



KANSAS CORPORATION COMMISSION 1084005
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: _____



1084005

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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	LB Exploration, Inc.
Well Name	Kingston 4
Doc ID	1084005

All Electric Logs Run

Dual Compensated Porosity
Microresistivity
Dual Induction
Borehole Compensated Sonic

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 427

Date	5-22-12	Sec.	34	Twp.	16	Range	14	County	Barton	State	Ks	On Location		Finish	6:00 PM					
Lease	Kingston	Well No.	4	Location	281 Hwy + Galatia Bk Top, 25 to 1702															
Contractor	Royal Rig #2	Owner	L.W. N/S																	
Type Job	Surface	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.																		
Hole Size	12 1/4"	T.D.	948'																	
Csg.	8 5/8"	Depth	948'																	
Tbg. Size		Depth																		
Tool		Depth																		
Cement Left in Csg.	15'	Shoe Joint	15'																	
Meas Line		Displace	59 1/4 BLS																	
EQUIPMENT										Cement Amount Ordered						350 5x Common 3% CC				
Pumptrk	9	No.	Cementer	Matt																
Bulktrk	12	No.	Driver	Ronnie																
Bulktrk	10	No.	Driver	Rick																
JOB SERVICES & REMARKS										2% Gel										
Remarks:	Cement did Circulate.																			
Rat Hole																				
Mouse Hole																				
Centralizers																				
Baskets																				
D/V or Port Collar																				
										FLOAT EQUIPMENT										
										Guide Shoe										
										Centralizer										
										Baskets										
										AFU Inserts										
										Float Shoe										
										Latch Down										
										1 - Baffle plate										
										1 - Rubber plug										
										Pumptrk Charge										
										Mileage										
																Tax				
																Discount				
																Total Charge				
Signature										Doug Bridg										



DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Holyrood, Kansas 67450+9021

ATTN: Steven Peterson

Kingston #4

34/16S/14W/Barton

Start Date: 2012.05.26 @ 18:06:00

End Date: 2012.05.27 @ 00:08:00

Job Ticket #: 17642 DST #: 1

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

Printed: 2012.05.27 @ 00:21:47



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17642 **DST#: 1**
 Test Start: 2012.05.26 @ 18:06:00

Tool Information

Drill Pipe:	Length: 3191.00 ft	Diameter: 3.88 inches	Volume: 46.67 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: 65000.00 lb
			<u>Total Volume: 46.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3198.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			3176.00	
Hydraulic Tool	5.00			3181.00	
Jars	5.00			3186.00	
Safety Joint	2.00			3188.00	
Packer	5.00			3193.00	27.00 Bottom Of Top Packer
Packer	5.00			3198.00	
Anchor	33.00			3231.00	
Recorder	1.00	6749	Inside	3232.00	
Recorder	1.00	6999	Outside	3233.00	
Bullnose	3.00			3236.00	38.00 Bottom Packers & Anchor
Total Tool Length:	65.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17642 **DST#: 1**
 Test Start: 2012.05.26 @ 18:06:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	675 feet gas in pipe	0.000
45.00	Slightly gassy Oily Mud	0.658
0.00	Gas 10% Oil 40% Mud 50%	0.000

Total Length: 45.00 ft Total Volume: 0.658 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6749

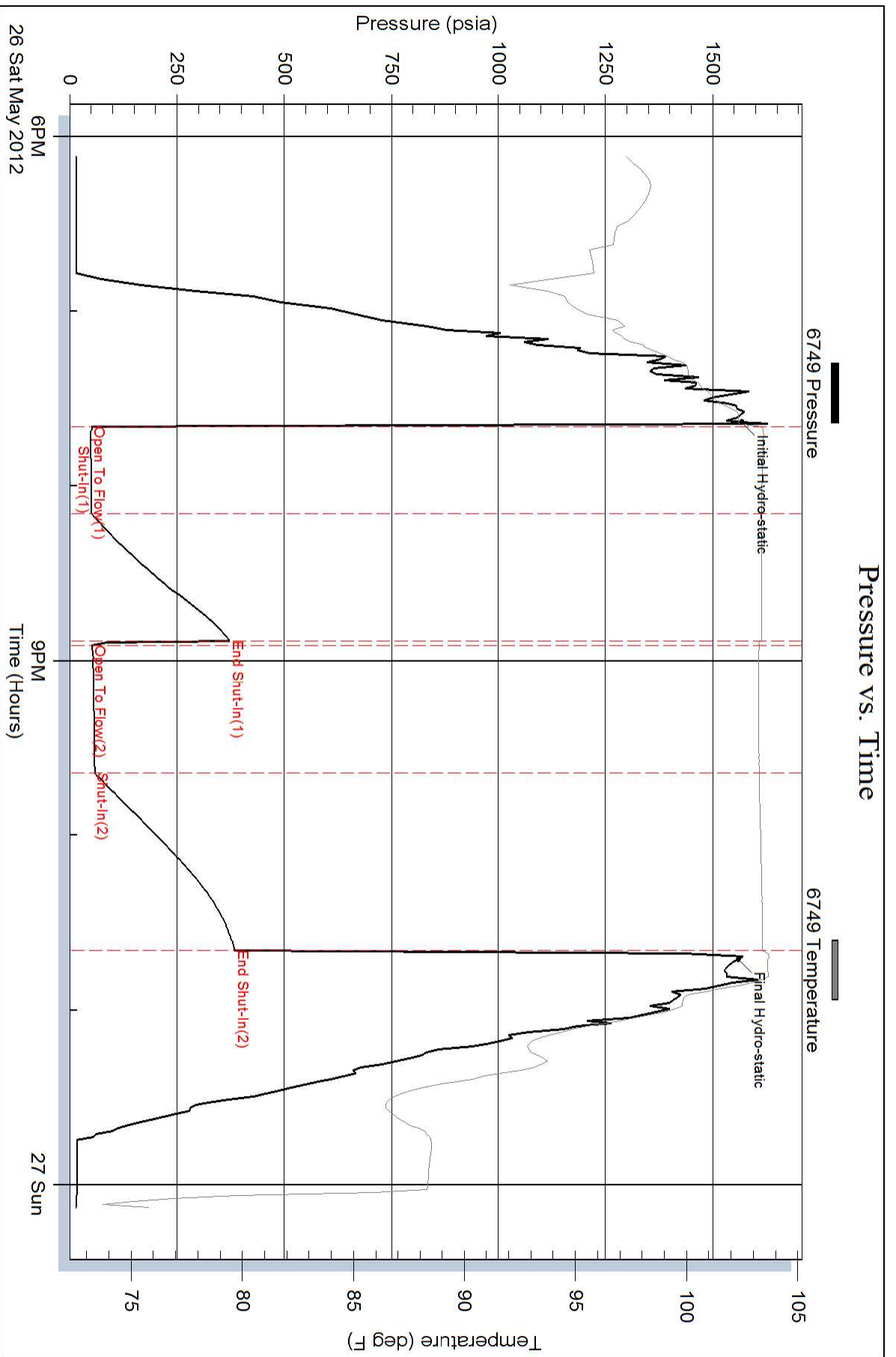
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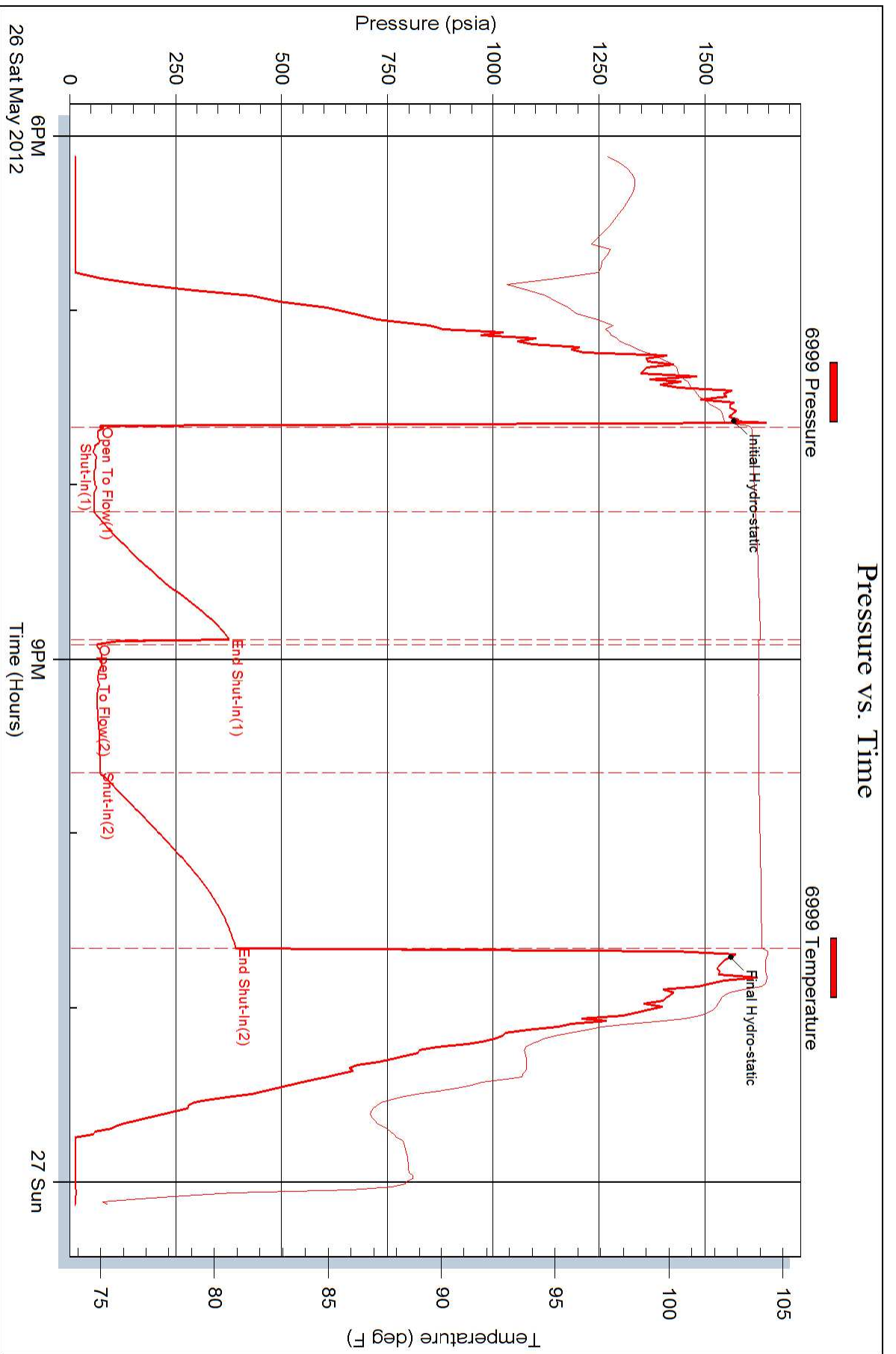
LB Exploration Incorporated

Kingston #4

DST Test Number: 1

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Holyrood, Kansas 67450+9021

ATTN: Steven Peterson

Kingston #4

34/16S/14W/Barton

Start Date: 2012.05.27 @ 06:52:00

End Date: 2012.05.27 @ 11:47:30

Job Ticket #: 17643 DST #: 2

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

Printed: 2012.05.27 @ 12:00:28



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17643 **DST#: 2**
 Test Start: 2012.05.27 @ 06:52:00

Tool Information

Drill Pipe:	Length: 3225.00 ft	Diameter: 3.88 inches	Volume: 47.16 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: 60000.00 lb
			<u>Total Volume: 47.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3246.00 ft			Final 35500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 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			3224.00	
Hydraulic Tool	5.00			3229.00	
Jars	5.00			3234.00	
Safety Joint	2.00			3236.00	
Packer	5.00			3241.00	27.00 Bottom Of Top Packer
Packer	5.00			3246.00	
Anchor	35.00			3281.00	
Recorder	1.00	6749	Inside	3282.00	
Recorder	1.00	6999	Outside	3283.00	
Bullnose	3.00			3286.00	40.00 Bottom Packers & Anchor
Total Tool Length:	67.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17643 **DST#: 2**
 Test Start: 2012.05.27 @ 06:52:00

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: 11.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	620 Feet of gas in pipe	0.000
40.00	Slightly gassy oil cut mud	0.585
0.00	Gas 5% Oil 5% Mud 90%	0.000

Total Length: 40.00 ft Total Volume: 0.585 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6749

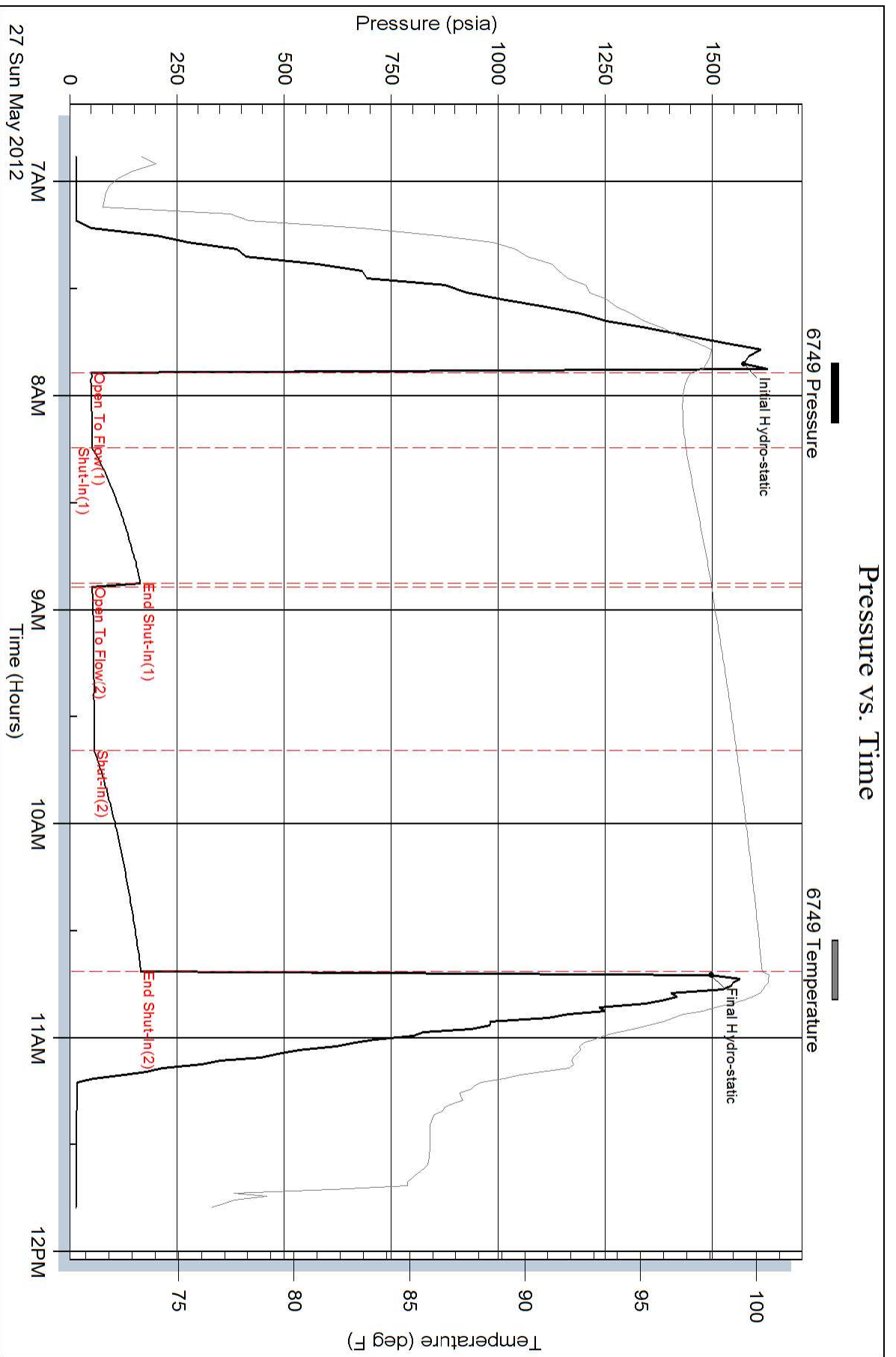
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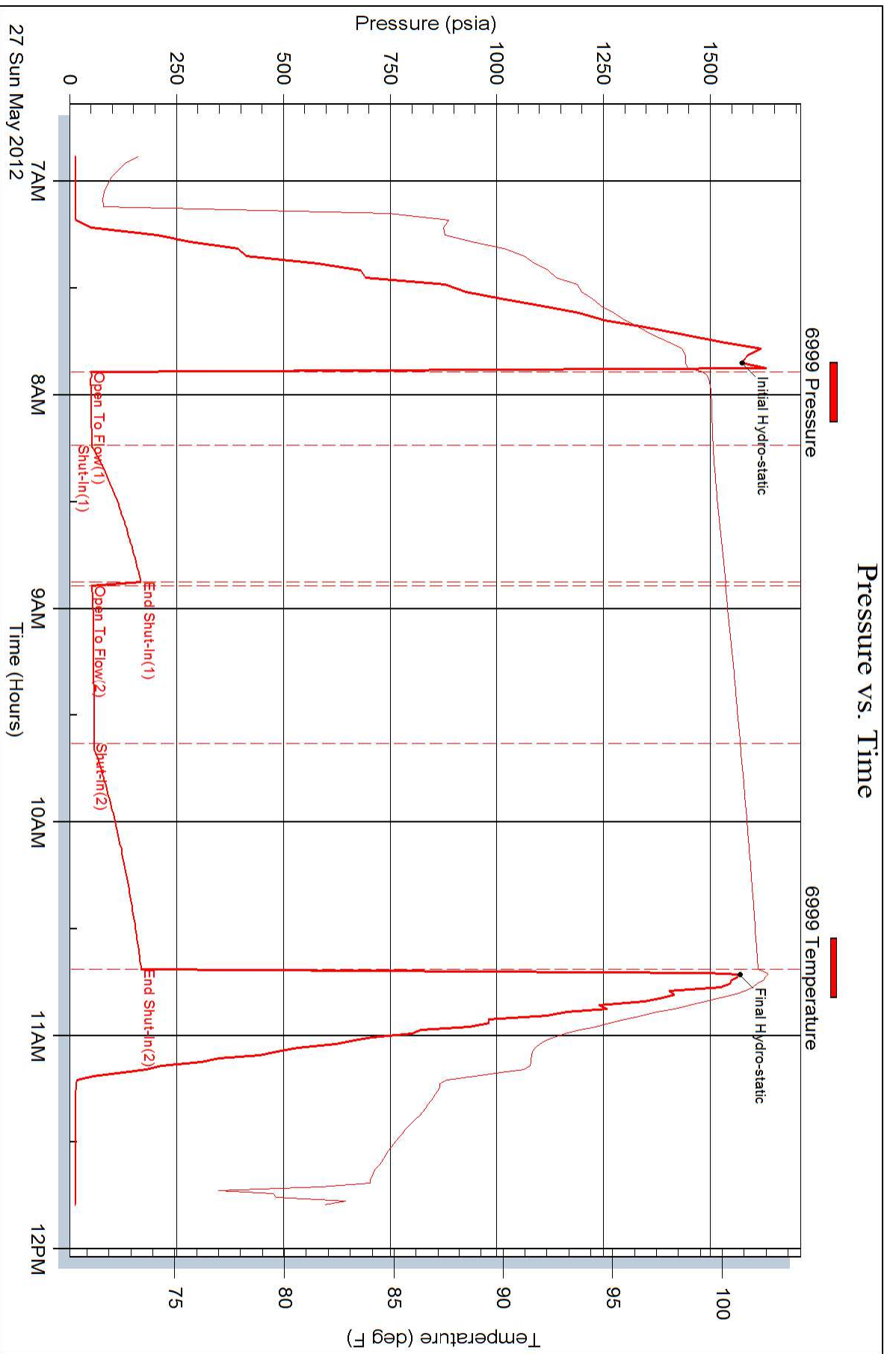
LB Exploration Incorporated

Kingston #4

DST Test Number: 2

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Holyrood, Kansas 67450+9021

ATTN: Steven Peterson

Kingston #4

34/16S/14W/Barton

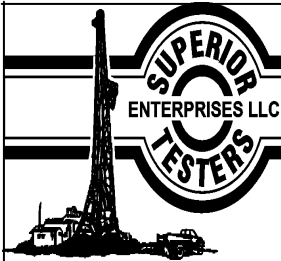
Start Date: 2012.05.28 @ 04:05:00

End Date: 2012.05.28 @ 07:55:30

Job Ticket #: 17644 DST #: 3

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

Printed: 2012.05.28 @ 08:06:00



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17644 **DST#: 3**
 Test Start: 2012.05.28 @ 04:05:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:25:30
 Time Test Ended: 07:55:30

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/45

Interval: 3411.00 ft (KB) To 3462.00 ft (KB) (TVD)
 Total Depth: 3462.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

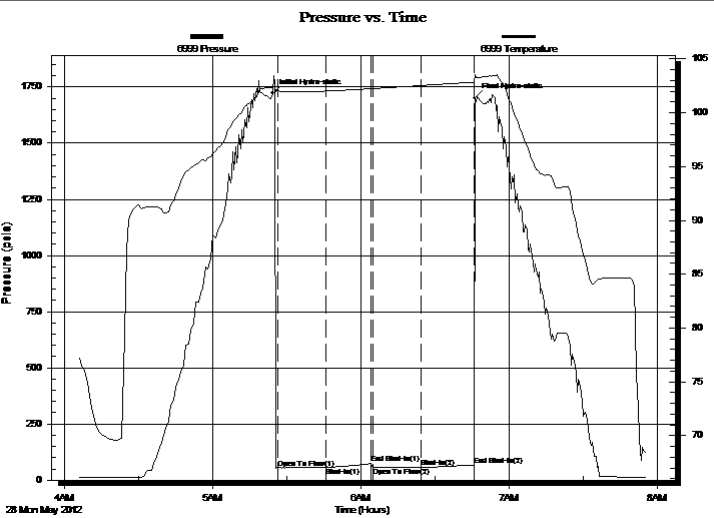
Reference Elevations: 1973.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6999 Outside

Press @ RunDepth: 67.88 psia @ 3459.00 ft (KB)
 Start Date: 2012.05.28 End Date: 2012.05.28
 Start Time: 04:05:00 End Time: 07:55:30

Capacity: 5000.00 psia
 Last Calib.: 2012.05.28
 Time On Btm: 2012.05.28 @ 05:24:00
 Time Off Btm: 2012.05.28 @ 06:46:00

TEST COMMENT: 1ST Open 20 Minutes/Weak blow /Blow built to 1/4 inch in bucket/Blow died in 18 minutes
 1ST Shut In 20 Minutes/No blow back
 2ND Open 20 Minutes/No blow
 2ND Shut In 20 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1722.12	102.37	Initial Hydro-static
2	54.60	102.03	Open To Flow (1)
22	55.86	102.02	Shut-In(1)
40	73.70	102.25	End Shut-In(1)
41	55.73	102.25	Open To Flow (2)
60	56.62	102.54	Shut-In(2)
82	67.88	102.85	End Shut-In(2)
82	1701.26	103.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17644 **DST#: 3**
 Test Start: 2012.05.28 @ 04:05:00

Tool Information

Drill Pipe:	Length: 3410.00 ft	Diameter: 3.88 inches	Volume: 49.87 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: 49.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3411.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	78.00 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			3389.00	
Hydraulic Tool	5.00			3394.00	
Jars	5.00			3399.00	
Safety Joint	2.00			3401.00	
Packer	5.00			3406.00	27.00 Bottom Of Top Packer
Packer	5.00			3411.00	
Anchor	46.00			3457.00	
Recorder	1.00	6749	Inside	3458.00	
Recorder	1.00	6999	Outside	3459.00	
Bullnose	3.00			3462.00	51.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
2135 2ND Road
Holyrood, Kansas 67450+9021
ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
Job Ticket: 17644 **DST#: 3**
Test Start: 2012.05.28 @ 04:05:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	11.19 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud 100%	0.073

Total Length: 5.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

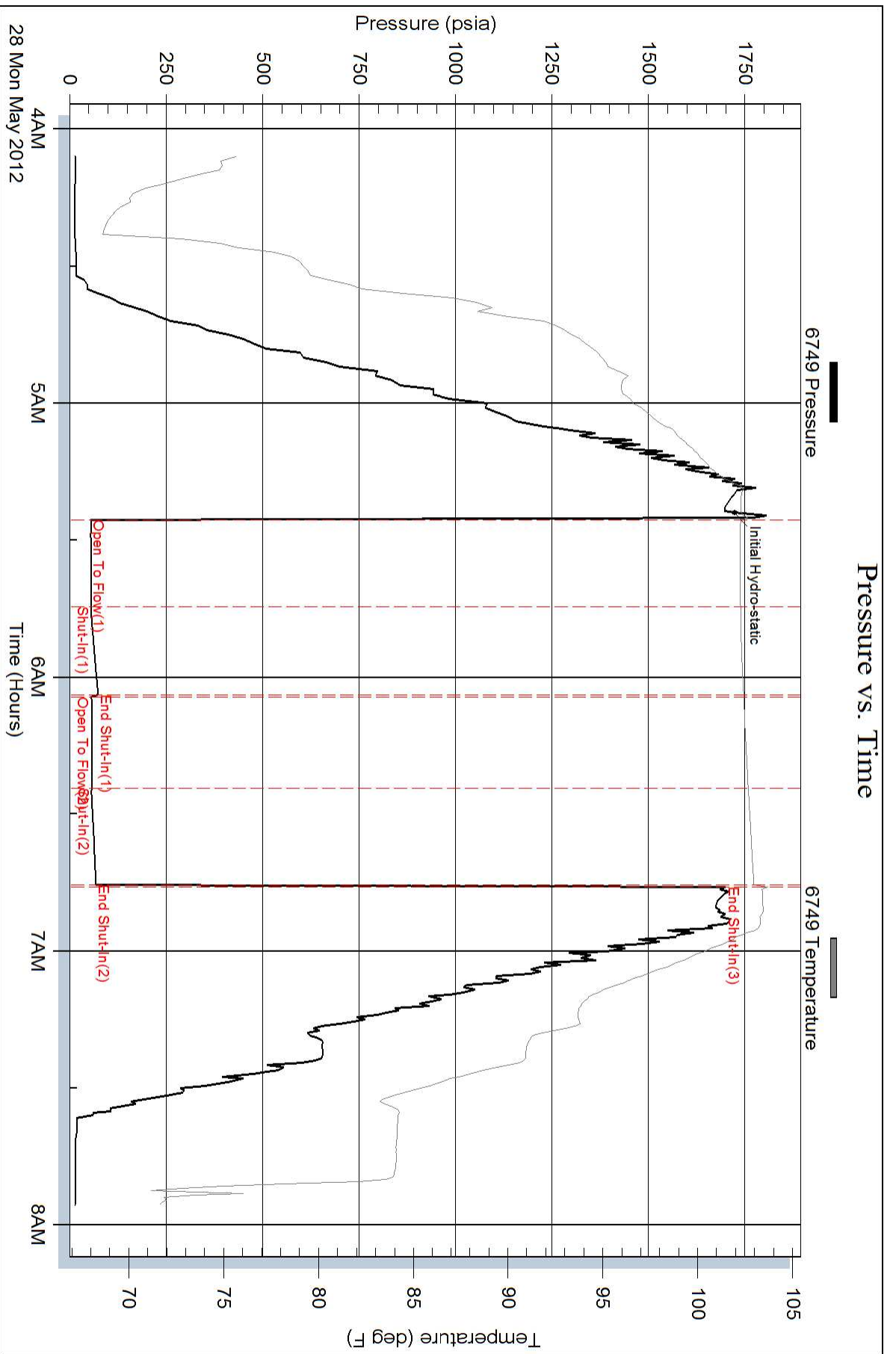
Num Gas Bombs: 0

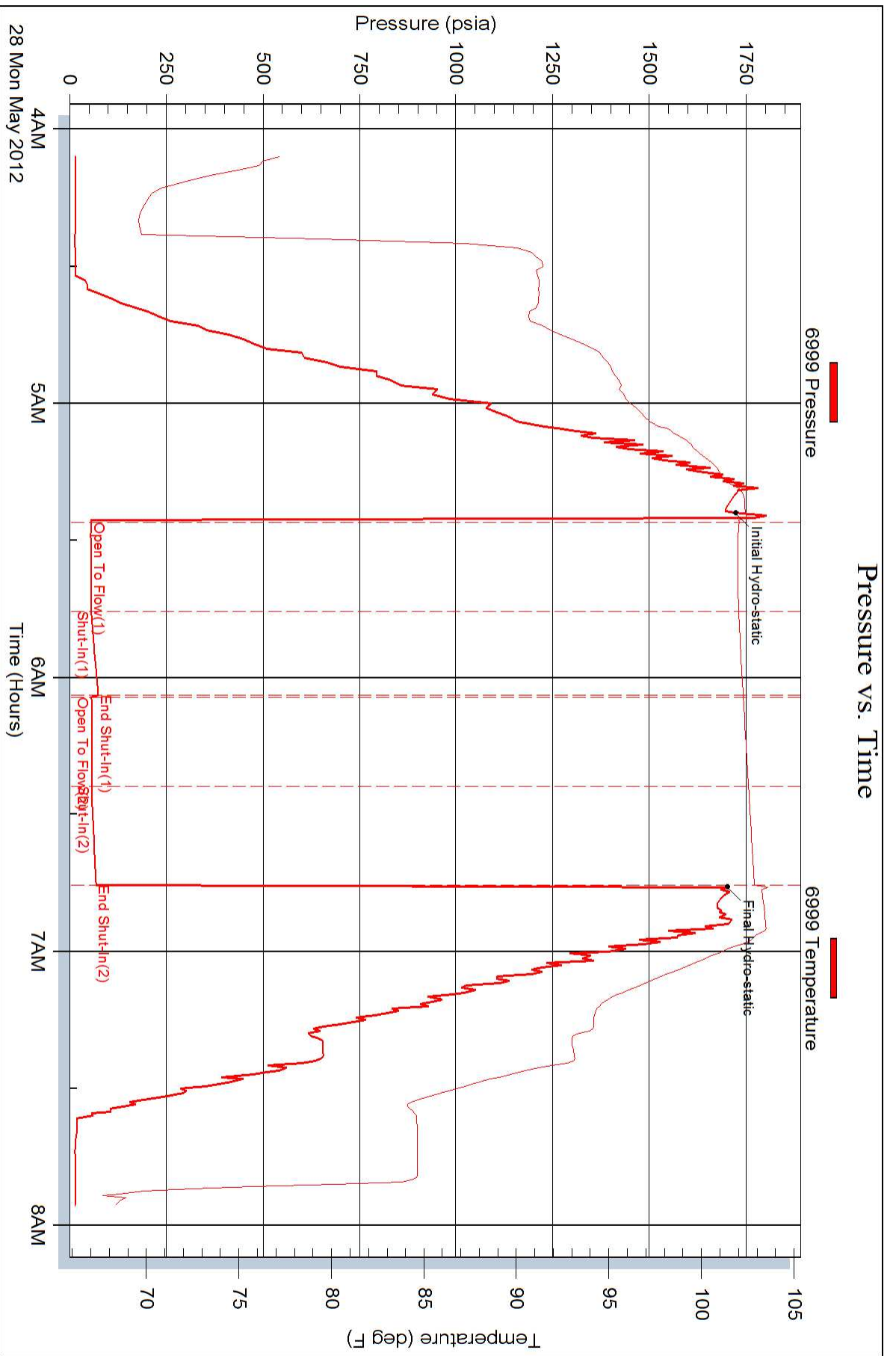
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Holyrood, Kansas 67450+9021

ATTN: Steven Peterson

Kingston #4

34/16S/14W/Barton

Start Date: 2012.05.28 @ 22:41:00

End Date: 2012.05.29 @ 05:06:30

Job Ticket #: 17645 DST #: 4

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

Printed: 2012.05.29 @ 05:28:22



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

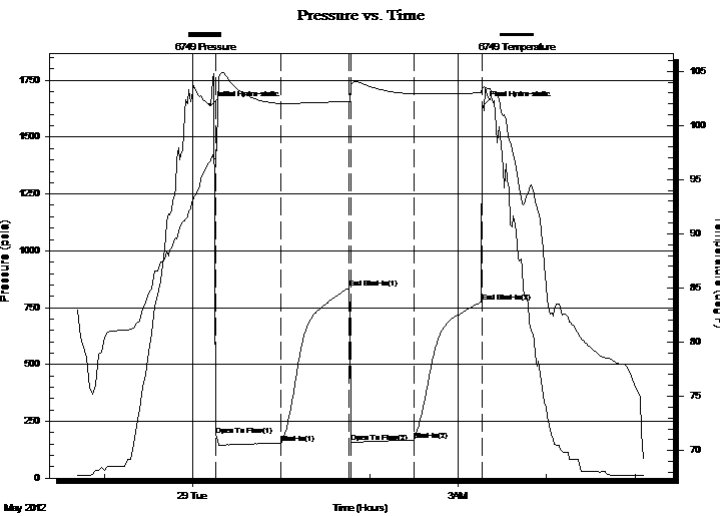
34/16S/14W/Barton
Kingston #4
 Job Ticket: 17645 **DST#: 4**
 Test Start: 2012.05.28 @ 22:41:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:15:30
 Time Test Ended: 05:06:30
 Interval: **3338.00 ft (KB) To 3403.00 ft (KB) (TVD)**
 Total Depth: 3550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/45
 Reference Elevations: 1973.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Outside
 Press @ RunDepth: 167.37 psia @ 3403.13 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.05.28 End Date: 2012.05.29 Last Calib.: 2012.05.29
 Start Time: 22:41:00 End Time: 05:06:30 Time On Btm: 2012.05.29 @ 00:12:00
 Time Off Btm: 2012.05.29 @ 03:17:00

TEST COMMENT: 1ST Open 45 Minutes/Strong blow /Blow to bottom of bucket in 1 minute 20 seconds
 1ST Shut In 45 Minutes/No blow back
 2ND Open 45 Minutes/Good blow /Blow to bottom of bucket in 24 minutes
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1640.15	96.74	Initial Hydro-static
4	188.07	96.79	Open To Flow (1)
48	153.56	102.01	Shut-In(1)
94	835.93	102.25	End Shut-In(1)
96	156.97	103.81	Open To Flow (2)
138	167.37	102.90	Shut-In(2)
184	775.13	103.00	End Shut-In(2)
185	1636.93	103.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	195 feet gas in pipe	0.00
225.00	Oil cut Gassy Mud	2.71
0.00	Oil 10% Gas 30% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17645 **DST#: 4**
 Test Start: 2012.05.28 @ 22:41:00

Tool Information

Drill Pipe:	Length: 3259.00 ft	Diameter: 3.88 inches	Volume: 47.66 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 47.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3338.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3403.13 ft			
Interval between Packers:	65.13 ft			
Tool Length:	244.31 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			3316.00	
Hydraulic Tool	5.00			3321.00	
Jars	5.00			3326.00	
Safety Joint	2.00			3328.00	
Packer	5.00			3333.00	27.00 Bottom Of Top Packer
Packer	5.00			3338.00	
Perforations	6.00			3344.00	
Change Over Sub	0.70			3344.70	
Drill Pipe	29.63			3374.33	
Change Over Sub	0.70			3375.03	
Anchor	26.10			3401.13	
Recorder	1.00	6651	Inside	3402.13	
Recorder	1.00	6749	Outside	3403.13	65.13 Tool Interval
Packer	5.00			3408.13	
Change Over Sub	0.65			3408.78	
Drill Pipe	125.18			3533.96	
Change Over Sub	0.65			3534.61	
Perforations	16.00			3550.61	
Recorder	1.70	6999		3552.31	
Bullnose	3.00			3555.31	152.18 Bottom Packers & Anchor

Total Tool Length: 244.31



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
 2135 2ND Road
 Holyrood, Kansas 67450+9021
 ATTN: Steven Peterson

34/16S/14W/Barton
Kingston #4
 Job Ticket: 17645 **DST#: 4**
 Test Start: 2012.05.28 @ 22:41:00

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

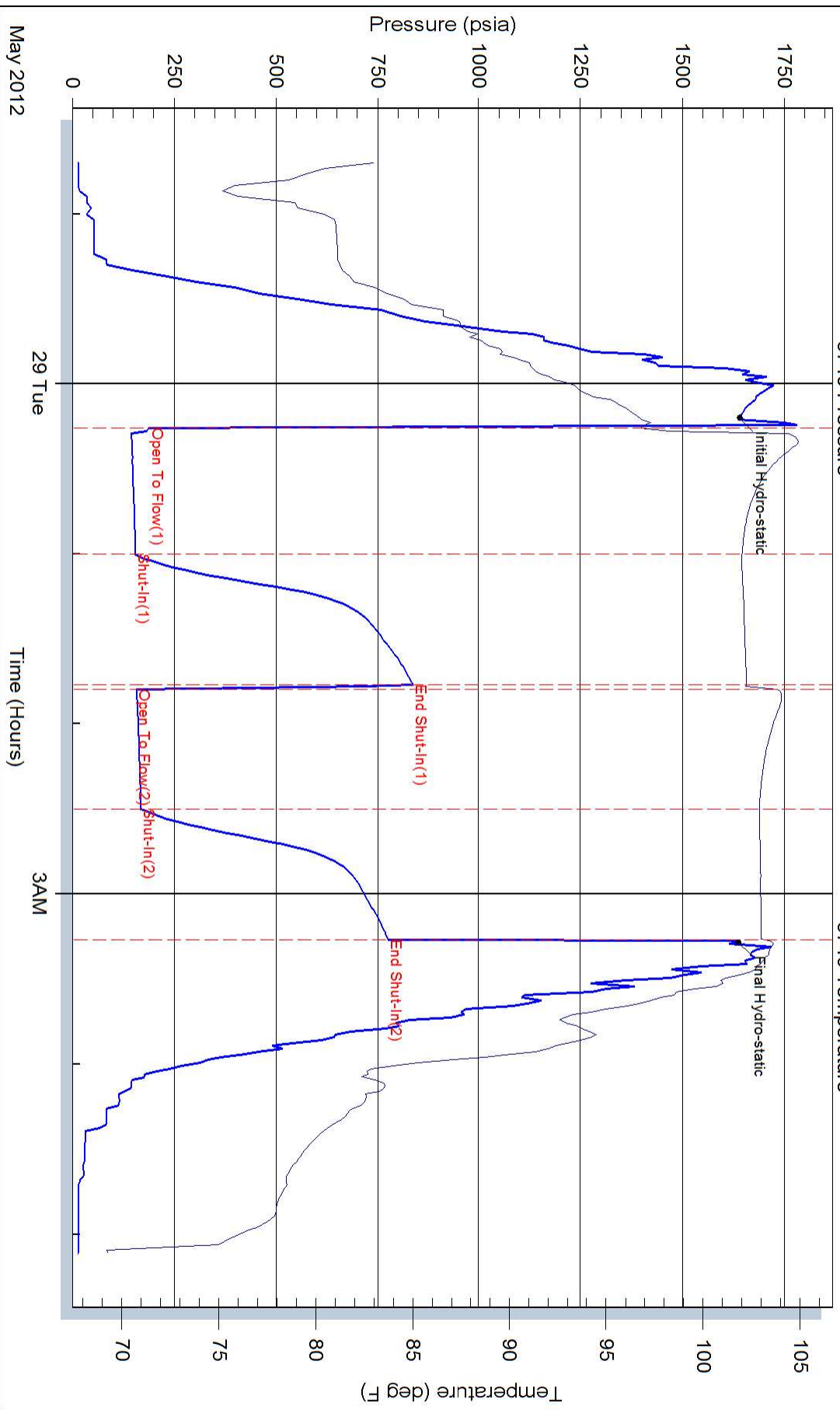
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	195 feet gas in pipe	0.000
225.00	Oil cut Gassy Mud	2.708
0.00	Oil 10% Gas 30% Mud	0.000

Total Length: 225.00 ft Total Volume: 2.708 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Pressure vs. Time

