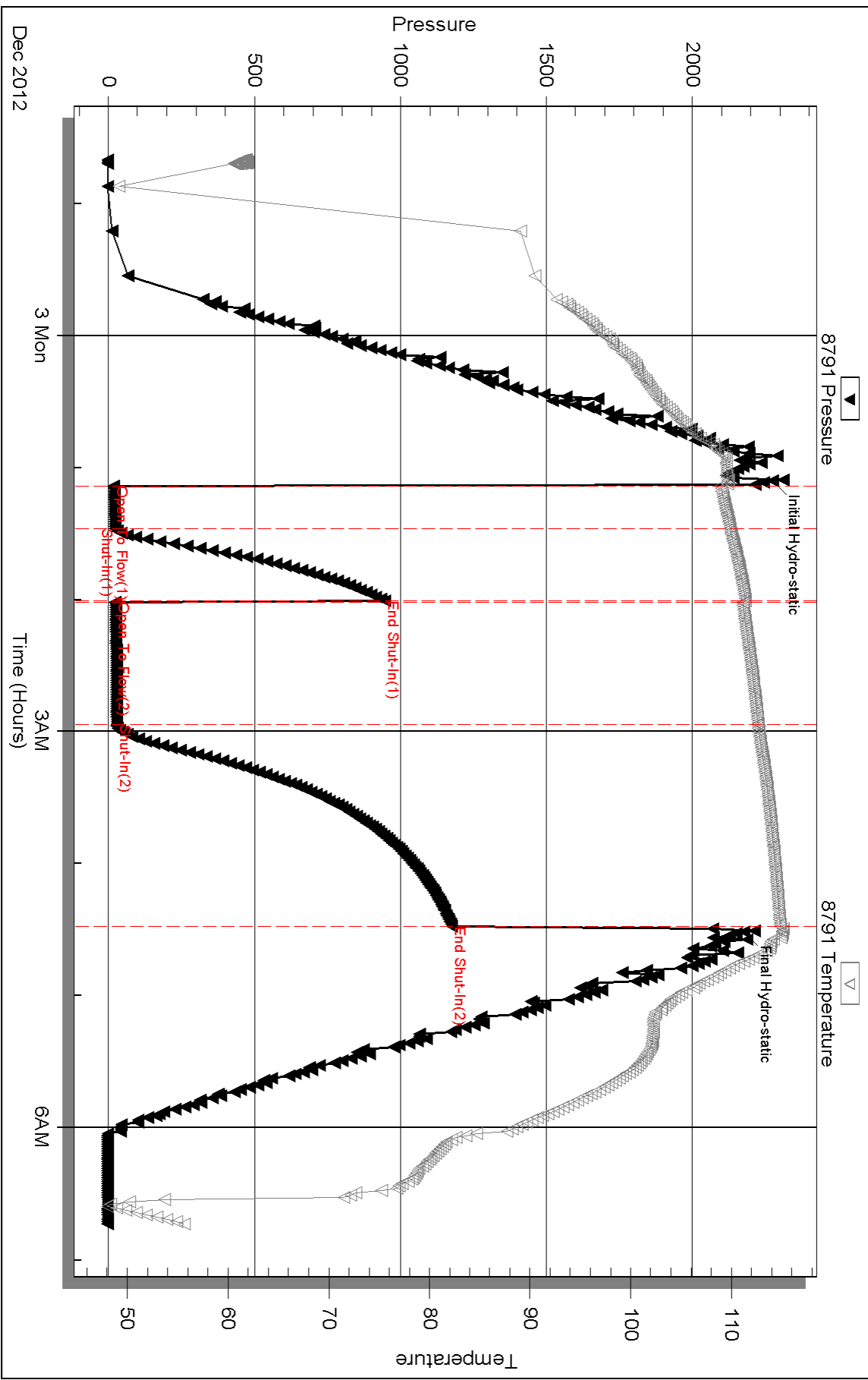
Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 043014

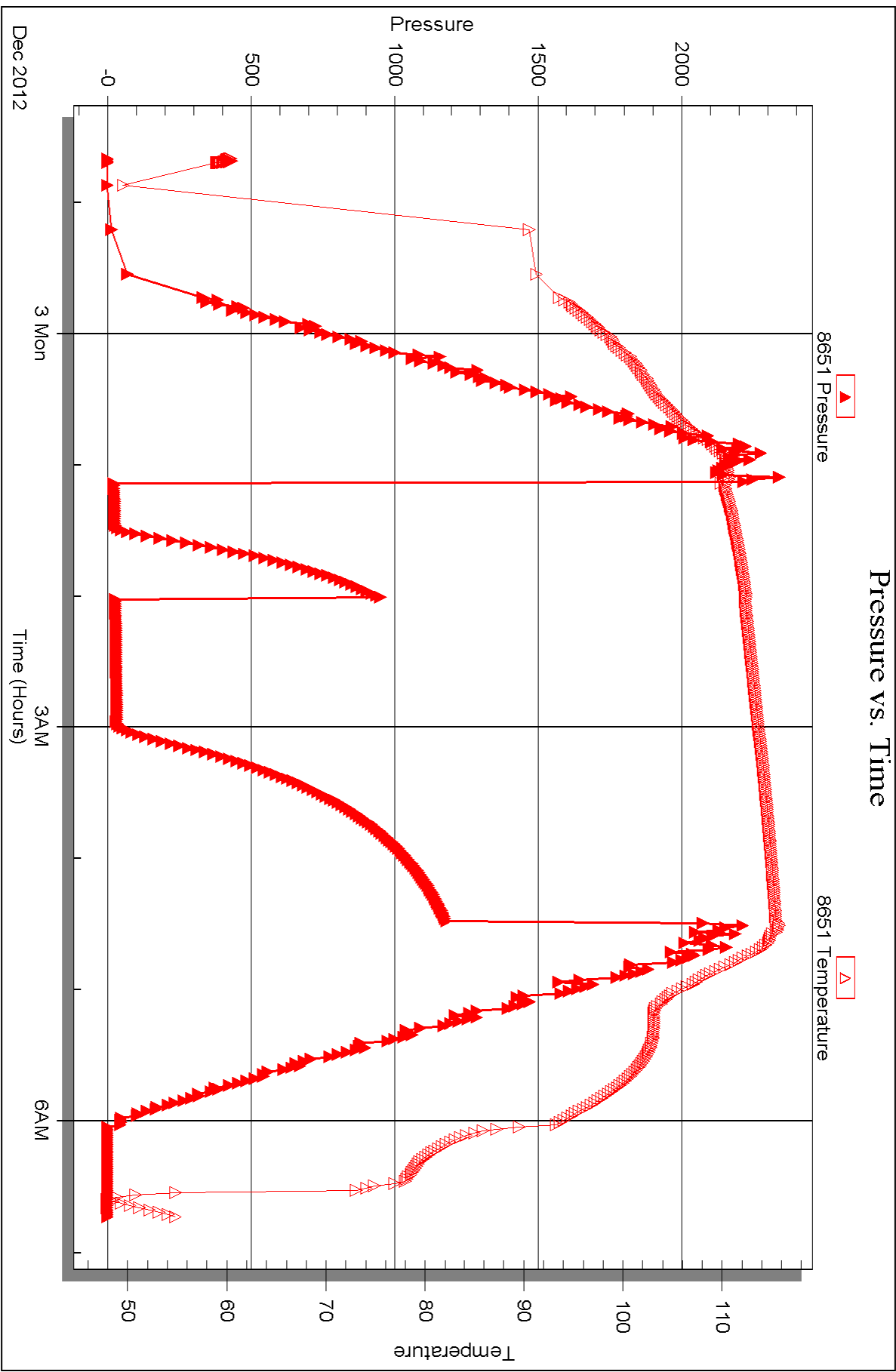
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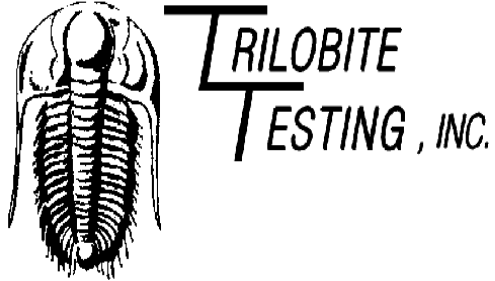
Serial #: 8651

Outside Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

88 Inverness cir. E, Unit F104
Englewood CO 80112

ATTN: Brad Rine

34-10s-35w Thomas,KS

James Family LLC #1-34

Start Date: 2012.12.04 @ 17:34:00

End Date: 2012.12.05 @ 00:39:30

Job Ticket #: 043015 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.12.05 @ 14:30:49

Norstar Petroleum

James Family LLC #1-34

34-10s-35w Thomas,KS

DST # 3

Johnson

2012.12.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum
 88 Inverness cir. E, Unit F104
 Englewood CO 80112
 ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
 Job Ticket: 043015 **DST#: 3**
 Test Start: 2012.12.04 @ 17:34:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:34:30
 Time Test Ended: 00:39:30
 Interval: **4749.00 ft (KB) To 48810.0 ft (KB) (TVD)**
 Total Depth: 4396.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3327.00 ft (KB)
 3322.00 ft (CF)
 KB to GR/CF: 5.00 ft

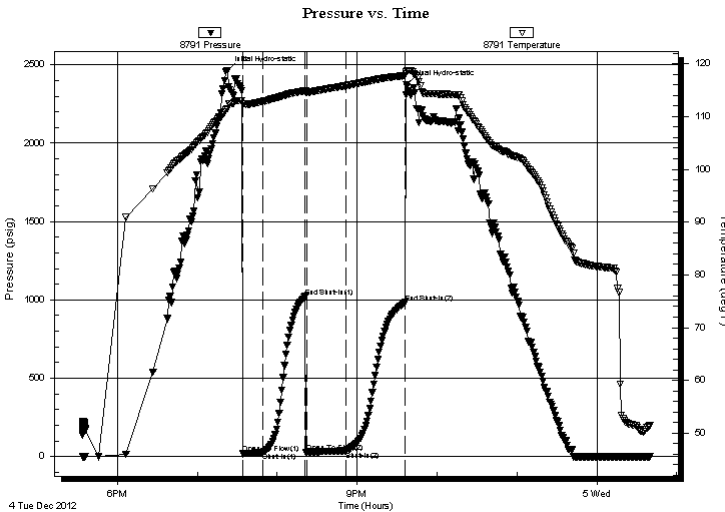
Serial #: 8791

Inside

Press @ Run Depth: 36.02 psig @ 4753.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.04 End Date: 2012.12.05 Last Calib.: 2012.12.05
 Start Time: 17:34:01 End Time: 00:39:30 Time On Btm: 2012.12.04 @ 19:22:30
 Time Off Btm: 2012.12.04 @ 21:37:00

TEST COMMENT: IF: Weak surface blow, Died 10 mins.
 IS: No blow back over 30 min.
 FF: Weak surface Died after 3 mins. blow after 10 mins.
 FS: No blow back over 30 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2464.76	111.44	Initial Hydro-static
12	17.43	112.35	Open To Flow (1)
27	25.88	112.85	Shut-In(1)
59	1021.03	114.88	End Shut-In(1)
60	27.71	114.62	Open To Flow (2)
89	36.02	115.85	Shut-In(2)
134	983.00	117.75	End Shut-In(2)
135	2374.59	118.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	ocm-20%o80%m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043015 **DST#: 3**
Test Start: 2012.12.04 @ 17:34:00

Tool Information

Drill Pipe:	Length: 4611.00 ft	Diameter: 3.80 inches	Volume: 64.68 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 65.29 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4749.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 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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Shut In Tool	5.00			4726.00	
Hydraulic tool	5.00			4731.00	
Jars	5.00			4736.00	
Safety Joint	3.00			4739.00	
Packer	5.00			4744.00	28.00 Bottom Of Top Packer
Packer	5.00			4749.00	
Packer - Shale	0.00			4749.00	
Stubb	1.00			4750.00	
Safety Joint	3.00			4753.00	
Recorder	0.00	8791	Inside	4753.00	
Recorder	0.00	8651	Outside	4753.00	
Perforations	1.00			4754.00	
Perforations	30.00			4784.00	
Perforations	23.00			4807.00	
Bullnose	3.00			4810.00	61.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum
88 Inverness cir. E, Unit F104
Englewood CO 80112
ATTN: Brad Rine

James Family LLC #1-34
34-10s-35w Thomas,KS
Job Ticket: 043015 **DST#: 3**
Test Start: 2012.12.04 @ 17:34:00

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	ocm-20%o80%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8791

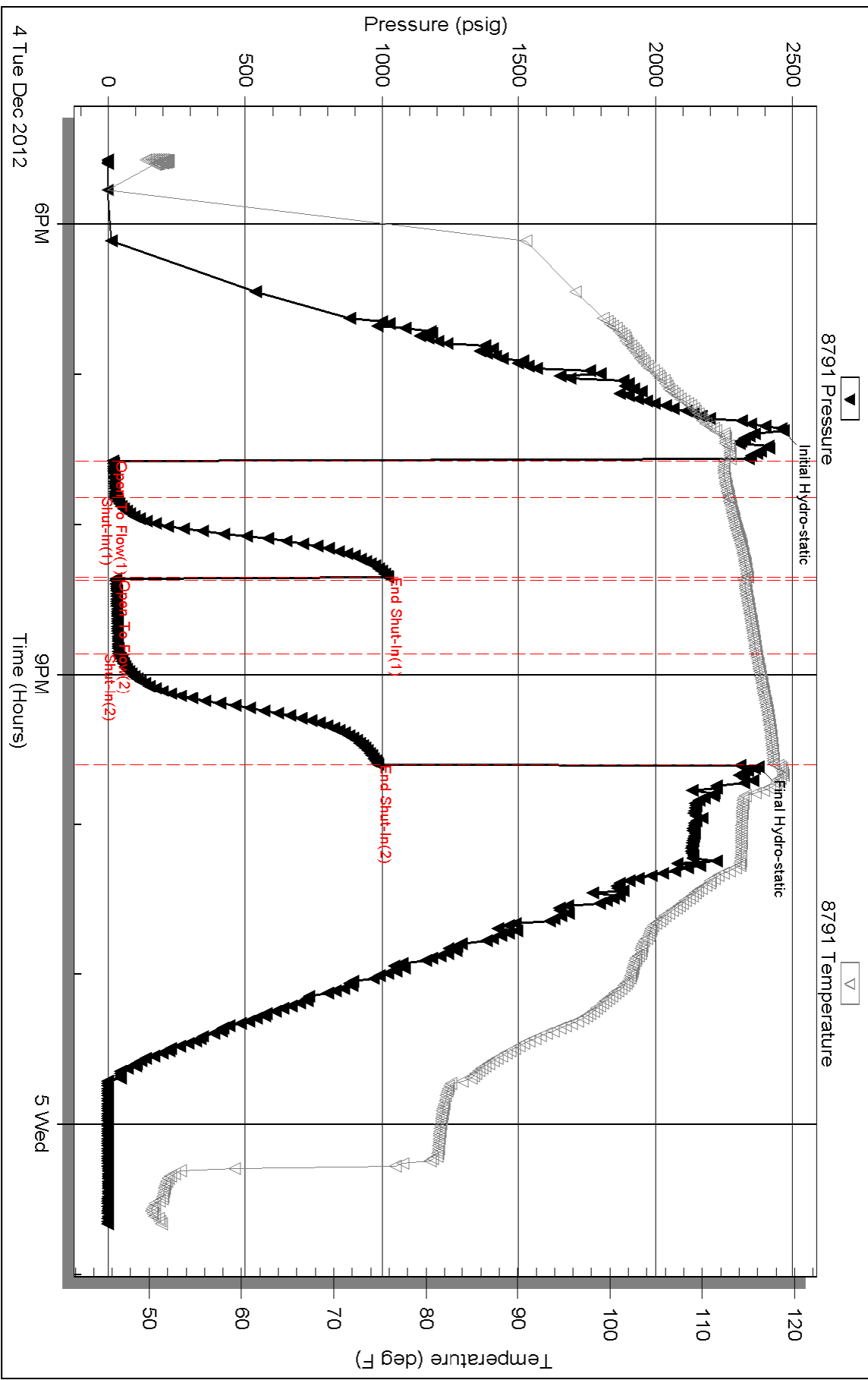
Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 3

Pressure vs. Time

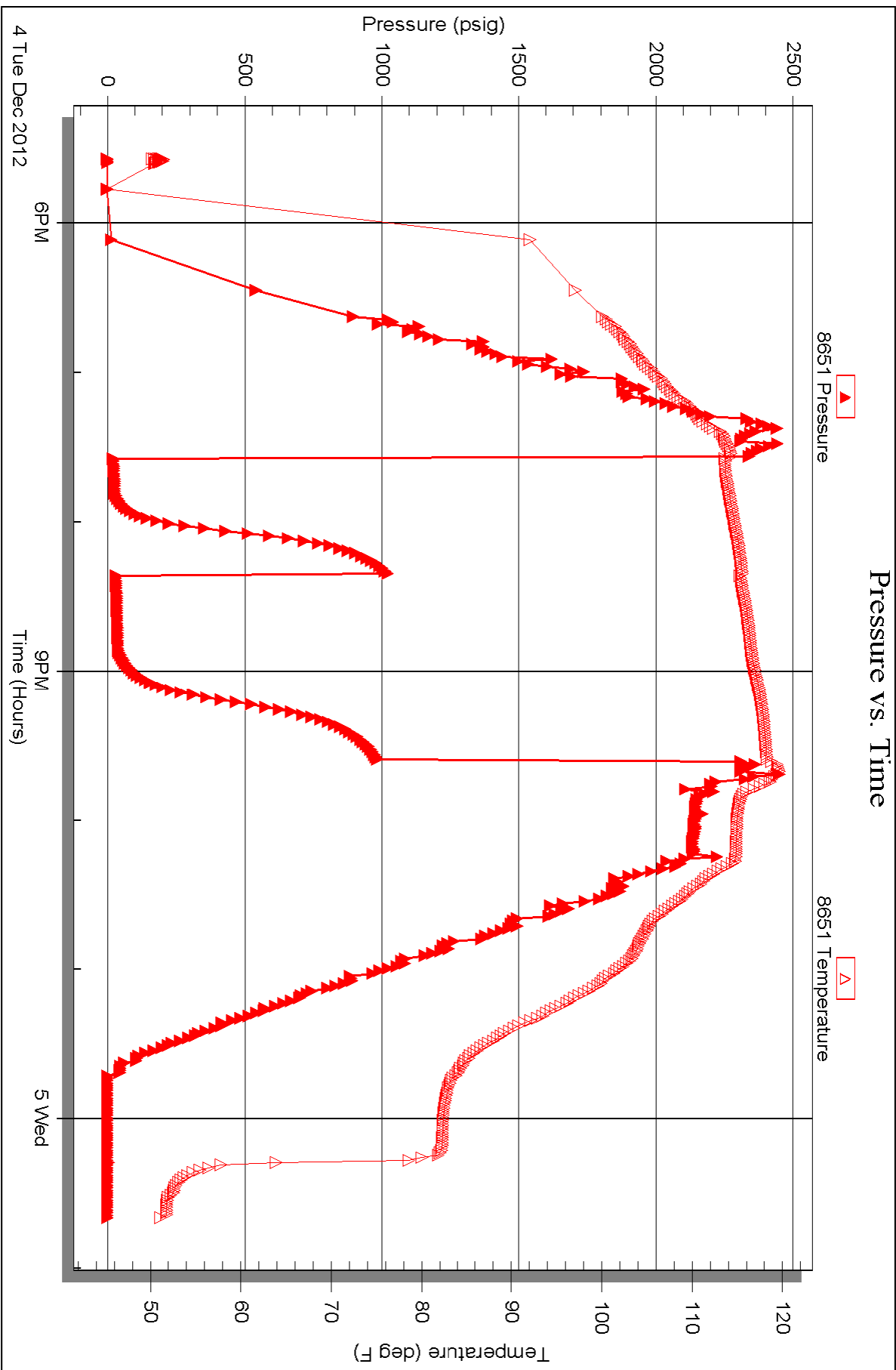


Serial #: 8651

Outside Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 043013

Well Name & No. James Family LLC. #1-34 Test No. 1 Date 12-02-12
 Company Norstar Petroleum Inc. Elevation 3327 KB 3322 GL
 Address 88 INVERNESS Cir. E, unit F104 Englewood Co. 80112
 Co. Rep / Geo. Brad Rine Rig WW #4
 Location: Sec. 34 Twp. 10S Rge. 35W Co. Thomas State KS

Interval Tested 4361 4396 Zone Tested LKC-H
 Anchor Length 35 Drill Pipe Run 4232 Mud Wt. 9.2
 Top Packer Depth 4356 Drill Collars Run 124 Vis 49
 Bottom Packer Depth 4361 Wt. Pipe Run -0- WL 8.8
 Total Depth 4396 Chlorides 8,600 ppm System LCM 0.5

Blow Description FF: Weak blow dead in 2mins.
FSI: No blow back over 30 mins
FF: No blow over 30 mins.
FSI: No blow back over 30 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud with oil specs</u>				

Rec Total 5 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2261</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1:15</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1:55</u>
(C) First Final Flow <u>16</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>4:28</u>
(D) Initial Shut-In <u>601</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>6:30</u>
(E) Second Initial Flow <u>16</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>6:35</u>
(F) Second Final Flow <u>16</u>	<input checked="" type="checkbox"/> Mileage <u>80x2 = 160x1.55 = 248</u>	Comments _____
(G) Final Shut-In <u>438</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2180</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1823</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1823</u>	

Approved By _____ Our Representative Chris Hejran
 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 043014

4/10

Well Name & No. James Family Trust # 1-34 Test No. 2 Date 12-03
 Company Norstar Petroleum Inc. Elevation 3327 KB 3322 GL
 Address 88 Inverness Cir. E, unit F104 Englewood Co. 80112
 Co. Rep / Geo. Brad Rine Rig WW#4
 Location: Sec. 34 Twp. 10S Rge. 35W Co. Thomas State Ks

Interval Tested 4393 4475 Zone Tested LKC - I, J, K
 Anchor Length 82 Drill Pipe Run 4265 Mud Wt. 9.1
 Top Packer Depth 4388 Drill Collars Run 124 Vis 69
 Bottom Packer Depth 4393 Wt. Pipe Run -0- WL 8.0
 Total Depth 4475 Chlorides 8400 ppm System LCM .5#

Blow Description IF: Weak blow, Built to lin. over 15 mins.
FSI: No blow back
FF: No blow
FSI: No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud with oil specs</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 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2275</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>22:10</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>22:40</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1:08</u>
(D) Initial Shut-In <u>947</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>4:25</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>6:44</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>80x2=160x1.55=</u> 248	Comments _____
(G) Final Shut-In <u>1176</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2177</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>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1823</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1823</u>	

Approved By _____ Our Representative Chad K...
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 043015

4/10

Well Name & No. James Family Trust # 1-34 Test No. 3 Date 2-04-12
 Company Norstar Petroleum, Inc. Elevation 3327 KB 3322 GL
 Address 88 Inverness Cir. E, unit F104 Englewood Co. 80112
 Co. Rep / Geo. Brad Rine Rig WW#4
 Location: Sec. 34 Twp. 10S Rge. 35W Co. Thomas State Ks

Interval Tested ~~2000~~ 4749 - 4810 Zone Tested Johnson
 Anchor Length 61 Drill Pipe Run 4611 Mud Wt. 9.2
 Top Packer Depth 4744 Drill Collars Run 124 Vis 50
 Bottom Packer Depth 4749 Wt. Pipe Run - 0 - WL 8.4
 Total Depth 4810 Chlorides 8900 ppm System LCM 1.5#

Blow Description IF: Weak surface blow, Died in 10 mins
ISF: No blow back.
F#1: No blow
EST: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>OCM</u>		<u>20</u>		<u>80</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 10 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2465</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>15:00</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>17:34</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>19:34</u>
(D) Initial Shut-In <u>1021</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>21:30 21:30</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:39</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>80 x 2 = 160 x 1.55 = 248</u>	Comments <u>They were to start out at 2:30</u>
(G) Final Shut-In <u>983</u>	<input type="checkbox"/> Sampler	<u>Don't start out till after 3:30</u>
(H) Final Hydrostatic <u>2375</u>	<input type="checkbox"/> Straddle	<u>Light Plant stopped working 5 mins before we pulled tool and a little later</u>
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>275</u>
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>104, 9 hours</u> 8.25h Total <u>2098</u>	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1823</u>	

Approved By _____ Our Representative Chuck Hunter Jr.

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