



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: _____



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
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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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	LB Exploration, Inc.
Well Name	Kingston 3
Doc ID	1080929

All Electric Logs Run

Spectral Gamma Ray
Compensated Neutron Density
Dual Induction
Microresistivity
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. 5494

Date 4-18-12		Sec. 34	Twp. 16	Range 14	County Barton	State KS	On Location	Finish 6:30 AM
Lease Kingston		Well No. 3		Location 281 + Galatia Blktop, 25, 1/2 W				
Contractor Royal #2				Owner M/Ints				
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. 445'		Charge To LB Exploration					
Csg. 8 5/8"	Depth 445'		Street					
Tbg. Size	Depth		City					
Tool	Depth		State					
Cement Left in Csg. 15'	Shoe Joint 15'		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	Displace 27 1/4 BLS		Cement Amount Ordered 225 sx Common 3% CC					
EQUIPMENT								
Pumptrk 9	No.	Cement Helper Matt	Common 225					
Bulktrk 3	No.	Driver Lonnie	Poz. Mix					
Bulktrk p.u.	No.	Driver Rick	Gel. 9					
JOB SERVICES & REMARKS								
Remarks Cement did Circulate.		Hulls						
Rat Hole		Salt						
Mouse Hole		Flowseal 56#						
Centralizers		Kol-Seal						
Baskets		Mud CLR 48						
D/V or Port Collar		CFL-117 or CD110 CAF 38						
		Sand						
		Handling 237						
		Mileage						
FLOAT EQUIPMENT								
		Guide Shoe						
		Centralizer						
		Baskets 1						
		AFU Inserts						
		Float Shoe						
		Latch Down						
		1- wooden plugs						
		Pumptrk Charge Surface						
		Mileage 22						
X Signature Doug Budig Doug Budig		Tax						
		Discount						
		Total Charge						

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. 494

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-23-12	34	16	14	Barton	Kansas		8:30 AM
Lease	Well No.		Location				
Ringshan	3		Hwy 251 9170th Rd #101				
Contractor				Owner			
Rapid Drilling RSR				To Quality Oilwell Cementing, Inc.			
Type Job				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
2 Stage - Bottom							
Hole Size		T.D.		Charge To			
7 7/8		3570		LB Exploration			
Csg.		Depth		Street			
5 1/2 14 1/4		3563					
Tbg. Size		Depth		City			
				State			
Tool D.V.		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
#62		986					
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered			
42.40		42.40		150 Pro C 102 Salt 1/4 fl			
Meas Line		Displace		50 Gilsonite 500 gal Mud Clear - 48 50 Bbl RC			
		86 Bbl					

EQUIPMENT

Pumptrk	No.	Cementor		Common
5		Helper	Steve	150
Bulktrk	No.	Driver	Brad	Poz. Mix
14		Driver	Craig	Gel.
Bulktrk	No.	Driver		
		Driver		

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Halls KCL 5
Mouse Hole	Salt 14
Centralizers	Flowseal 37#
1, 6, 7, 8, 9	Kol-Seal 750
Baskets	Mud CLR 48 500 gal
60 & 62	CFL-117 or CD110 CAF 98
D/V or Port Collar	Sand
#62 986	Handling 172
	Mileage

Land plug @ 6000 psi

Float Held

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	5 Tubes 1 Regular
Baskets	2
AFU Inserts	
Float Shoe	1
Latch Down	
D.V. Tool	wd latch down plug
Pumptrk Charge	prod long string
Mileage	22

Handwritten signature

X Signature *Handwritten signature*

Tax
Discount
Total Charge

~~Top~~ Bottom
Stage

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. 495

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-23-12	34	16	14	Barton	Kansas		9:15 PM
Lease <i>Riverton</i>	Well No. <i>3</i>		Location <i>Hwy 281 & 170th Rd #62</i>				
Contractor <i>Royal Drilling Rig 2</i>				Owner 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.			
Type Job <i>2 Stage - Top</i>				Charge To <i>LB Exploration</i>			
Hole Size <i>7 7/8</i>	T.D. <i>3570</i>		Street				
Csg. <i>5 1/2 14lb</i>	Depth <i>3563</i>		City				
Tbg. Size	Depth		State				
Tool <i>D.V. #62</i>	Depth <i>986</i>		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.	Shoe Joint		Cement Amount Ordered <i>190 Q-MDC 4lb Flt Seal pk</i>				
Meas Line	Displace <i>24 Bbl</i>						
EQUIPMENT							
Pumptrk <i>5</i>	No.	Cement Helper <i>Steve</i>	Common <i>190</i>				
Bulktrk <i>12</i>	No.	Driver <i>Brad</i>	Poz. Mix				
Bulktrk	No.	Driver <i>Dave</i>	Gel.				
JOB SERVICES & REMARKS							
Remarks:			Calcium				
Rat Hole <i>30</i>			Hulls				
Mouse Hole <i>20</i>			Salt				
Centralizers			Flowseal <i>47A</i>				
Baskets			Kol-Seal				
D/V or Port Collar <i>#62 @ 986</i>			Mud CLR 48				
<i>30 x Rat Hole</i>			CFL-117 or CD110 CAF 38				
<i>20 x Mouse Hole</i>			Sand				
			Handling <i>190</i>				
			Mileage				
FLOAT EQUIPMENT							
			Guide Shoe				
			Centralizer				
			Baskets				
			AFU Inserts				
			Float Shoe				
			Latch Down				
			Pumptrk Charge <i>prod Long String</i>				
			Mileage <i>22</i>				
			Tax				
			Discount				
			Total Charge				
Signature <i>[Signature]</i>							

TOP
~~*Bottom*~~
stage



DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Hollyrood, Kansas 67450+9021

ATTN: Jim Musgrove

Kingston #3

34/16S/14W

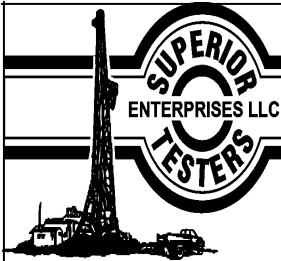
Start Date: 2012.04.21 @ 14:00:00

End Date: 2012.04.21 @ 18:32:30

Job Ticket #: 17633 DST #: 1

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

Printed: 2012.04.21 @ 18:51:25



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

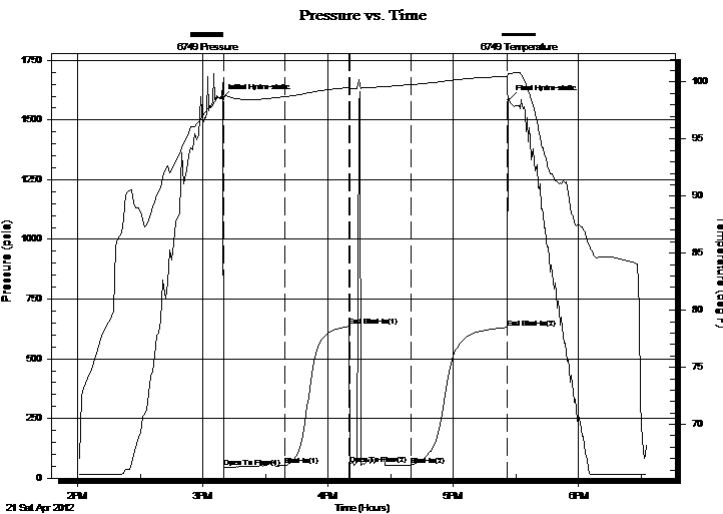
34/16S/14W
Kingston #3
 Job Ticket: 17633 **DST#: 1**
 Test Start: 2012.04.21 @ 14:00:00

GENERAL INFORMATION:

Formation: **Lansingj/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:10:00
 Time Test Ended: 18:32:30
 Interval: **3199.00 ft (KB) To 3240.00 ft (KB) (TVD)**
 Total Depth: 3230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Inside
 Press @ RunDepth: 55.12 psia @ 3236.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.21 End Date: 2012.04.21 Last Calib.: 2012.04.21
 Start Time: 14:00:00 End Time: 18:32:30 Time On Btm: 2012.04.21 @ 15:09:00
 Time Off Btm: 2012.04.21 @ 17:26:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch then died back to 1/2 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1590.91	98.53	Initial Hydro-static
1	44.80	98.46	Open To Flow (1)
31	53.18	98.72	Shut-In(1)
61	635.58	99.52	End Shut-In(1)
62	57.95	99.23	Open To Flow (2)
91	55.12	99.78	Shut-In(2)
137	630.84	100.50	End Shut-In(2)
138	1583.67	100.73	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Mud w ith show of oil in tool/ Mud 100%	0.44

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



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

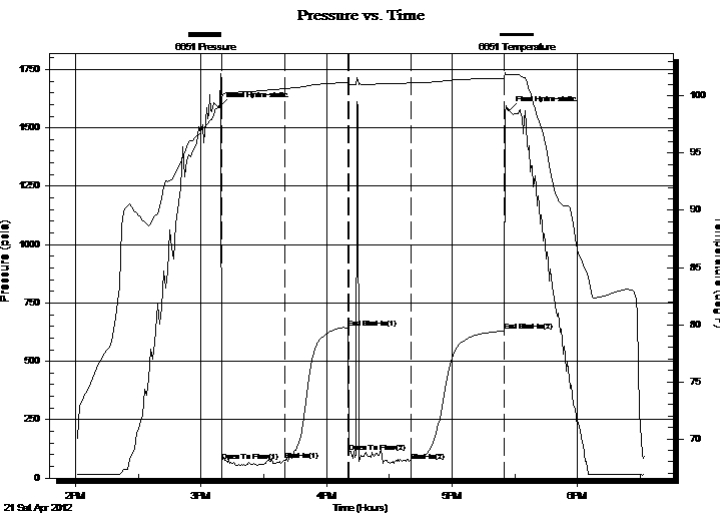
34/16S/14W
Kingston #3
 Job Ticket: 17633 **DST#: 1**
 Test Start: 2012.04.21 @ 14:00:00

GENERAL INFORMATION:

Formation: **Lansingj/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:10:00
 Time Test Ended: 18:32:30
 Interval: **3199.00 ft (KB) To 3240.00 ft (KB) (TVD)**
 Total Depth: 3230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6651 Outside
 Press @ RunDepth: 630.79 psia @ 3237.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.21 End Date: 2012.04.21 Last Calib.: 2012.04.21
 Start Time: 14:00:00 End Time: 18:32:00 Time On Btm: 2012.04.21 @ 15:09:00
 Time Off Btm: 2012.04.21 @ 17:27:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch then died back to 1/2 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1591.12	99.16	Initial Hydro-static
1	70.75	99.79	Open To Flow (1)
31	76.04	100.65	Shut-In(1)
61	641.56	101.18	End Shut-In(1)
62	109.59	100.98	Open To Flow (2)
92	72.57	101.14	Shut-In(2)
136	630.79	101.56	End Shut-In(2)
138	1574.48	101.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud w ith show of oil in tool/ Mud 100%	0.44

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

34/16S/14W
Kingston #3
 Job Ticket: 17633 **DST#: 1**
 Test Start: 2012.04.21 @ 14:00:00

Tool Information

Drill Pipe:	Length: 3206.00 ft	Diameter: 3.88 inches	Volume: 46.89 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: 46.89 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3199.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 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			3184.00	
Hydraulic Tool	5.00			3189.00	
Packer	5.00			3194.00	20.00 Bottom Of Top Packer
Packer	5.00			3199.00	
Anchor	36.00			3235.00	
Recorder	1.00	6749	Inside	3236.00	
Recorder	1.00	6651	Outside	3237.00	
Bullnose	3.00			3240.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
2135 2ND Road
Hollyrood, Kansas 67450+9021
ATTN: Jim Musgrove

34/16S/14W
Kingston #3
Job Ticket: 17633 **DST#: 1**
Test Start: 2012.04.21 @ 14:00:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 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
30.00	Mud with show of oil in tool/ Mud 100%	0.439

Total Length: 30.00 ft Total Volume: 0.439 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

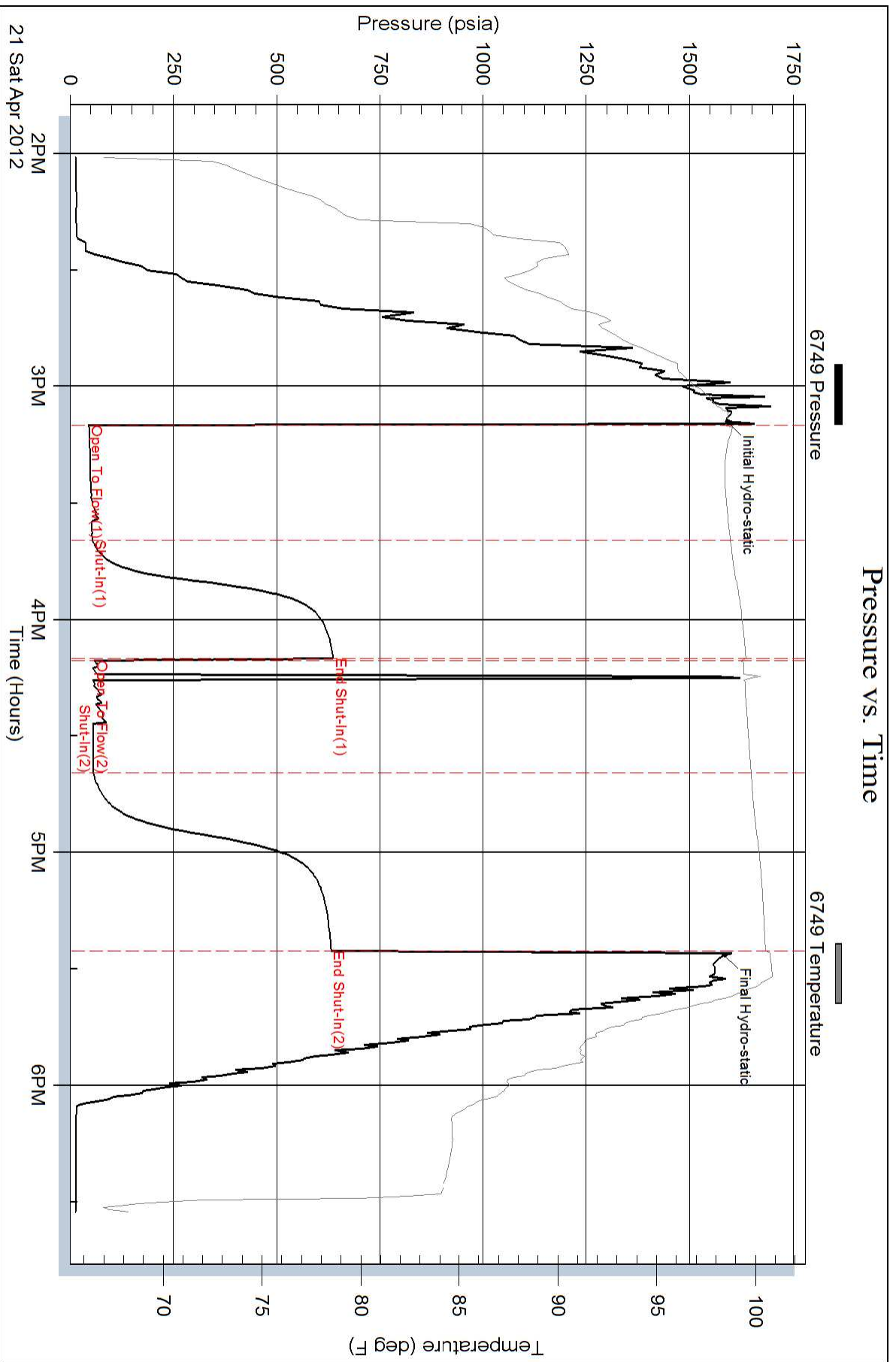
Serial #:

Laboratory Name:

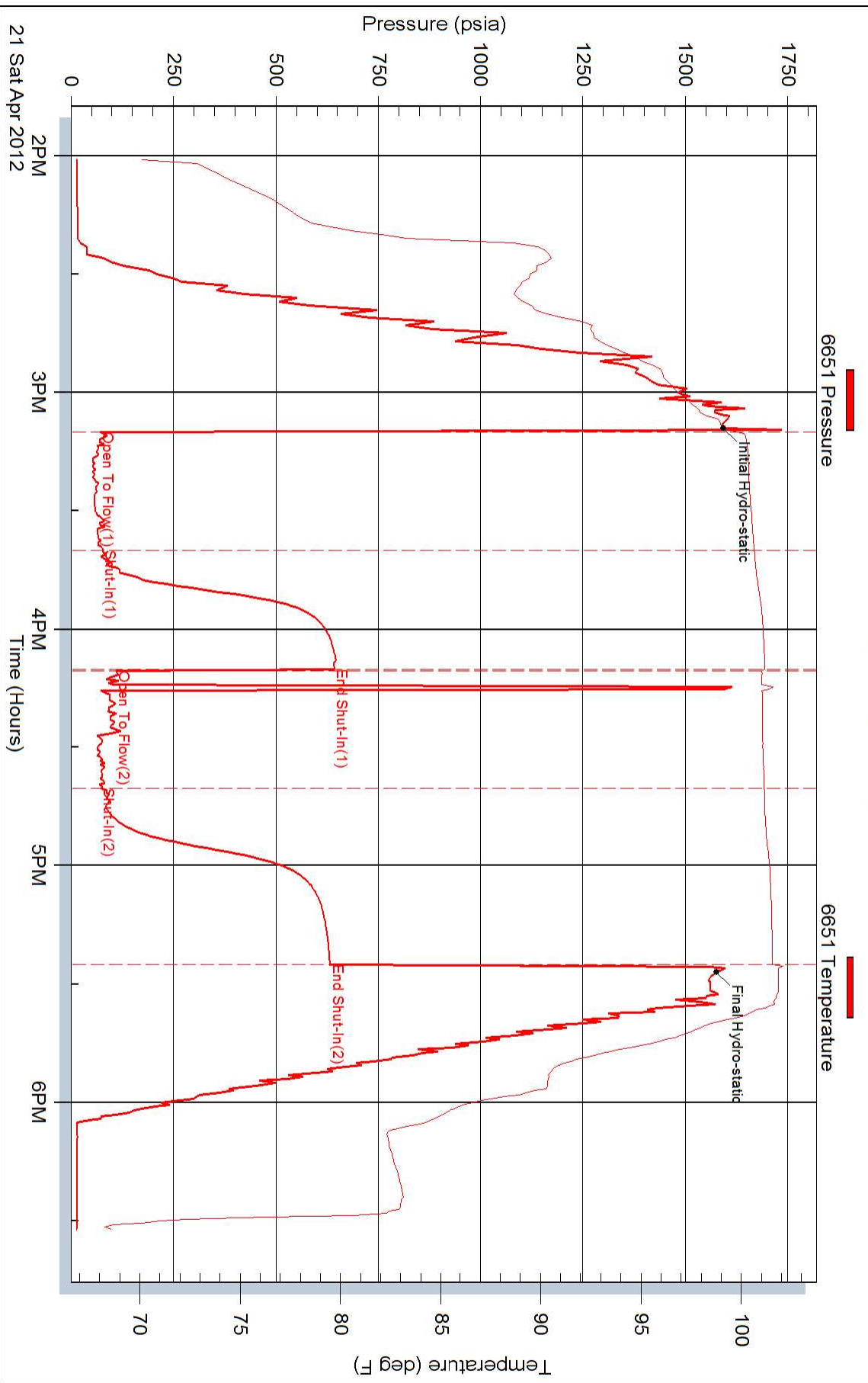
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Hollyrood, Kansas 67450+9021

ATTN: Jim Musgrove

Kingston #3

34/16S/14W

Start Date: 2012.04.22 @ 01:19:00

End Date: 2012.04.22 @ 07:16:30

Job Ticket #: 17634 DST #: 2

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

Printed: 2012.04.22 @ 07:43:46



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

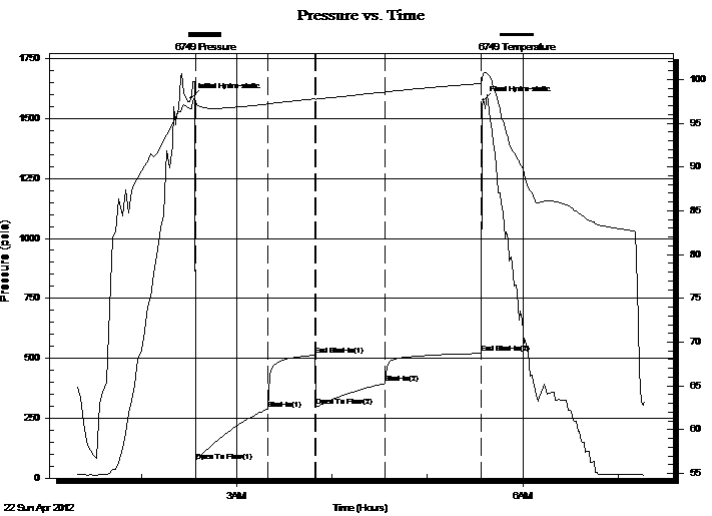
34/16S/14W
Kingston #3
 Job Ticket: 17634 **DST#: 2**
 Test Start: 2012.04.22 @ 01:19:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:34:30
 Time Test Ended: 07:16:30
 Interval: **3251.00 ft (KB) To 3290.00 ft (KB) (TVD)**
 Total Depth: 3290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Inside
 Press @ RunDepth: 395.40 psia @ 3286.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.22 End Date: 2012.04.22 Last Calib.: 2012.04.22
 Start Time: 01:19:00 End Time: 07:16:30 Time On Btm: 2012.04.22 @ 02:31:30
 Time Off Btm: 2012.04.22 @ 05:35:00

TEST COMMENT: 1ST Open 45 Minutes/Good blow/Blow to bottom of bucket in 3 1/2 minutes
 1ST Shut In 30 Minutes/Blow back built to 3/4 inch
 2ND Open 45 Minutes/Good blow/Blow to bottom of bucket in 9 1/2 minutes
 2ND Shut In 60 Minutes/Blow back built to 4 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1587.23	96.65	Initial Hydro-static
3	71.37	97.29	Open To Flow (1)
49	289.22	97.17	Shut-In(1)
78	512.83	97.78	End Shut-In(1)
78	298.77	97.69	Open To Flow (2)
123	395.40	98.56	Shut-In(2)
183	520.42	99.53	End Shut-In(2)
184	1576.39	100.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	180 feet gas in pipe	0.00
10.00	Gassy Oil/ Gas 10% Oil 90%	0.15
770.00	Slightly gassy oil cut muddy w water	11.26
0.00	Gas 5% Oil 5% Mud 25% Water 65%	0.00
0.00	Recovery Chlorides 81000 ppm	0.00

Gas Rates

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



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

34/16S/14W
Kingston #3
 Job Ticket: 17634 **DST#: 2**
 Test Start: 2012.04.22 @ 01:19:00

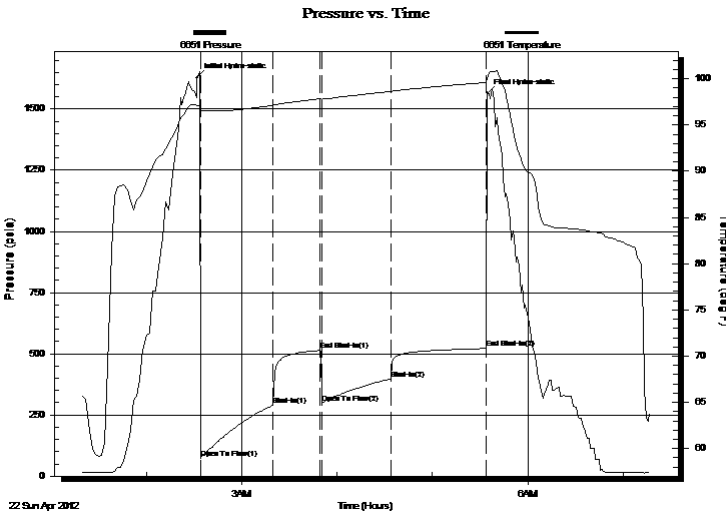
GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
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 Tester: Ken Swinney
 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6651 Outside
 Press @ RunDepth: 521.48 psia @ 3287.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.22 End Date: 2012.04.22 Last Calib.: 2012.04.22
 Start Time: 01:19:00 End Time: 07:16:30 Time On Btm: 2012.04.22 @ 02:32:00
 Time Off Btm: 2012.04.22 @ 05:34:30

TEST COMMENT: 1ST Open 45 Minutes/Good blow/Blow to bottom of bucket in 3 1/2 minutes
 1ST Shut In 30 Minutes/Blow back built to 3/4 inch
 2ND Open 45 Minutes/Good blow/Blow to bottom of bucket in 9 1/2 minutes
 2ND Shut In 60 Minutes/Blow back built to 4 inches

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1627.09	97.12	Initial Hydro-static
3	73.95	96.51	Open To Flow (1)
48	289.40	97.13	Shut-In(1)
77	513.68	97.83	End Shut-In(1)
79	299.25	97.80	Open To Flow (2)
122	397.11	98.63	Shut-In(2)
182	521.48	99.60	End Shut-In(2)
183	1564.41	100.08	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
0.00	180 feet gas in pipe	0.00
10.00	Gassy Oil/ Gas 10% Oil 90%	0.15
770.00	Slightly gassy oil cut muddy w water	11.26
0.00	Gas 5% Oil 5% Mud 25% Water 65%	0.00
0.00	Recovery Chlorides 81000 ppm	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 ATTN: Jim Musgrove

34/16S/14W
Kingston #3
 Job Ticket: 17634 **DST#: 2**
 Test Start: 2012.04.22 @ 01:19:00

Tool Information

Drill Pipe:	Length: 3238.00 ft	Diameter: 3.88 inches	Volume: 47.35 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: 54000.00 lb
			<u>Total Volume: 47.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3251.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	59.00 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			3236.00	
Hydraulic Tool	5.00			3241.00	
Packer	5.00			3246.00	20.00 Bottom Of Top Packer
Packer	5.00			3251.00	
Anchor	34.00			3285.00	
Recorder	1.00	6749	Inside	3286.00	
Recorder	1.00	6651	Outside	3287.00	
Bullnose	3.00			3290.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
 A T T N : Jim Musgrove

34/16S/14W
Kingston #3
 Job Ticket: 17634 **DST#: 2**
 Test Start: 2012.04.22 @ 01:19:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 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	180 feet gas in pipe	0.000
10.00	Gassy Oil/ Gas 10% Oil 90%	0.146
770.00	Slightly gassy oil cut muddy water	11.261
0.00	Gas 5% Oil 5% Mud 25% Water 65%	0.000
0.00	Recovery Chlorides 81000 ppm	0.000

Total Length: 780.00 ft Total Volume: 11.407 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

