



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1107054
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1107054

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
Well Name	James Family LLC 1-34
Doc ID	1107054

Tops

Name	Top	Datum
Anhydrite	2804	+523
Topeka	4020	-693
Heebner	4172	-845
Toronto	4195	-868
Lansing	4216	-889
Stark Shale	4443	-1116
Pawnee	4636	-1309
Ft. Scott	4666	-1339
Cherokee Shale	4686	-1359
Johnson	4770	-1343
Mississippi	4882	-1555

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 07, 2013

Brady Pfeiffer
Norstar Petroleum, Inc.
88 INVERNESS CIR E. Unit F104
ENGLEWOOD, CO 80112

Re: ACO1
API 15-193-20870-00-00
James Family LLC 1-34
SE/4 Sec.34-10S-35W
Thomas County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Brady Pfeiffer



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

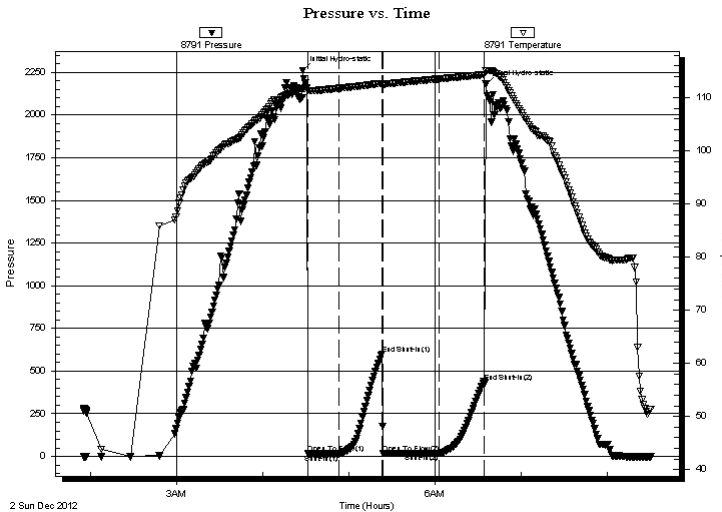
Serial #: 8791

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

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

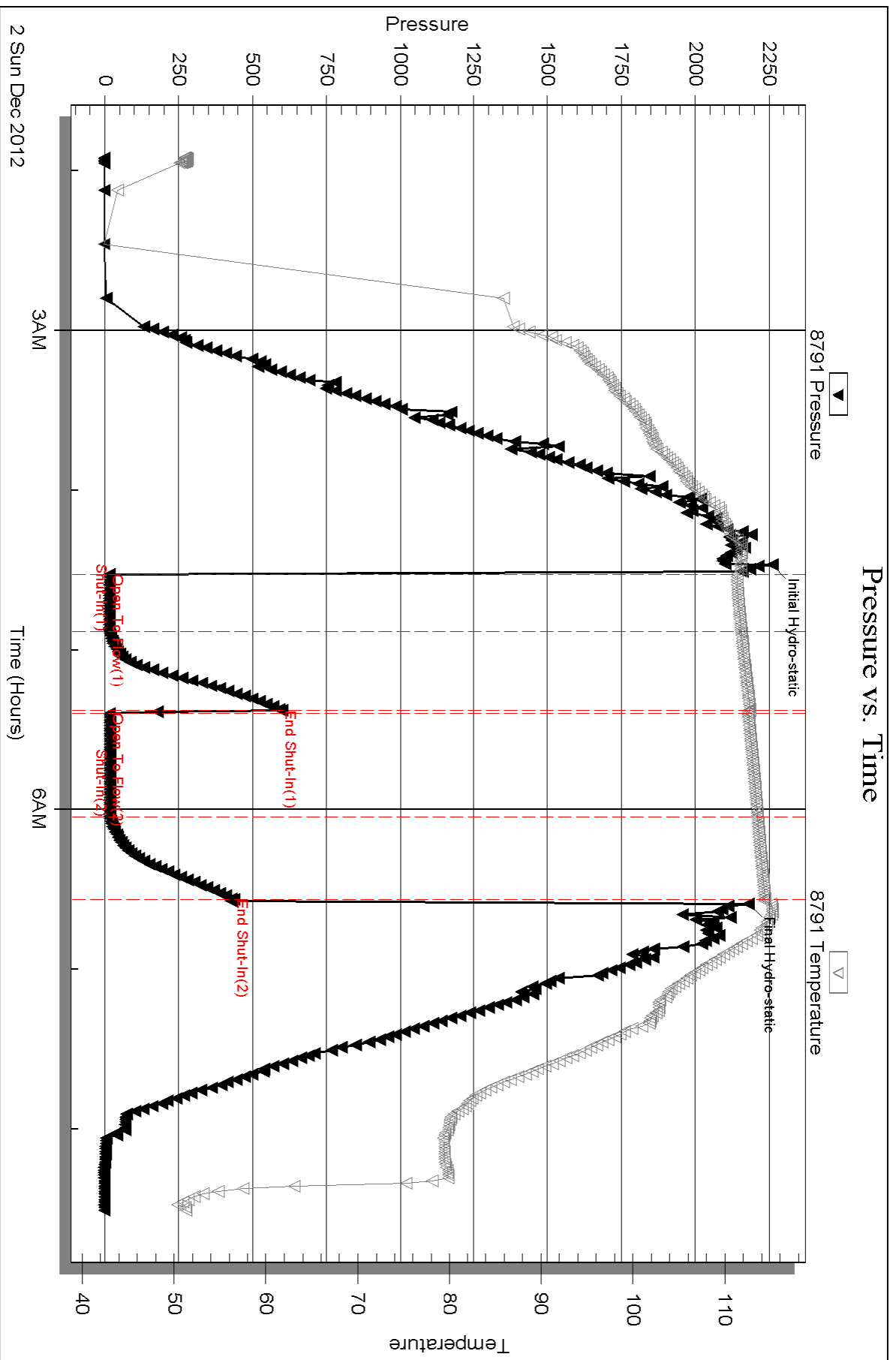
Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 1

Pressure vs. Time

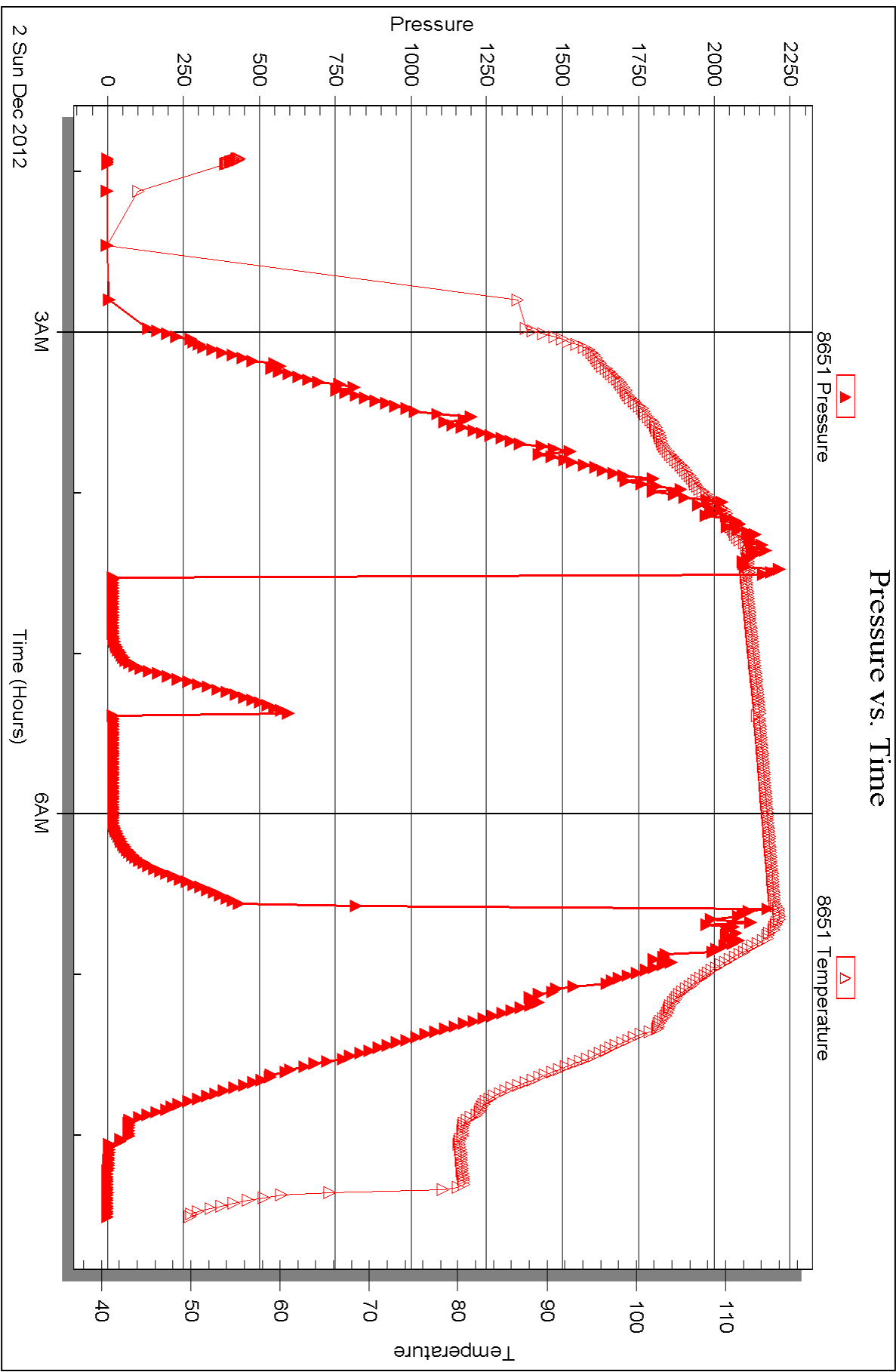


Serial #: 8651

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
Reference Elevations: 3327.00 ft (KB)
3322.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61

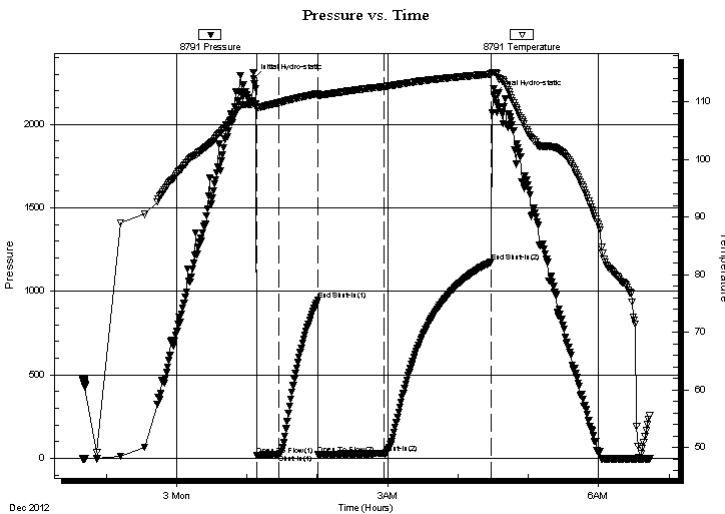
Serial #: 8791

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

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

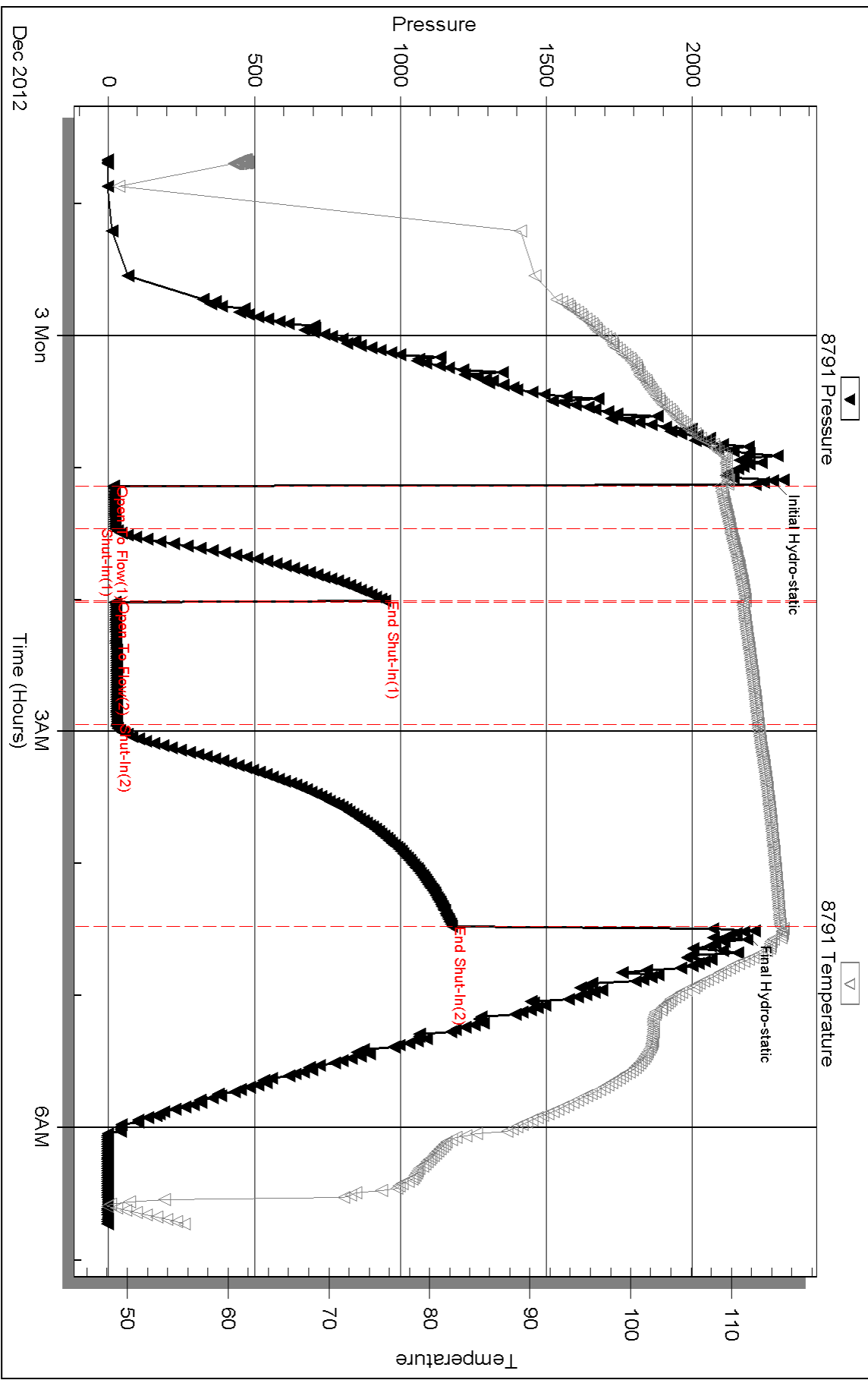
Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 2

Pressure vs. Time

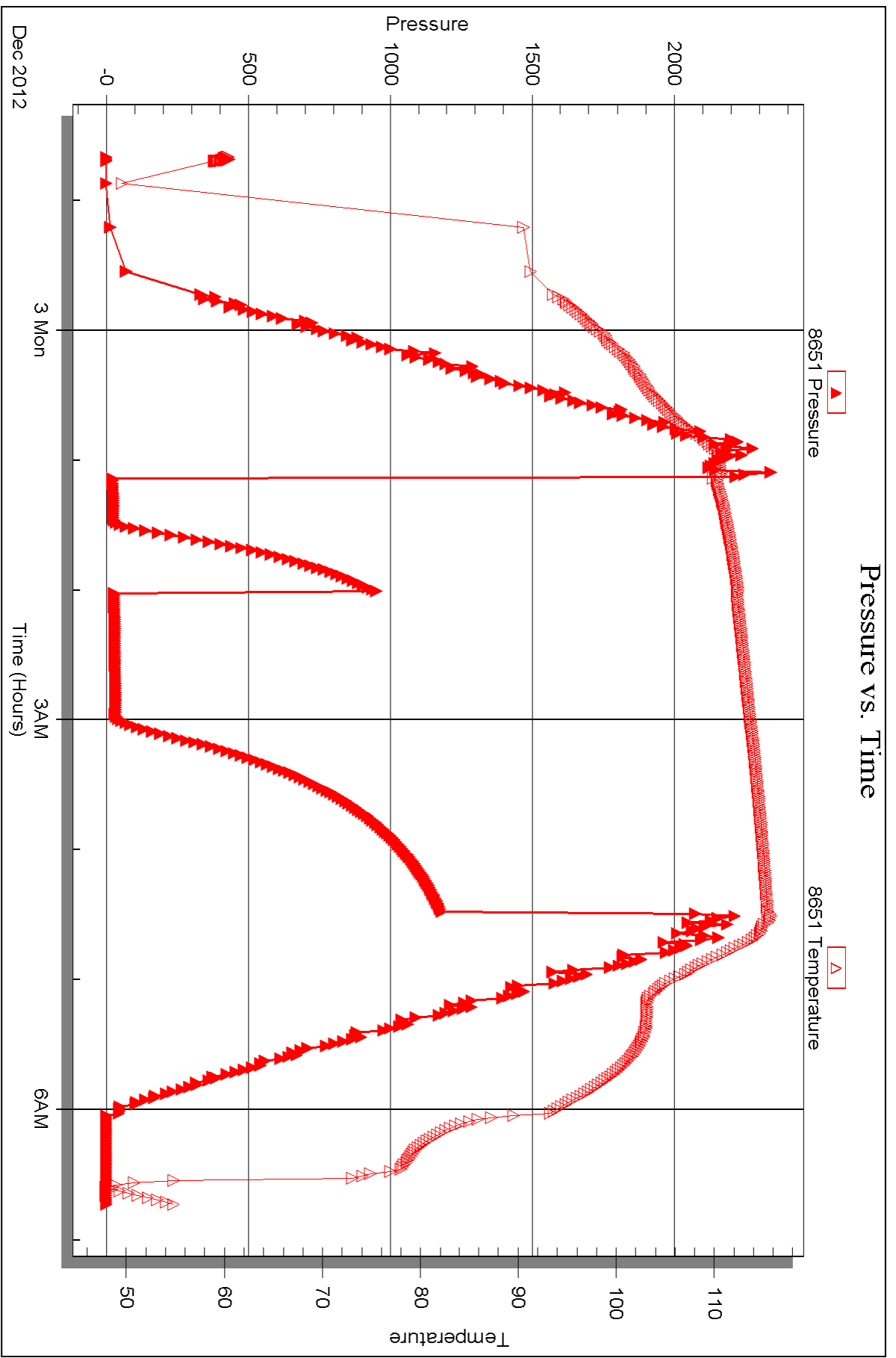


Serial #: 8651

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
Reference Elevations: 3327.00 ft (KB)
3322.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61

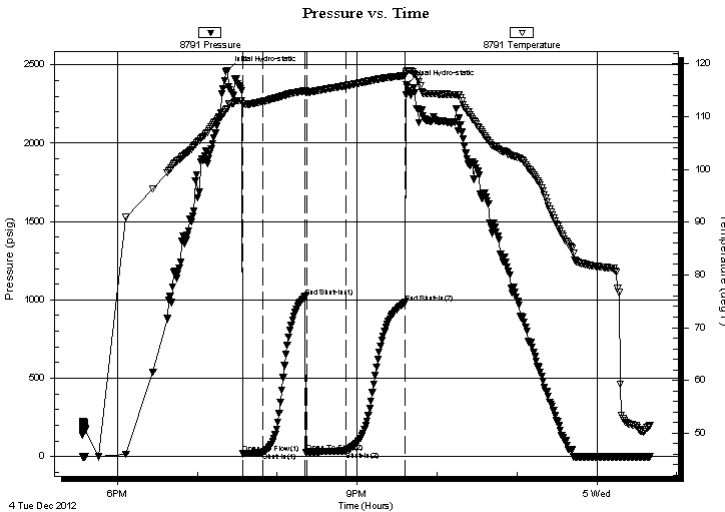
Serial #: 8791

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

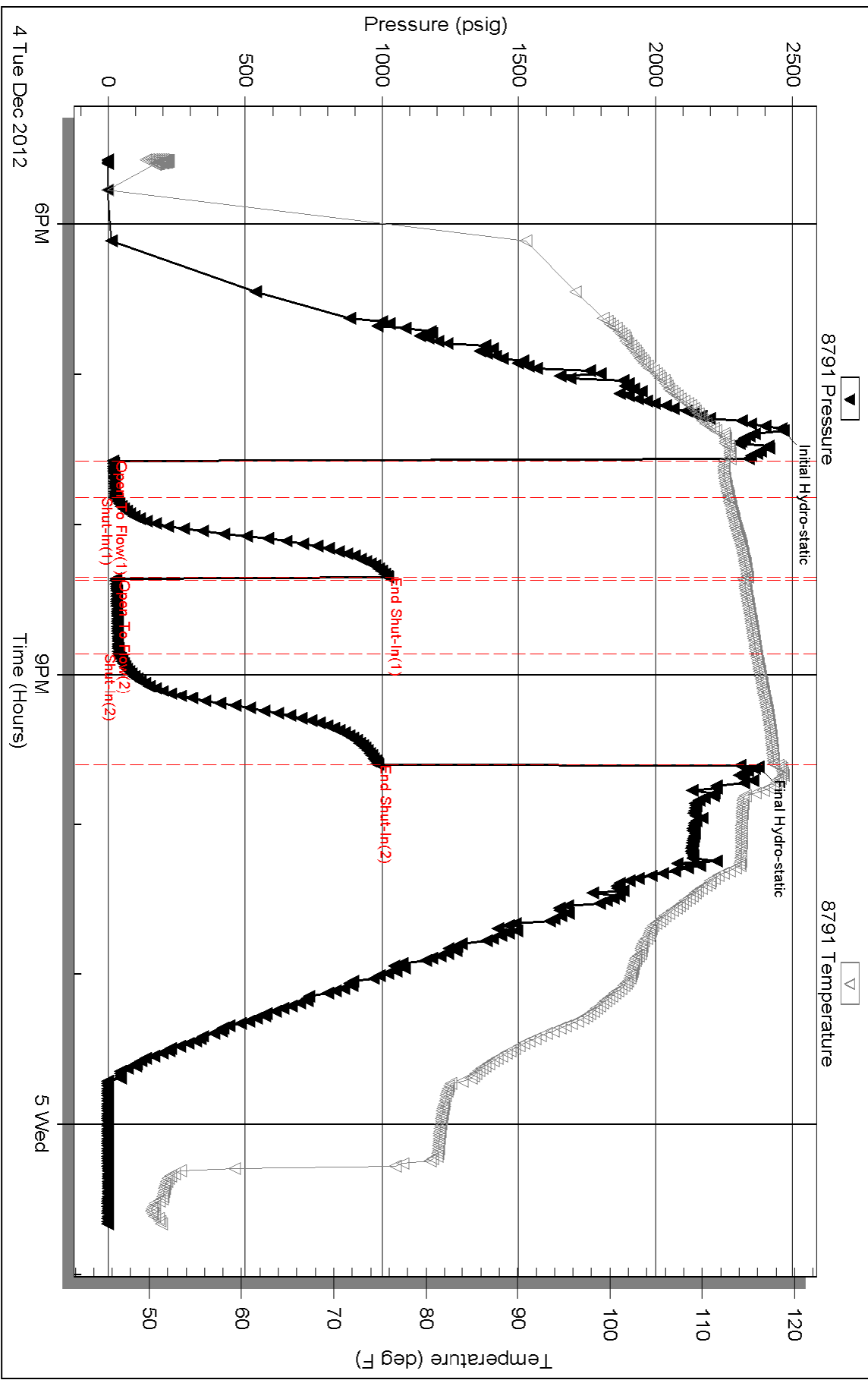
Inside

Norstar Petroleum

34-10s-35w Thomas, KS

DST Test Number: 3

Pressure vs. Time

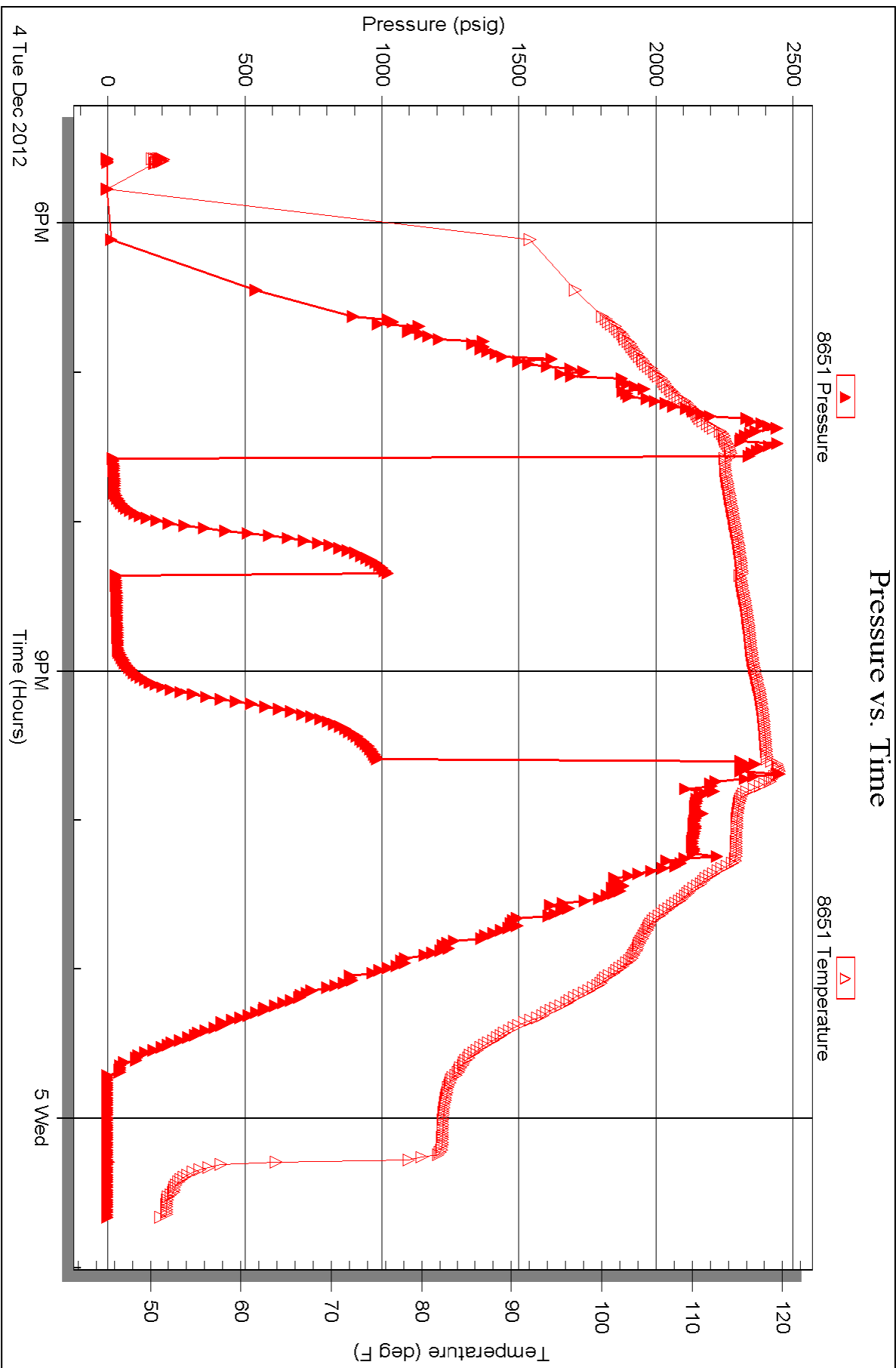


Serial #: 8651

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 Hayes
 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...
 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. 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 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</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 275
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>104, 9 hours</u> 8.25h Total 2098	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total 1823	

Approved By _____ Our Representative Chuck Hunter Jr.

Trilobite Testing Inc. shall not be liable for damaged or 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.

ALLIED OIL & GAS SERVICES, LLC 060006

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oshtey

DATE <u>11-26-12</u>	SEC <u>34</u>	TWP. <u>10</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>James Smith Co.</u>	WELL # <u>134</u>	LOCATION <u>Page City N To CL W To Rd 11</u>			COUNTY <u>Thomas</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one) <u>NEW</u>		K.N - SW into					

CONTRACTOR <u>WW-4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>302</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>301.26</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>18.23</u>	

CEMENT		
AMOUNT ORDERED <u>190 sks Com 3% CC</u>		
<u>2% Gel</u>		
COMMON <u>190 sks @ \$17.92</u>		<u>\$3401.00</u>
POZMIX		
GBL <u>4 sks @ \$23.40</u>		<u>\$93.60</u>
CHLORIDE <u>7 sks @ \$64.00</u>		<u>\$448.00</u>
ASC		

PUMP TRUCK CEMENTER <u>Dawn Ricotta 1</u>
<u>423-281</u> HELPER <u>Tyler Flipse 2</u>
BULK TRUCK
<u>396-306</u> DRIVER <u>Brandon Wilkinson 3</u>
BULK TRUCK
DRIVER <u>Paul Beaver 3</u>

HANDLING <u>205.45</u> OF X	@ <u>\$2.45</u>	<u>\$509.52</u>
MILEAGE <u>7.38 x 23 x</u>	@ <u>\$2.00</u>	<u>\$560.22</u>
TOTAL		<u>\$5013.00</u>

REMARKS:

Mix 190 sks Cement
Displace with water
Cement did circulate

Thank You.

SERVICE

DEPTH OF JOB <u>301.26'</u>	
PUMP TRUCK CHARGE	<u>\$1512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>23</u>	@ <u>\$7.22</u> <u>\$177.10</u>
MANIFOLD <u>Head</u>	@ <u>\$275.00</u>
<u>L.V mileage</u>	@ <u>\$4.40</u> <u>\$101.20</u>

TOTAL \$2065.55

CHARGE TO: Norstar Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

SALES TAX (if Any) 287.80
TOTAL CHARGES 7078.59
DISCOUNT 1698.86 IP PAID IN 30 DAYS

PRINTED NAME MARK HERKOWITZ

SIGNATURE [Signature]

5379.73
2470

Corrected



CONSOLIDATED
Oil Well Services, L.L.C.

TICKET NUMBER 39181
LOCATION Oakley, KS
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
12-6-12	5734	James Family Tract 134	34	10 ^s	3.5 W	Champs	
CUSTOMER		Mailing Address		TRUCK #	DRIVER	TRUCK #	DRIVER
NORSTAR PETCO		5 N 2 E. 1/4 N Winto		399	JERRY		
CITY		STATE	ZIP CODE	528	TRAVIS W		
					Phillip		

JOB TYPE PCA HOLE SIZE 7 7/8 HOLE DEPTH 4950 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14² SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, rigged up on 10:40 AM, mixed cement plugs
& displaced
25 SKS @ 2810
100 SKS @ 1820
40 SKS @ 350
10 SKS @ 40
30 RH
cleaned out pumps & lines, rigged down
Thank you
Kelly Gabel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1335.00	1335.00
5406	20 mi	MILEAGE	5.00	100.00
1131	2.05 SKS	60/40 Poz	161.00	309.50
118B	704 #	Bentonite	.25	176.00
1107	5.4 #	Flo-seal	283.00	143.82
5407	8.82	Tan Mileage delivery (min)	161	410.00
4432	1	8 5/8 Wooden Plug	96.00	96.00
1111	160 #	salt		NC
				5,346.32
		add 10% disc.		534.63
				4,811.69
		SALES TAX		230.70
		ESTIMATED TOTAL		5042.39

5:30 AM AUTHORIZATION [Signature] TITLE _____ DATE 12-6-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form