



KANSAS CORPORATION COMMISSION 1154720
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1154720

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---



DRILL STEM TEST REPORT

Prepared For: **L B Exloration Inc.**

2135 2nd Road Holyrood
Kansas 67450

ATTN: Steven Peterman

Jezek #2

21-16s-10w-Ellsworth

Start Date: 2013.02.18 @ 01:00:00

End Date: 2013.02.18 @ 06:44:30

Job Ticket #: 17422 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.02.18 @ 06:56:08



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17422

DST#: 1

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 01:00:00

GENERAL INFORMATION:

Formation: **Lansing J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:50:30

Time Test Ended: 06:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3195.00 ft (KB) To 3245.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3245.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6839 Outside

Press@RunDepth: 71.66 psia @ 3242.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.18 End Date: 2013.02.18

Last Calib.: 2013.02.18

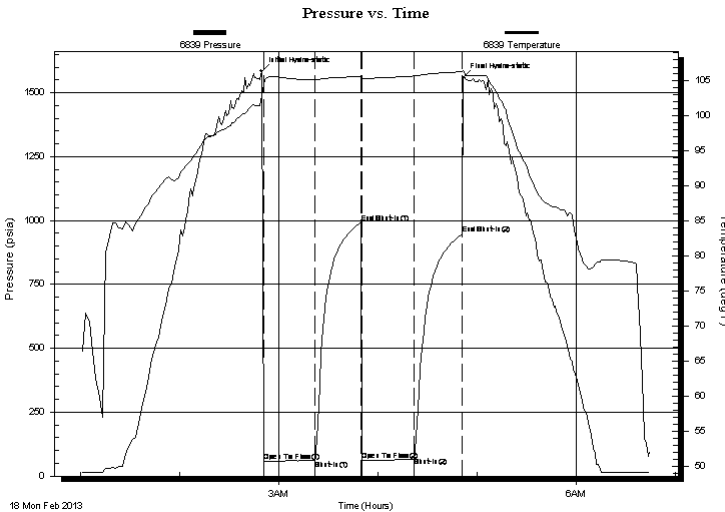
Start Time: 01:00:00 End Time: 06:44:30

Time On Btm: 2013.02.18 @ 02:49:30

Time Off Btm: 2013.02.18 @ 04:51:30

TEST COMMENT: 1st Open 30 minutes Weak surface blow 1 inch. through out.
1st Shut in 30 minutes No blow back
2nd Open 30 minutes Blow dead.
2nd Shut in 30 minutes No blow back.

PRESSURE SUMMARY



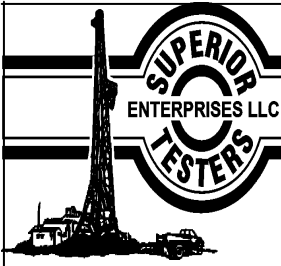
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1584.01	102.86	Initial Hydro-static
1	58.06	104.48	Open To Flow (1)
32	63.31	105.18	Shut-In(1)
60	990.97	105.65	End Shut-In(1)
61	62.22	105.42	Open To Flow (2)
93	71.66	105.72	Shut-In(2)
122	946.38	106.34	End Shut-In(2)
122	1558.44	106.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17422

DST#: 1

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 01:00:00

GENERAL INFORMATION:

Formation: **Lansing J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:50:30

Time Test Ended: 06:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3195.00 ft (KB) To 3245.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3245.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8524 Inside

Press@RunDepth: 948.42 psia @ 3241.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.18 End Date: 2013.02.18

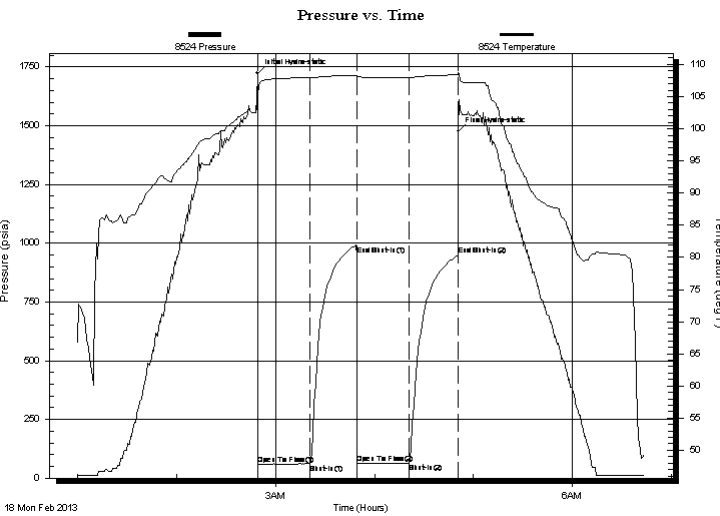
Last Calib.: 2013.02.18

Start Time: 01:00:00 End Time: 06:43:52

Time On Btm: 2013.02.18 @ 02:49:01

Time Off Btm: 2013.02.18 @ 04:50:44

TEST COMMENT: 1st Open 30 minutes Weak surface blow 1 inch. through out.
1st Shut in 30 minutes No blow back
2nd Open 30 minutes Blow dead.
2nd Shut in 30 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1723.71	104.89	Initial Hydro-static
1	58.38	104.92	Open To Flow (1)
32	59.73	107.95	Shut-In(1)
61	952.01	108.26	End Shut-In(1)
61	61.30	107.85	Open To Flow (2)
92	62.80	108.02	Shut-In(2)
122	948.42	108.41	End Shut-In(2)
122	1475.06	108.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17422

DST#: 1

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 01:00:00

Tool Information

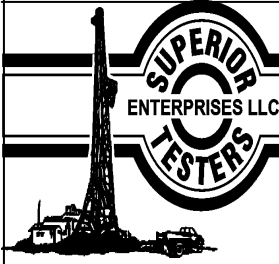
Drill Pipe:	Length: 3194.00 ft	Diameter: 3.80 inches	Volume: 44.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 44.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3195.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut-In Tool	5.00			3180.00	
Hydraulic Tool	5.00			3185.00	
Packer	5.00			3190.00	20.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Anchor	45.00			3240.00	
Recorder	1.00	8524	Inside	3241.00	
Recorder	1.00	6839	Outside	3242.00	
Bullnose	3.00			3245.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17422

DST#: 1

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 01:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

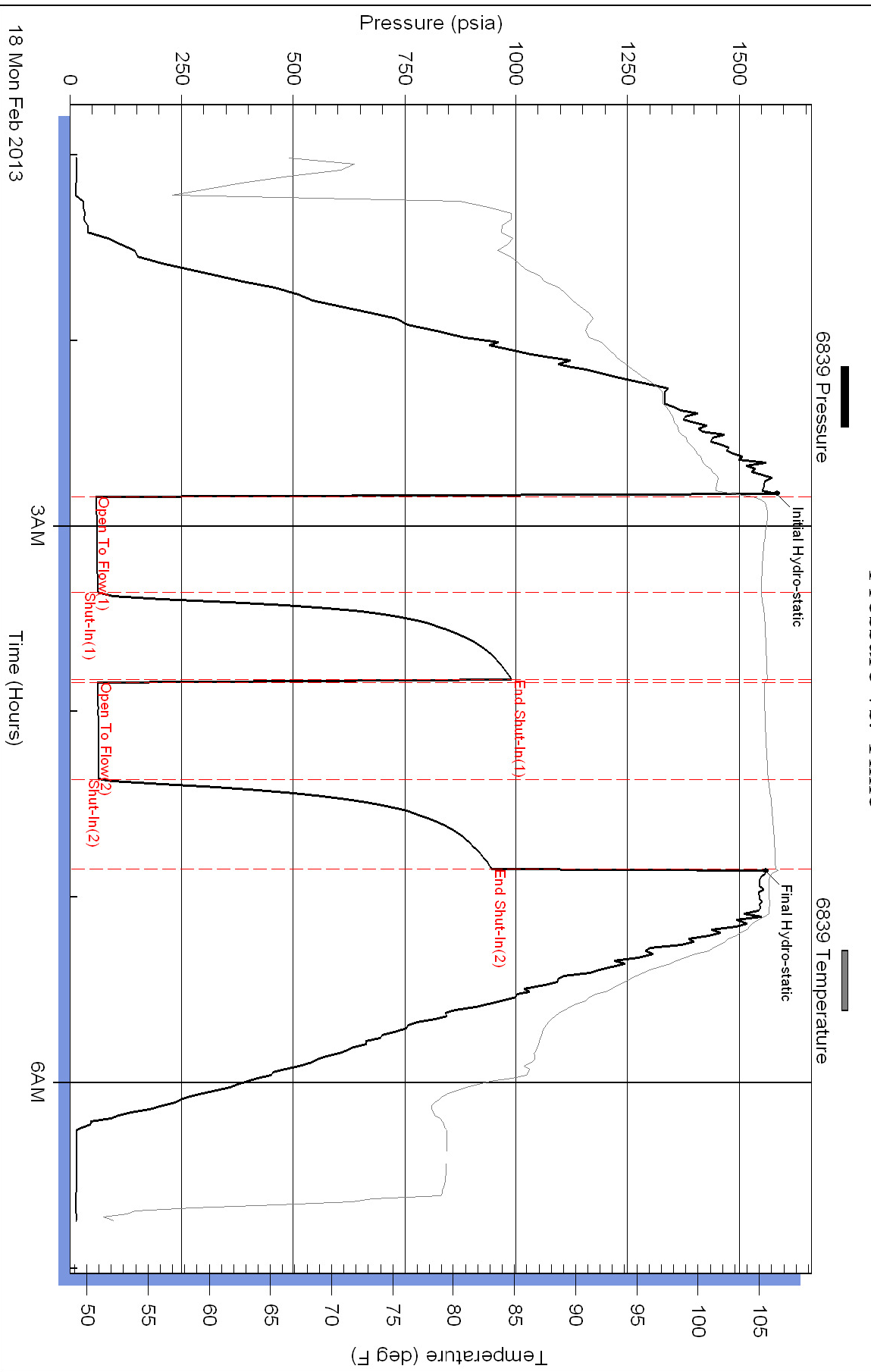
Serial #:

Laboratory Name:

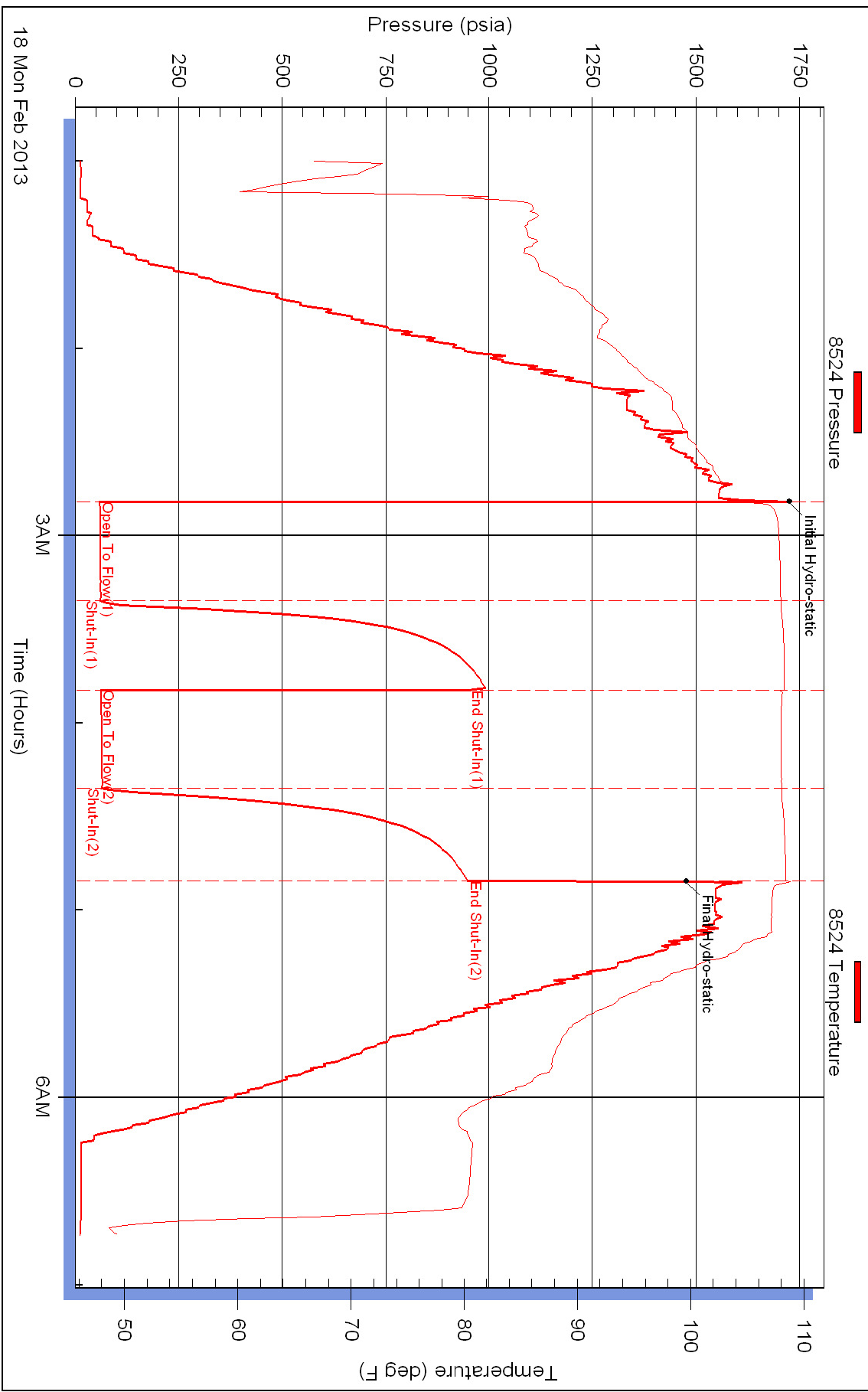
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **L B Exloration Inc.**

2135 2nd Road Holyrood
Kansas 67450

ATTN: Steven Peterman

Jezek #2

21-16s-10w-Ellsworth

Start Date: 2013.02.18 @ 06:45:00

End Date: 2013.02.18 @ 13:09:30

Job Ticket #: 17423 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.02.19 @ 01:25:28



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17423

DST#: 2

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 06:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:30:30

Time Test Ended: 13:09:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3330.00 ft (KB) To 3350.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3350.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6839 Outside

Press@RunDepth: 62.33 psia @ 3347.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.18 End Date: 2013.02.18

Last Calib.: 2013.02.19

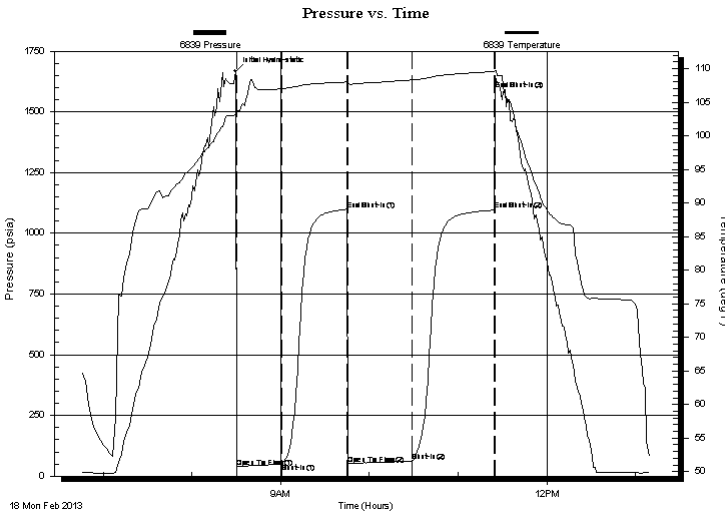
Start Time: 06:45:00 End Time: 13:09:30

Time On Btm: 2013.02.18 @ 08:29:30

Time Off Btm:

TEST COMMENT: 1st Open 30 minutes Fair building blow buit to 2 inches .
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Weak surface blow through out.
2nd Shut in 60 minutes No blow back

PRESSURE SUMMARY



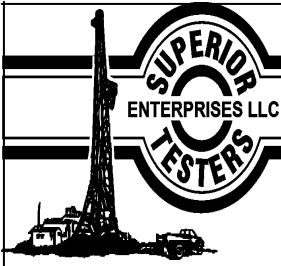
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1667.44	103.28	Initial Hydro-static
1	36.86	103.53	Open To Flow (1)
32	51.53	107.01	Shut-In(1)
75	1098.62	108.01	End Shut-In(1)
76	50.62	107.73	Open To Flow (2)
120	62.33	108.32	Shut-In(2)
175	1095.80	109.58	End Shut-In(2)
176	1593.13	109.73	End Shut-In(3)

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil 100%	0.07
65.00	Oil cut mud 65%Oil 35%Mud	0.91

Gas Rates

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



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17423

DST#: 2

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 06:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:30:30

Time Test Ended: 13:09:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3330.00 ft (KB) To 3350.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3350.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8524 Inside

Press@RunDepth: 1073.64 psia @ 3346.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.18 End Date: 2013.02.18

Last Calib.: 2013.02.19

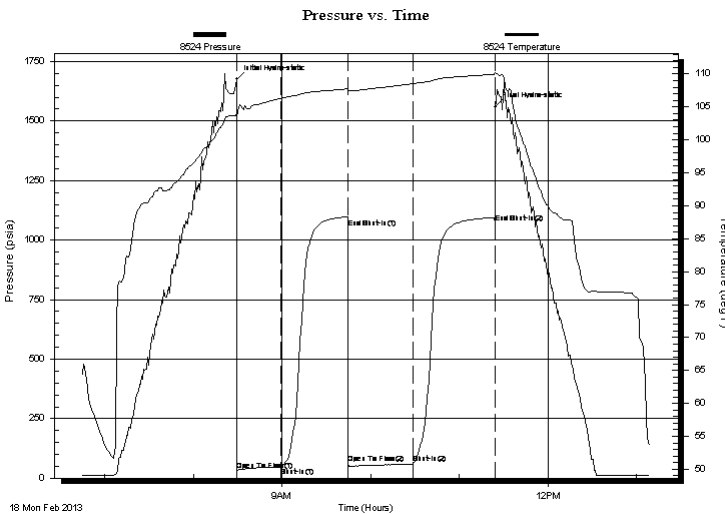
Start Time: 06:45:00 End Time: 13:09:28

Time On Btm: 2013.02.18 @ 08:29:31

Time Off Btm: 2013.02.18 @ 11:24:16

TEST COMMENT: 1st Open 30 minutes Fair building blow buit to 2 inches .
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Weak surface blow through out.
2nd Shut in 60 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1674.57	104.10	Initial Hydro-static
1	33.25	103.39	Open To Flow (1)
30	46.90	106.31	Shut-In(1)
76	1052.83	107.72	End Shut-In(1)
76	61.79	107.39	Open To Flow (2)
120	62.00	108.55	Shut-In(2)
175	1073.64	109.97	End Shut-In(2)
175	1558.84	110.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil 100%	0.07
65.00	Oil cut mud 65%Oil 35%Mud	0.91

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17423

DST#:2

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 06:45:00

Tool Information

Drill Pipe:	Length: 3320.00 ft	Diameter: 3.80 inches	Volume: 46.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3330.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut-In Tool	5.00			3315.00	
Hydraulic Tool	5.00			3320.00	
Packer	5.00			3325.00	20.00 Bottom Of Top Packer
Packer	5.00			3330.00	
Anchor	15.00			3345.00	
Recorder	1.00	8524	Inside	3346.00	
Recorder	1.00	6839	Outside	3347.00	
Bullnose	3.00			3350.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17423

DST#: 2

ATTN: Steven Peterman

Test Start: 2013.02.18 @ 06:45:00

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: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean Oil 100%	0.070
65.00	Oil cut mud 65%Oil 35%Mud	0.912

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

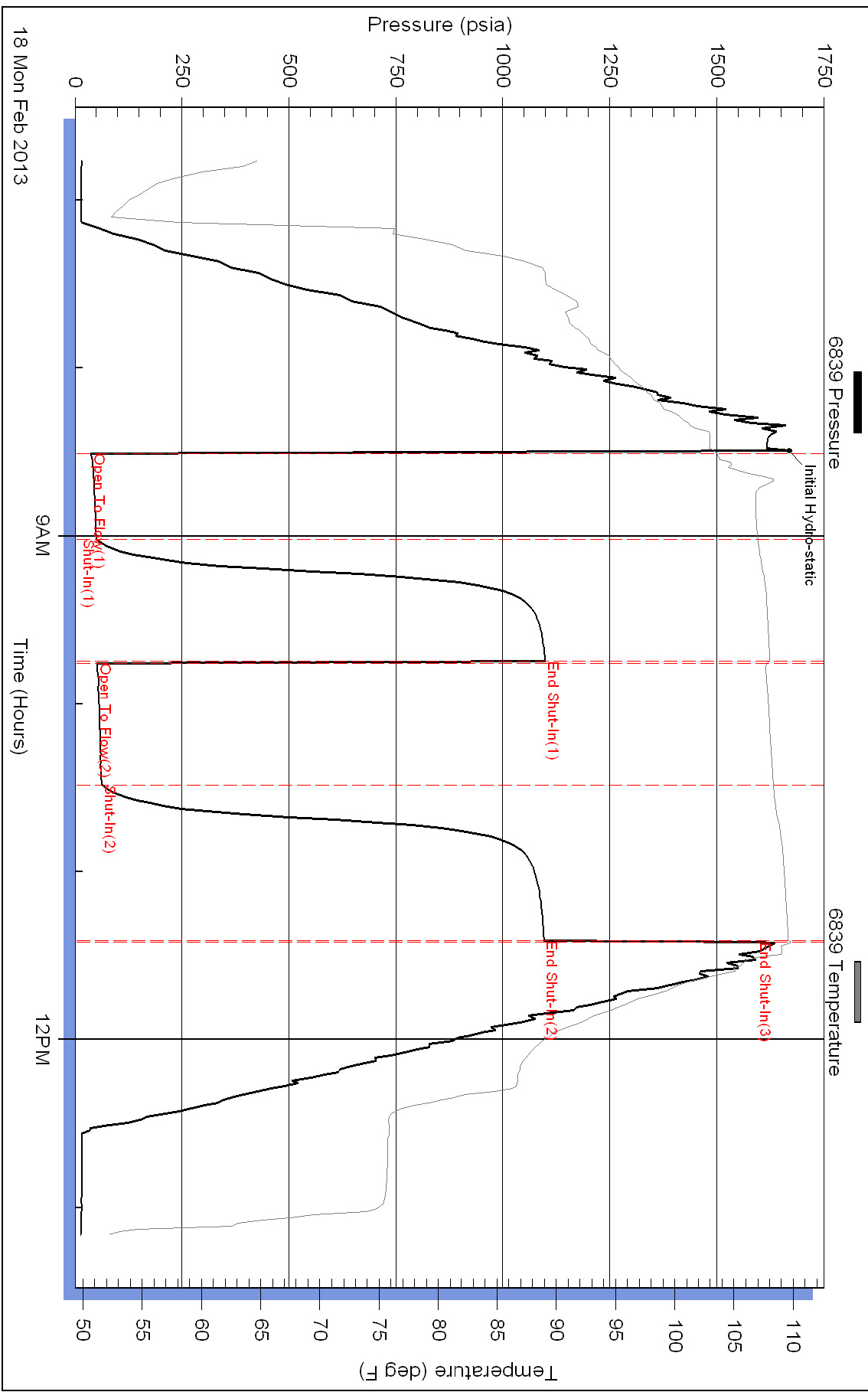
Serial #:

Laboratory Name:

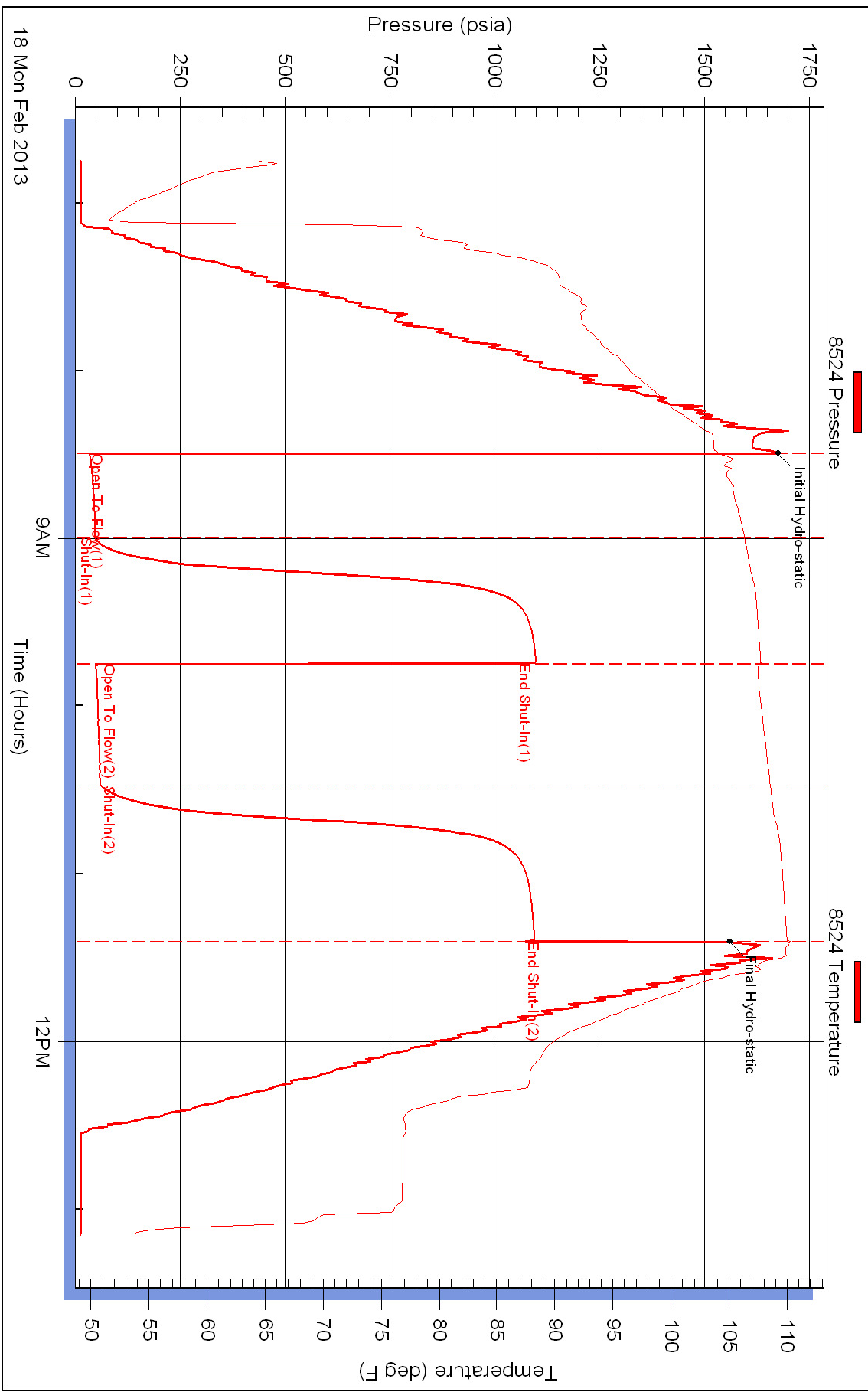
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



18 Mon Feb 2013



DRILL STEM TEST REPORT

Prepared For: **L B Exloration Inc.**

2135 2nd Road Holyrood
Kansas 67450

ATTN: Steven Peterman

Jezek #2

21-16s-10w-Ellsworth

Start Date: 2013.02.19 @ 06:55:00

End Date: 2013.02.19 @ 12:21:30

Job Ticket #: 17424 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.02.19 @ 12:41:13



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17424

DST#: 3

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:30

Time Test Ended: 12:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3350.00 ft (KB) To 3363.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3363.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6839 Outside

Press@RunDepth: 1130.01 psia @ 3360.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.19

End Date: 2013.02.19

Last Calib.: 2013.02.19

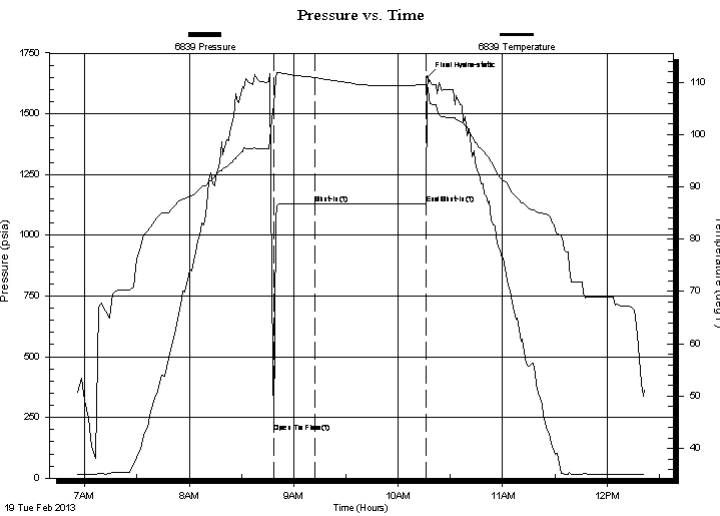
Start Time: 06:55:00

End Time: 12:21:30

Time On Btm:

Time Off Btm: 2013.02.19 @ 10:17:00

TEST COMMENT: 1st Open 20 minutes Strong blow blew bottom bucket in 1 minute.
1st Shut in 30 minutes No blow back.
2nd Open 20 minutes No blow dead
2nd Shut in 20 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	189.23	105.78	Open To Flow (1)
24	1130.01	110.89	Shut-In(1)
88	1130.55	109.50	End Shut-In(1)
89	1651.69	108.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
127.00	Mud 100%	1.78

Gas Rates

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



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17424

DST#: 3

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:30

Time Test Ended: 12:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3350.00 ft (KB) To 3363.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3363.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8524 Inside

Press@RunDepth: 1129.63 psia @ 3359.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.19

End Date: 2013.02.19

Last Calib.: 2013.02.19

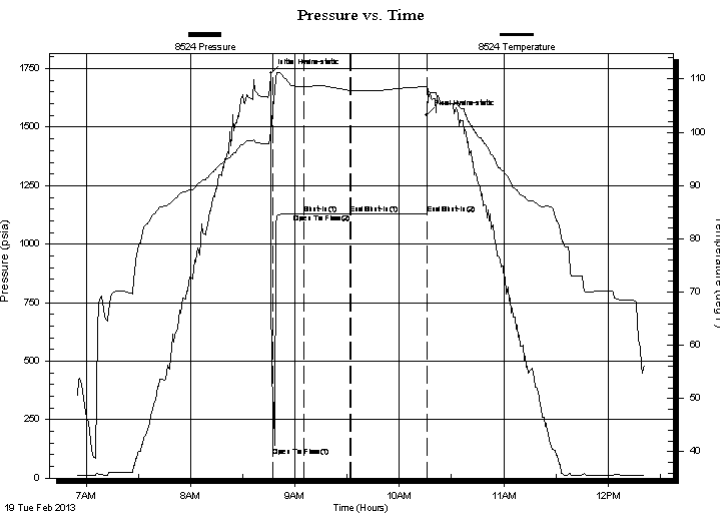
Start Time: 06:55:00

End Time: 12:21:04

Time On Btm: 2013.02.19 @ 08:46:16

Time Off Btm: 2013.02.19 @ 10:15:44

TEST COMMENT: 1st Open 20 minutes Strong blow blew bottom bucket in 1 minute.
1st Shut in 30 minutes No blow back.
2nd Open 20 minutes No blow dead
2nd Shut in 20 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1730.68	100.27	Initial Hydro-static
1	92.17	104.36	Open To Flow (1)
19	1129.32	108.61	Shut-In(1)
46	1129.48	107.85	End Shut-In(1)
46	1129.48	107.85	Open To Flow (2)
90	1129.63	108.53	End Shut-In(2)
90	1552.98	108.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
127.00	Mud 100%	1.78

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17424

DST#: 3

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:55:00

Tool Information

Drill Pipe:	Length: 3352.00 ft	Diameter: 3.80 inches	Volume: 47.02 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 47.02 bbl</u>	Tool Chased	5.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	3350.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	33.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

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

Shut-In Tool	5.00			3335.00	
Hydraulic Tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Anchor	8.00			3358.00	
Recorder	1.00	8524	Inside	3359.00	
Recorder	1.00	6839	Outside	3360.00	
Bullnose	3.00			3363.00	13.00 Bottom Packers & Anchor

Total Tool Length: 33.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17424

DST#: 3

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
127.00	Mud 100%	1.781

Total Length: 127.00 ft Total Volume: 1.781 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

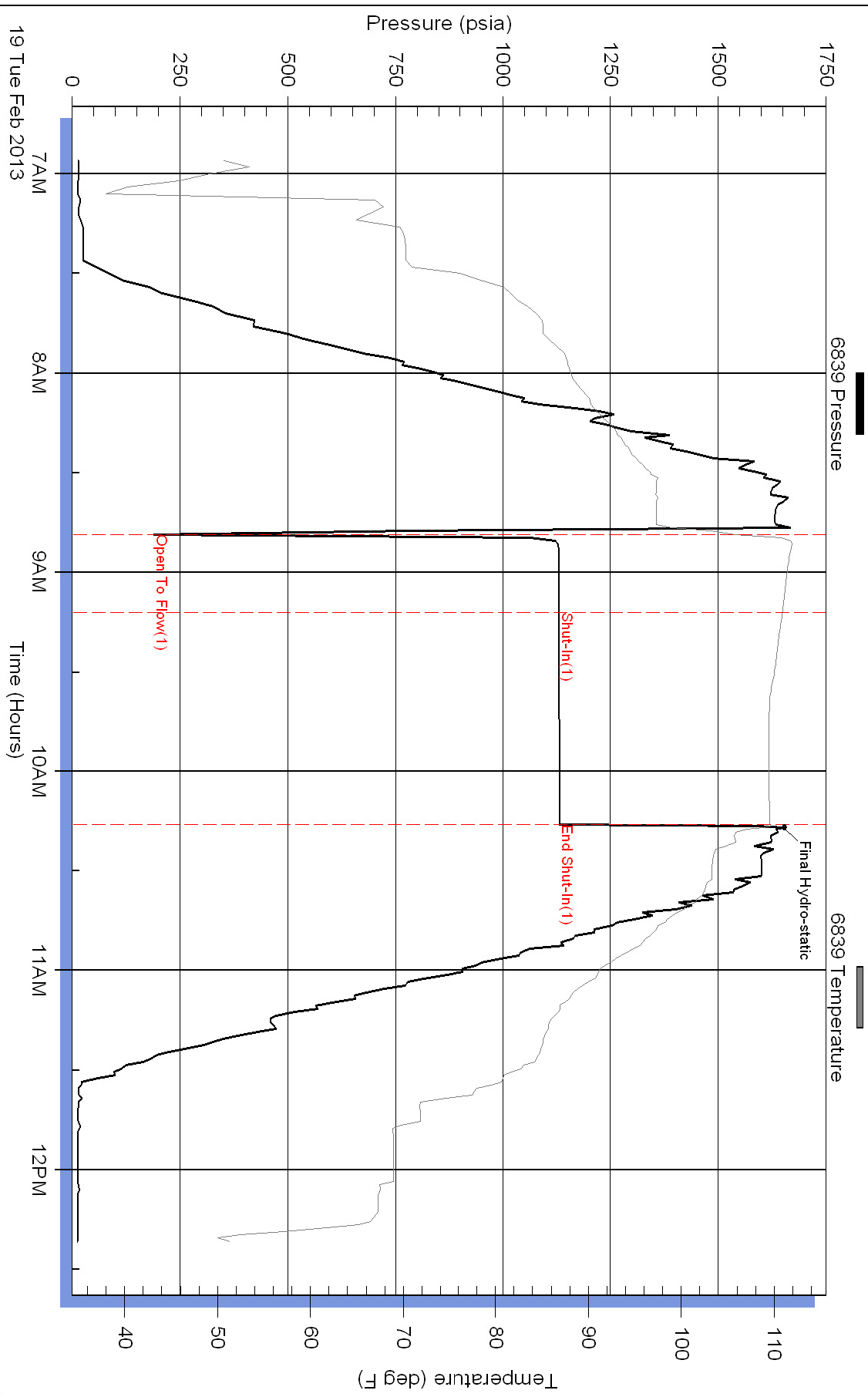
Serial #:

Laboratory Name:

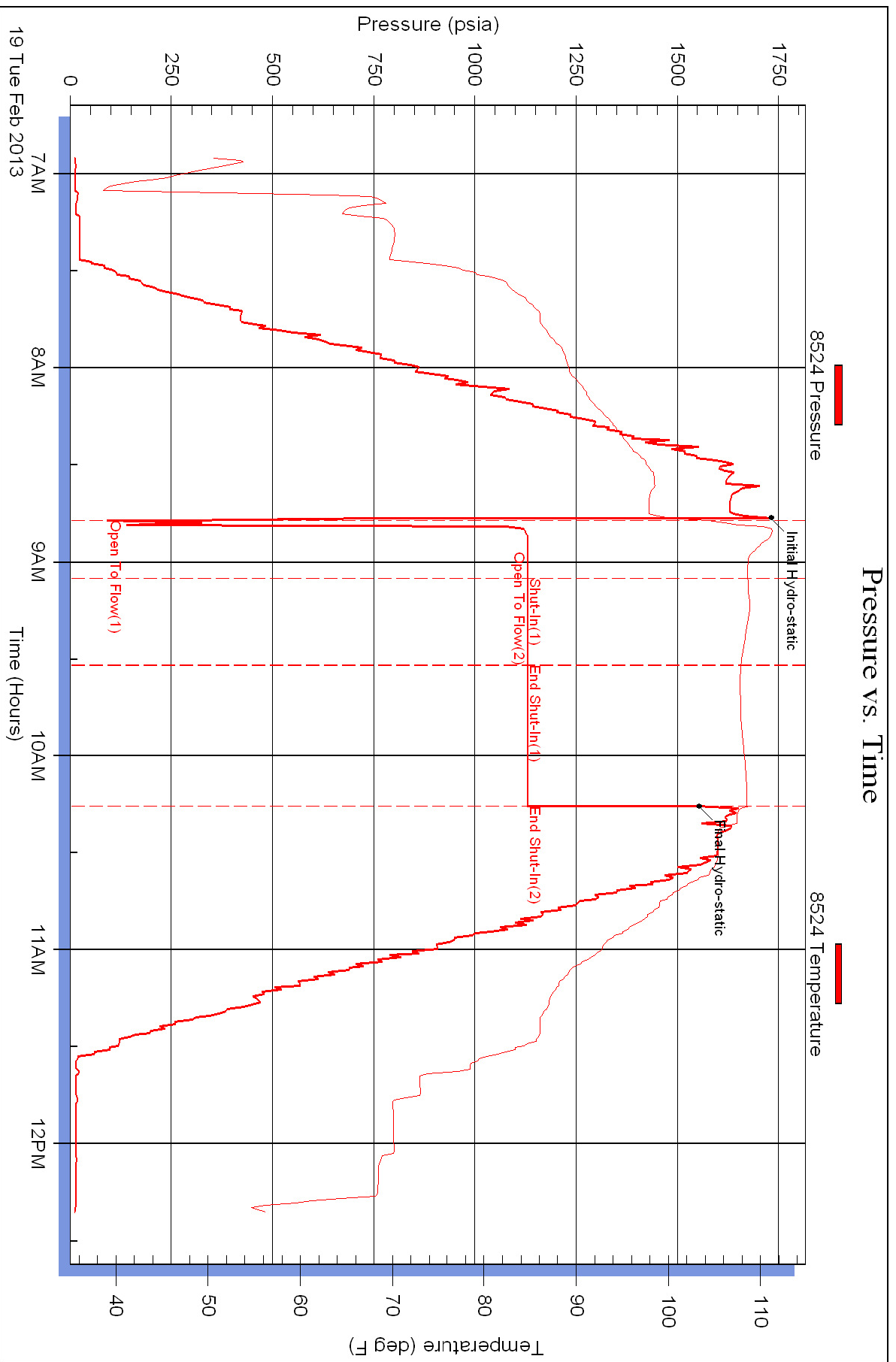
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **L B Exloration Inc.**

2135 2nd Road Holyrood
Kansas 67450

ATTN: Steven Peterman

Jezek #2

21-16s-10w-Ellsworth

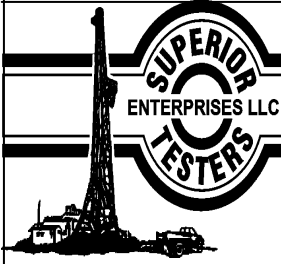
Start Date: 2013.02.19 @ 06:05:00

End Date: 2013.02.19 @ 12:34:30

Job Ticket #: 17425 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.02.20 @ 00:53:42



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17425

DST#: 4

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:34:30

Time Test Ended: 12:34:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3350.00 ft (KB) To 3363.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3363.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6839 Outside

Press@RunDepth: 668.03 psia @ 3360.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.19

End Date: 2013.02.19

Last Calib.: 2013.02.20

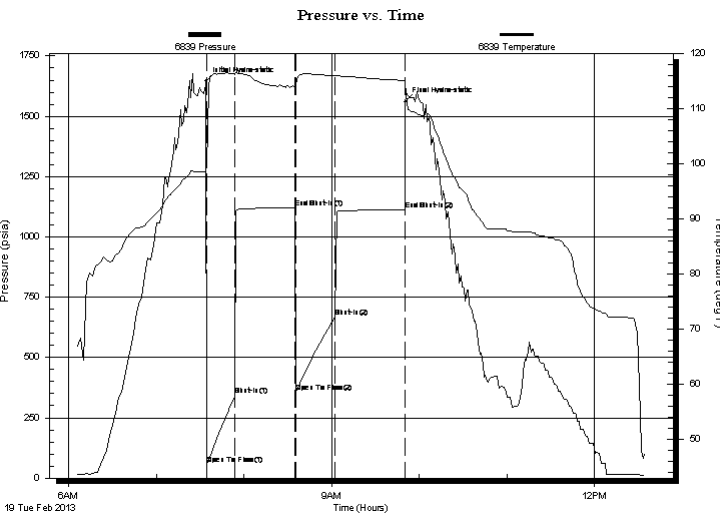
Start Time: 06:05:00

End Time: 12:34:30

Time On Btm: 2013.02.19 @ 07:34:00

Time Off Btm: 2013.02.19 @ 09:50:30

TEST COMMENT: 1st Open 20 minutes Strong blow blew bottom bucket 3.5 minutes.
1st Shut in 40 minutes No blow back
2nd Open 30 minutes Strong blow blew bottom bucket 3 minutes.
2nd Shut in 45 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1644.92	98.92	Initial Hydro-static
1	58.40	99.37	Open To Flow (1)
20	342.15	116.22	Shut-In(1)
61	1120.63	113.89	End Shut-In(1)
62	355.10	114.18	Open To Flow (2)
89	668.03	115.89	Shut-In(2)
136	1113.53	115.08	End Shut-In(2)
137	1559.00	114.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Clean oil 100%	0.14
794.00	Oil cut w ater 30%oil 70%w ater	11.14
610.00	Water 100%	8.56
0.00	Chlorides 52,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17425

DST#: 4

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:34:30

Time Test Ended: 12:34:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-80

Interval: 3350.00 ft (KB) To 3363.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 3363.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8524 Inside

Press@RunDepth: 1112.92 psia @ 3359.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.02.19

End Date: 2013.02.19

Last Calib.: 2013.02.20

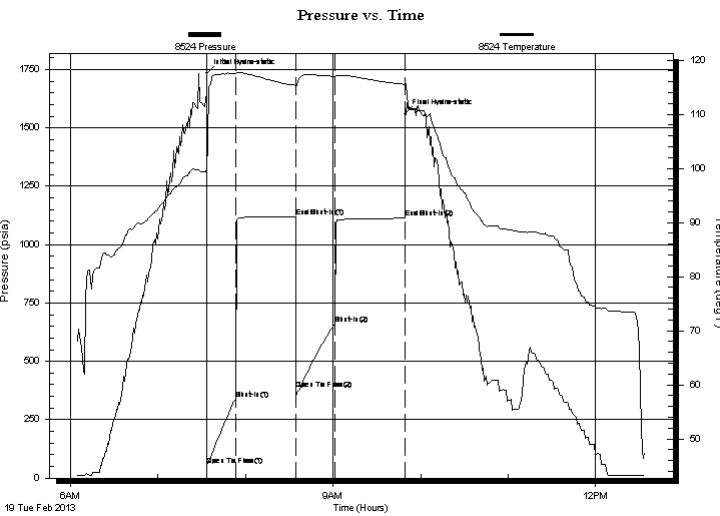
Start Time: 06:05:00

End Time: 12:33:54

Time On Btm: 2013.02.19 @ 07:33:43

Time Off Btm: 2013.02.19 @ 09:49:36

TEST COMMENT: 1st Open 20 minutes Strong blow blew bottom bucket 3.5 minutes.
1st Shut in 40 minutes No blow back
2nd Open 30 minutes Strong blow blew bottom bucket 3 minutes.
2nd Shut in 45 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1733.97	100.25	Initial Hydro-static
1	56.81	99.61	Open To Flow (1)
20	338.70	117.46	Shut-In(1)
61	1120.17	115.31	End Shut-In(1)
61	380.27	114.97	Open To Flow (2)
88	661.06	117.00	Shut-In(2)
136	1112.92	115.55	End Shut-In(2)
136	1559.74	115.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Clean oil 100%	0.14
794.00	Oil cut w ater 30%oil 70%w ater	11.14
610.00	Water 100%	8.56
0.00	Chlorides 52,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezek #2

Job Ticket: 17425

DST#: 4

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:05:00

Tool Information

Drill Pipe:	Length: 3352.00 ft	Diameter: 3.80 inches	Volume: 47.02 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 47.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3350.00 ft			Final 52000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut-In Tool	5.00			3335.00	
Hydraulic Tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Anchor	8.00			3358.00	
Recorder	1.00	8524	Inside	3359.00	
Recorder	1.00	6839	Outside	3360.00	
Bullnose	3.00			3363.00	13.00 Bottom Packers & Anchor

Total Tool Length: 33.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exloration Inc.

21-16s-10w-Ellsworth

2135 2nd Road Holyrood
Kansas 67450

Jezeq #2

Job Ticket: 17425

DST#: 4

ATTN: Steven Peterman

Test Start: 2013.02.19 @ 06:05:00

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: 44.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: 0.40 ohm.m

Gas Cushion Pressure: psia

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Clean oil 100%	0.140
794.00	Oil cut w ater 30%oil 70%w ater	11.138
610.00	Water 100%	8.557
0.00	Chlorides 52,000	0.000

Total Length: 1414.00 ft Total Volume: 19.835 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

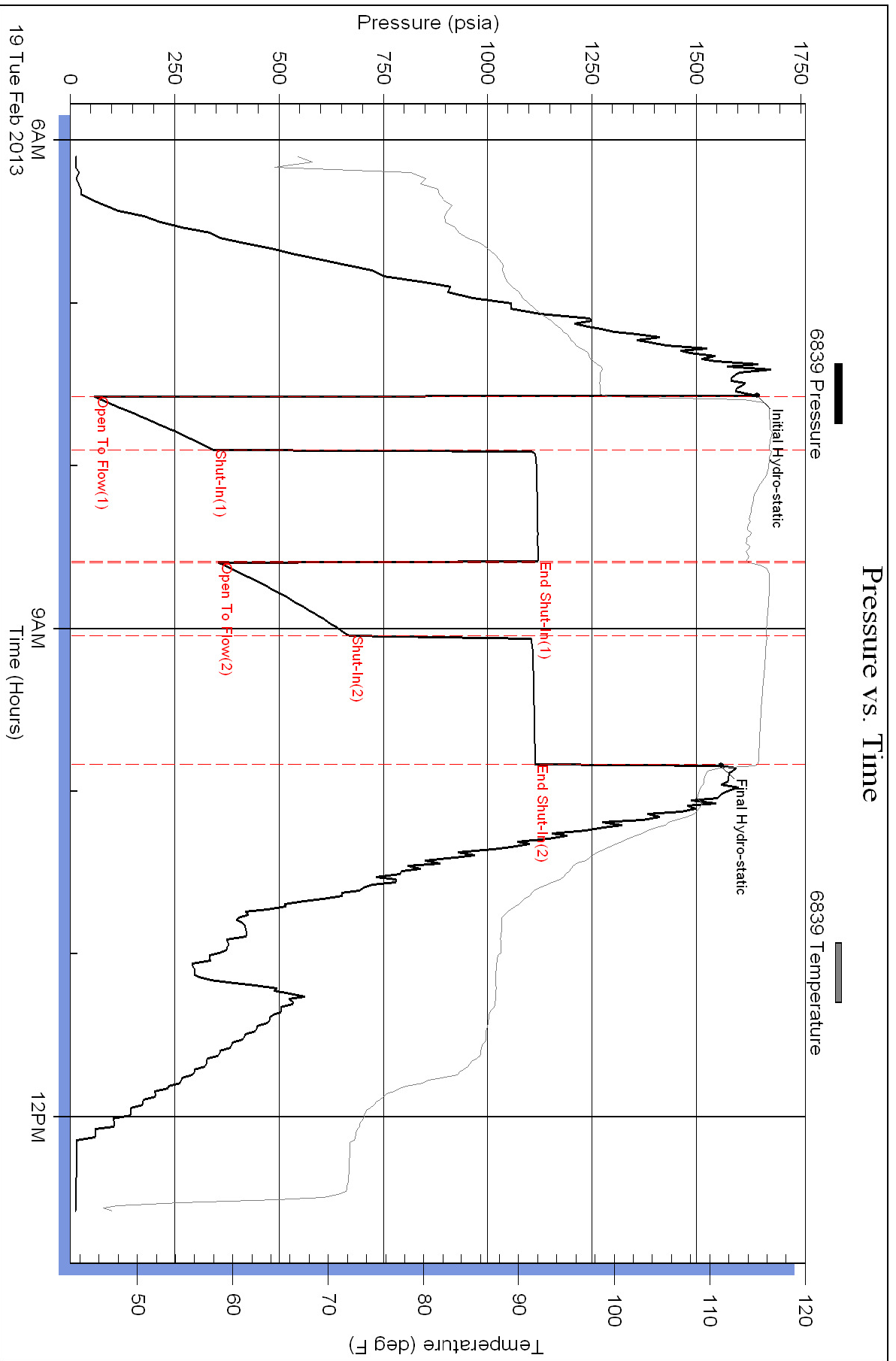
Serial #:

Laboratory Name:

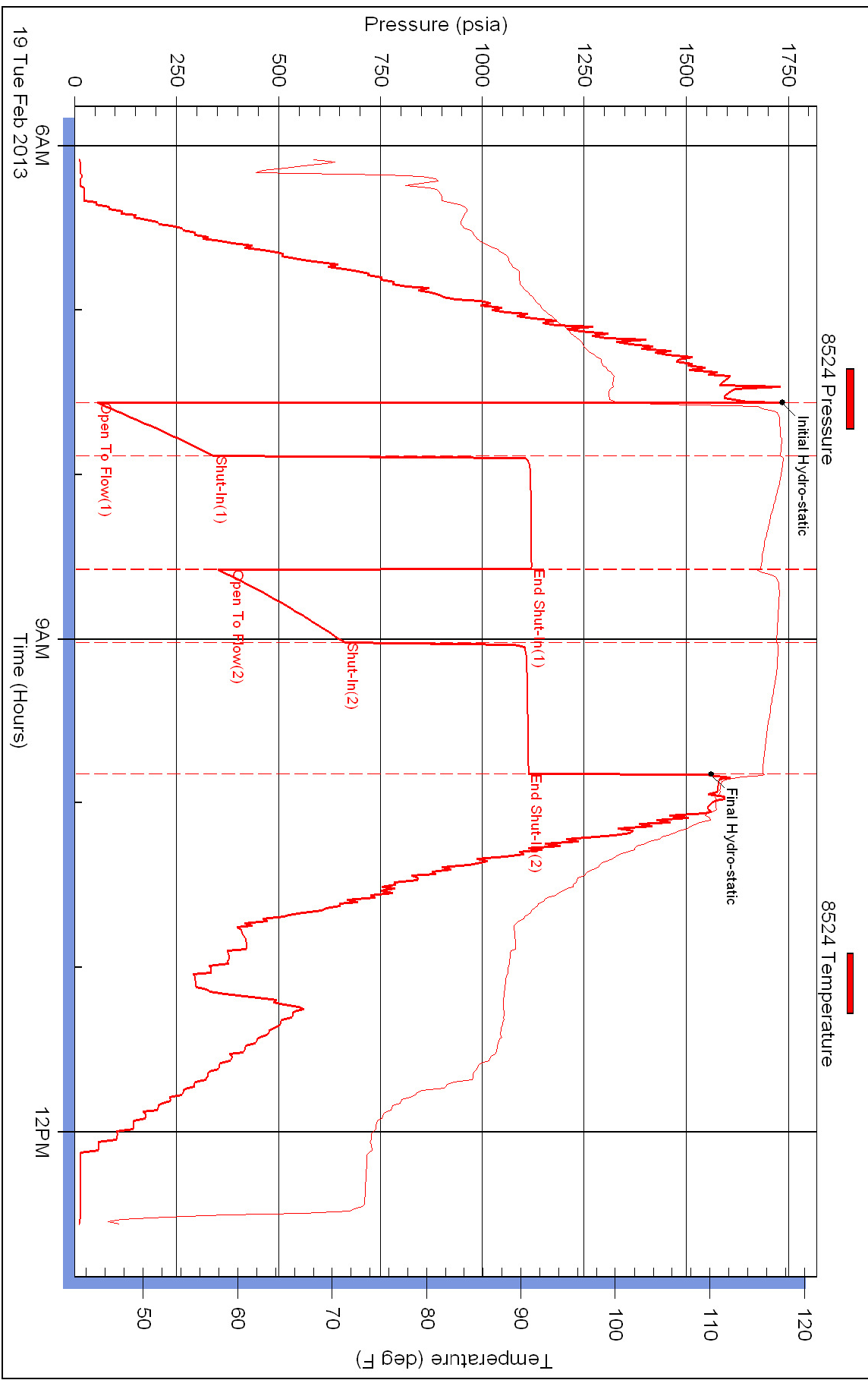
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



ALLIED OIL & GAS SERVICES, LLC

059353

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Forest Bend, KS

DATE <i>2-14-13</i>	SEC. <i>21</i>	TWP. <i>16</i>	RANGE <i>10 W</i>	CALLED OUT	ON LOCATION	JOB START <i>6:00 pm</i>	JOB FINISH <i>7:00 pm</i>
LEASE <i>Jezeek</i>	WELL # <i>2</i>	LOCATION <i>Ellsworth County Line</i>			COUNTY <i>Ellsworth</i>	STATE <i>KS</i>	
OLD OR (NEW) (Circle one)		<i>7 N 23 1/2 E S10</i>				<i>2.01</i>	<i>7.3</i>

CONTRACTOR *Minnesota Drilling #101* OWNER _____

TYPE OF JOB *Surface*

HOLE SIZE <i>12 1/4</i>	T.D.
CASING SIZE <i>8 7/8</i>	DEPTH <i>695.46</i>
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2</i>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <i>17 FT</i>	
PERFS.	
DISPLACEMENT <i>43,21 bbls Freshwater</i>	

EQUIPMENT

PUMP TRUCK # <i>366</i>	CEMENTER <i>Dustin Chambers 1</i>
BULK TRUCK # <i>610-241</i>	HELPER <i>Kevin Eddy 2</i>
BULK TRUCK #	DRIVER <i>Kevin Veligous 3</i>
BULK TRUCK #	DRIVER

CEMENT

AMOUNT ORDERED *125 sks class A 2-gyp 201*
37 cc 27 sodium metasilicate 14 fl oz 711
150 sks class A 37 cc 2-gyp

COMMON <i>275</i>	@ <i>17.90</i>	<i>4,922.50</i>
POZMIX	@	
GEL <i>3</i>	@ <i>23.40</i>	<i>70.20</i>
CHLORIDE <i>10</i>	@ <i>64.00</i>	<i>640.00</i>
ASC	@	
<i>1/2 Seal 31</i>	@ <i>2.97</i>	<i>92.07</i>
<i>Gyc Seal 2</i>	@ <i>37.60</i>	<i>75.20</i>
<i>Sodium metasilicate 3.30</i>	@ <i>660.00</i>	<i>660.00</i>
<i>200</i>	@	
	@	
	@	
	@	
	@	
HANDLING <i>301.70</i>	@ <i>2.48</i>	<i>748.23</i>
MILEAGE <i>274 Tow miles</i>	@ <i>2.60</i>	<i>712.40</i>
		TOTAL <i>7,920.52</i>

REMARKS:

Break circulation with big mud pump 5 bbls freshwater ahead

Mix 125 sks class A 2-gyp 201 37 cc 27 sodium metasilicate 14 fl oz

Mix 150 sks class A 37 cc 2-gyp

Shut Down & Release Plug

Low plug pressure 700#

ceMENT did circulate

plug Down 7:00 pm

CHARGE TO: *LB Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	<i>1512.25</i>	
EXTRA FOOTAGE	@	
MILEAGE <i>Hum 20</i>	@ <i>7.70</i>	<i>154.00</i>
MANIFOLD	@	
<i>Hum 20</i>	@ <i>4.40</i>	<i>88.00</i>
	@	
		TOTAL <i>1,754.25</i>

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

<i>45/45 Drift Plug</i>	@ <i>131.04</i>	<i>131.04</i>
<i>45/45 Wood Plug</i>	@ <i>107.64</i>	<i>107.64</i>
	@	
	@	
	@	
	@	
		TOTAL <i>238.68</i>
SALES TAX (If Any) <i>489 -</i>		
TOTAL CHARGES <i>9,913.52</i>		
DISCOUNT <i>2,775.78</i>		
		IF PAID IN 30 DAYS
		<i>7,137.73</i>

PRINTED NAME *X Richard A. Barriger*

SIGNATURE *X Richard A. Barriger*

Thank You!!

ALLIED OIL & GAS SERVICES, LLC

059293

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-21-13	21	16S	10W		12:15 AM	11:00 AM	12:00 PM
LEASE <u>Tezek</u>	WELL # <u>2</u>	LOCATION <u>Ellsworth County Line, N 7.5 mi. E 2 3/4 mi. South into Location (32m)</u>			COUNTY <u>Ellsworth</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Minnsco 101
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8" T.D. 3485 ft
 CASING SIZE 5 1/2" 14" DEPTH 3468.28 ft
 TUBING SIZE Prev. csg 8 5/8" 24" DEPTH 670 ft
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42.14 ft
 CEMENT LEFT IN CSG. 42.14 ft, 1661, 3.55x
 PERFS.
 DISPLACEMENT 83.5 bbls KCL Water

OWNER L.B. Exploration

CEMENT
 AMOUNT ORDERED 160s ASC + 2% Col + 6% Gypsum
+ 10% Salt + 5% Pot Seal + 18% FL-160 + 14% De foam
50s 60/40 + 4% Col + 2.5% F10 Seal

COMMON	30	@ 17.90	537.00
POZMIX	20	@ 9.35	187.00
GEL	2	@ 23.40	46.80
CHLORIDE	@		
ASC	1.50 5x	@ 20.90	31.35.00
Gilsonite	750	@ 1.78	1335.00
157-160	112	@ 18.90	2116.80
DF	19	@ 9.80	186.20
			620.00
HANDLING	260.02	@ 2.48	644.80
MILEAGE	10.72 x 20 x	2.60	557.35
			214.55
			TOTAL 8121.65

EQUIPMENT

PUMP TRUCK # <u>606</u>	CEMENTER <u>C. EIKins</u>	1
	HELPER <u>Patrick Helsen</u>	1
BULK TRUCK # <u>603</u>	DRIVER <u>Kevin Weigous</u>	3
BULK TRUCK #	DRIVER <u>Josh Isaac</u>	2

REMARKS:

Run Guide Shoe, Latch Down Collar + 10 Centralizers
Plug Rat Hole with 7.5 bbls, 30s Cement
Plug Mouse Hole with 5 bbls, 20s Cement
Pass 20 bbls KCL Mud, 12 bbls Mud Flush, 5 bbls
Fresh Water, 42 bbls Cement, Drag Plug + Flush
Lines, Displace with 83.5 bbls KCL water

CHARGE TO: L.B. Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	3468	
PUMP TRUCK CHARGE	2558.12	
EXTRA FOOTAGE	@	
MILEAGE	10.72 @ 20	214.40
MANIFOLD	Head Rent @ 275.00	275.00
	h um 20 @ 4.40	88.00
	Rotations Head @ 275.00	275.00
		TOTAL 3358.75

PLUG & FLOAT EQUIPMENT

5 1/2" Guide Shoe	@ 280.00	280.00
5 1/2" Latch Down Plug collar	@ 324.00	324.00
10 centralizers	@ 373.33	373.33
5 1/2" Rotating Collar	@	
Collar with Pins	@ NC	NC
Do To Bird weather		
		TOTAL 1178.19

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) 592.90
 TOTAL CHARGES 12,650.59
 DISCOUNT 3,795.11
8,855.41 IF PAID IN 30 DAYS

PRINTED NAME Michael Peterman
 SIGNATURE [Signature]