



KANSAS CORPORATION COMMISSION 1074456  
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 # 33186  
Name: LB Exploration, Inc.  
Address 1: 2135 2ND RD  
Address 2: \_\_\_\_\_  
City: HOLYROOD State: KS Zip: 67450 + 9021  
Contact Person: Michael Petermann  
Phone: ( 785 ) 252-8034  
CONTRACTOR: License # 34484  
Name: Fossil Drilling, Inc.  
Wellsite Geologist: Scott Alberg  
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 #: \_\_\_\_\_

<u>3/30/2011</u>	<u>4/11/2011</u>	<u>5/11/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23676-00-00  
Spot Description: \_\_\_\_\_  
SW SW NE SE Sec. 14 Twp. 32 S. R. 15  East  West  
1395 Feet from  North /  South Line of Section  
1195 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Barber  
Lease Name: Larkin 14 Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: Viola  
Elevation: Ground: 1992 Kelly Bushing: 2000  
Total Depth: 5094 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 227 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: 86000 ppm Fluid volume: 560 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: Bemco, LLC  
Lease Name: Mac License #: 32613  
Quarter NW Sec. 7 Twp. 32 S. R. 11  East  West  
County: Barber Permit #: D21045

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: Deanna Gerrard Date: 02/24/2012



1074456

Operator Name: LB Exploration, Inc. Lease Name: Larkin 14 Well #: 1  
 Sec. 14 Twp. 32 S. R. 15  East  West County: Barber

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>3604</td> <td>-1604</td> </tr> <tr> <td>Heebner</td> <td>4068</td> <td>-2068</td> </tr> <tr> <td>BKC</td> <td>4667</td> <td>-2667</td> </tr> <tr> <td>Marmaton</td> <td>4676</td> <td>-2676</td> </tr> <tr> <td>Mississippi</td> <td>4704</td> <td>-2704</td> </tr> <tr> <td>Viola</td> <td>4954</td> <td>-2954</td> </tr> <tr> <td>Simpson</td> <td>5040</td> <td>-3040</td> </tr> </table>	Name	Top	Datum	Topeka	3604	-1604	Heebner	4068	-2068	BKC	4667	-2667	Marmaton	4676	-2676	Mississippi	4704	-2704	Viola	4954	-2954	Simpson	5040	-3040
Name	Top	Datum																							
Topeka	3604	-1604																							
Heebner	4068	-2068																							
BKC	4667	-2667																							
Marmaton	4676	-2676																							
Mississippi	4704	-2704																							
Viola	4954	-2954																							
Simpson	5040	-3040																							

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	227	60/40 poz	175	2% gel, 3% CC
Production	7.875	5.5	14	5080	AA2	150	5% salt, 5# gilsonite

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 (Amount and Kind of Material Used)	Depth
4	4978-81	250 gal 15% MCA	4978-81
	CIBP @ 4976		
4	4951-56	300 gal 15% MCA	4951-56

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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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> <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	Larkin 14 1
Doc ID	1074456

All Electric Logs Run

Dual Induction
Compensated Porosity
Microresistivity
Borehole Compensated Sonic

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <u>Energy Services, L.P.</u>		Lease No	Date	
Lease <u>141215 14</u>		Well # <u>1</u>	<u>80 - 11</u>	
Field Order # <u>141215</u>	Station <u>141215</u>	Casing <u>1/2</u>	Depth <u>250'</u>	County <u>McPherson</u> State <u>KS</u>
Type Job <u>CAIL</u>		Formation	Legal Description <u>24-22-15</u>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Agg	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min
Volume	Volume	From	To	Pad	Min		10 Min
Max Press	Max Press	From	To	Frac	Avg		15 Min
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <u>J. Kelly</u>	Station Manager <u>D. Scott</u>	Treater <u>A. (L. Kelly)</u>
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Service Units	Driver Names								
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Time	Casing Pressure	Tubing Pressure	Bbls Pumped	Rate	Service Log
7:30 PM					
	50		25	4	

Use Page No. 62432 3/2

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <i>L-12-1311-1-1</i>	Lease No	Date <i>4-15-11</i>
Lease <i>L-12-1311-1-1</i>	Well # <i>1</i>	
Field Order # <i>161</i>	Station <i>L-12-1311-1-1</i>	Casing <i>2 7/8"</i>
	Depth <i>1000</i>	County <i>Pratt</i>
Type Job <i>NW</i>	Formation	Legal Description <i>1/4 Sec 11, T14N, R10E</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth <i>6</i>	Depth	From	To	Pro Pad	Max		5 M.n	
Volume <i>2.7</i>	Volume	From	To	Pad	Min		10 M.n	
Max Press	Max Press	From	To	Frac	Avg		15 M.n	
Well Connection	Annulus Vol	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packers Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>[Signature]</i>	Treater <i>[Signature]</i>
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Service Units <i>27.5</i>									
Driver Names <i>[List]</i>									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
<i>12:20</i>					<i>[Handwritten notes]</i>
<i>15:00</i>					<i>[Handwritten notes]</i>
<i>17:00</i>					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
<i>22:00</i>					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
					<i>[Handwritten notes]</i>
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					<i>[Handwritten notes]</i>



## DRILL STEM TEST REPORT

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

2135 2nd Road Holyrood  
Kansas 67450+9021

ATTN: Scott Alberg

**14/32S/15W Barber**

**Lakin # 14**

Start Date: 2011.04.06 @ 12:14:00

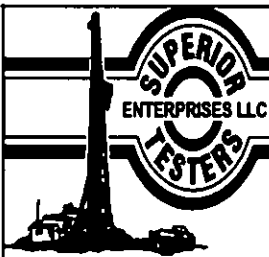
End Date: 2011.04.06 @ 21:35:00

Job Ticket #: 15983                      DST #: 1

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

Printed: 2011.04.06 @ 10:07:03

L B Exploration Inc.  
Lakin # 14  
14/32S/15W Barber  
DST # 1  
Dennis  
2011.04.06



# DRILL STEM TEST REPORT

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

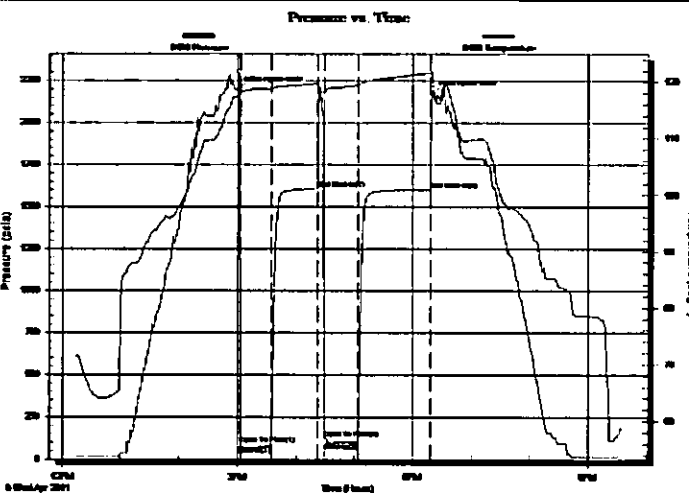
Lakin # 14  
 14/32S/15W Barber  
 Job Ticket: 15983      DST#: 1  
 Test Start: 2011.04.06 @ 12:14:00

## GENERAL INFORMATION:

Formation: **Dennis**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 15:03:30  
 Time Test Ended: 21:35:00  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dylan E Ellis**  
 Unit No: **3345/Pratt/124**  
 Interval: **4530.00 ft (KB) To 4555.00 ft (KB) (TVD)**  
 Reference Elevations: **1979.00 ft (KB)**  
 Total Depth: **4555.00 ft (KB) (TVD)**  
**1971.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **8.00 ft**

Serial #: **8400**      **Outside**  
 Press@RunDepth: **99.55 psia @ 4552.00 ft (KB)**      Capacity: **5000.00 psia**  
 Start Date: **2011.04.06**      End Date: **2011.04.06**      Last Calib.: **2011.04.06**  
 Start Time: **12:14:00**      End Time: **21:35:00**      Time On Btm: **2011.04.06 @ 15:00:30**  
 Time Off Btm: **2011.04.06 @ 18:19:30**

TEST COMMENT: 1ST Opening 30 Minutes very strong blow/blew bottom of bucket instantly/gas to surface in 8 minutes  
 1ST Shut-in 45 Minutes yes blow back  
 2ND Opening 45 Minutes very strong blow/blew bottom of bucket instantly/gauged gas  
 2ND Shut-in 60 Minutes yes blow back



## PRESSURE SUMMARY

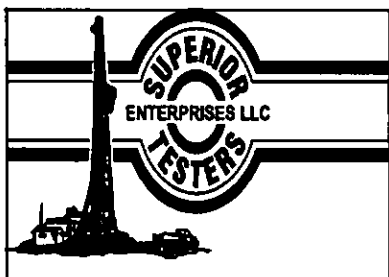
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2194.16	117.44	Initial Hydro-static
3	89.87	117.91	Open To Flow (1)
34	78.37	118.66	Shut-in(1)
82	1606.94	119.71	End Shut-in(1)
89	126.17	118.01	Open To Flow (2)
124	99.55	119.34	Shut-in(2)
198	1604.22	121.61	End Shut-in(2)
199	2168.72	121.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	Slightly Gassy cut Mud	0.74
0.00	5% Gas 95% Mud	0.00

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	1.00	4.60	132.25
Last Gas Rate	1.00	4.92	141.44
Max. Gas Rate	1.00	4.92	141.44



# DRILL STEM TEST REPORT

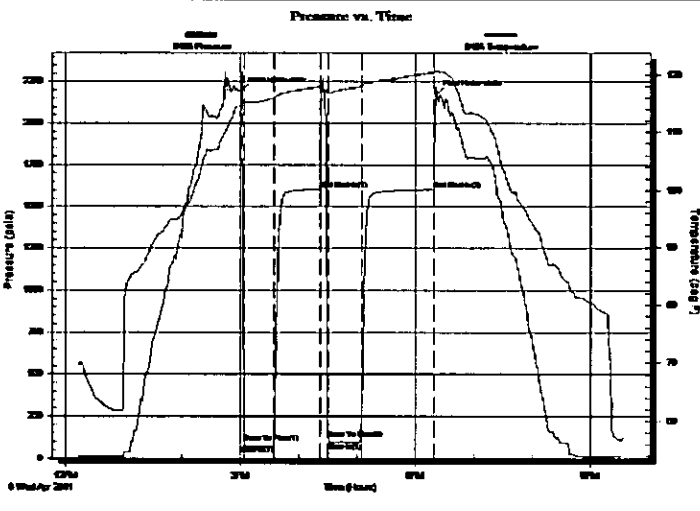
L B Exploration Inc. **Lakin # 14**  
 2135 2nd Road Holyrood **14/32S/15W Barber**  
 Kansas 67450+9021 Job Ticket: 15983 **DST#: 1**  
 ATTN: Scott Alberg Test Start: 2011.04.06 @ 12:14:00

## GENERAL INFORMATION:

Formation: **Dennis**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Initial)**  
 Time Tool Opened: **15:03:30** Tester: **Dylan E Ellis**  
 Time Test Ended: **21:35:00** Unit No: **3345/Pratt/124**  
 Interval: **4530.00 ft (KB) To 4555.00 ft (KB) (TVD)** Reference Elevations: **1979.00 ft (KB)**  
 Total Depth: **4555.00 ft (KB) (TVD)** **1971.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **8.00 ft**

**Serial #: 8405** **Inside**  
 Press@RunDepth: **1603.51 psia @ 4551.00 ft (KB)** Capacity: **5000.00 psia**  
 Start Date: **2011.04.06** End Date: **2011.04.06** Last Calib.: **2011.04.06**  
 Start Time: **12:14:00** End Time: **21:35:00** Time On Btm: **2011.04.06 @ 15:01:30**  
 Time Off Btm: **2011.04.06 @ 18:21:30**

**TEST COMMENT:** 1ST Opening 30 Minutes very strong blow/blew bottom of bucket instantly/gas to surface in 8 minutes  
 1ST Shut-in 45 Minutes yes blow back  
 2ND Opening 45 Minutes very strong blow/blew bottom of bucket instantly/gauged gas  
 2ND Shut-in 60 Minutes yes blow back

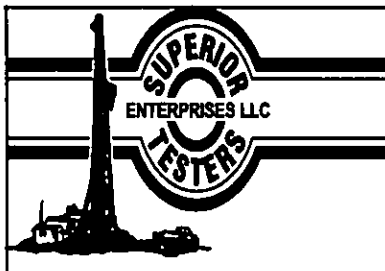


PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2193.96	114.56	Initial Hydro-static
3	95.27	115.19	Open To Flow (1)
33	77.48	115.93	Shut-in(1)
81	1606.32	118.01	End Shut-in(1)
89	121.48	116.84	Open To Flow (2)
123	98.44	118.00	Shut-in(2)
197	1603.51	120.43	End Shut-in(2)
200	2176.42	120.61	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
150.00	Slightly Gassy cut Mud	0.74
0.00	5% Gas 95% Mud	0.00

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	1.00	4.60	132.25
Last Gas Rate	1.00	4.92	141.44
Max. Gas Rate	1.00	4.92	141.44





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15983      **DST#: 1**  
 Test Start: 2011.04.06 @ 12:14:00

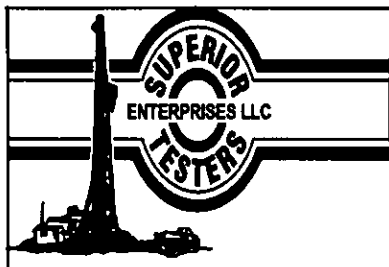
**Tool Information**

Drill Pipe:	Length: 4255.00 ft	Diameter: 3.80 inches	Volume: 59.69 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: 251.18 ft	Diameter: 2.25 inches	Volume: 1.24 bbl	Weight to Pull Loose: 24000.00 lb
			<u>Total Volume: 60.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.18 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4530.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			4507.00	
Hydraulic Tool	5.00			4512.00	
Jars	6.00			4518.00	
Safety Joint	2.00			4520.00	
Packer	5.00			4525.00	28.00      Bottom Of Top Packer
Packer	5.00			4530.00	
Perforations	20.00			4550.00	
Recorder	1.00	8405	Inside	4551.00	
Recorder	1.00	8400	Outside	4552.00	
Bull Plug	3.00			4555.00	25.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>53.00</b>				



**DRILL STEM TEST REPORT** **FLUID SUMMARY**

L B Exploration Inc. 2135 2nd Road Holyrood Kansas 67450+9021 ATTN: Scott Alberg	<b>Lakin # 14</b> <b>14/32S/15W Barber</b> Job Ticket: 15983      DST#: 1 Test Start: 2011.04.06 @ 12:14:00
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**Mud and Cushion Information**

Mud Type: Gel Chem Mud Weight: 10.00 lb/gal Viscosity: 48.00 sec/qt Water Loss: 12.00 in <sup>3</sup> Resistivity: ohm.m Salinity: 6600.00 ppm Filter Cake: 1.00 inches	Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psia	Oil API: deg API Water Salinity: ppm
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**Recovery Information**

Recovery Table

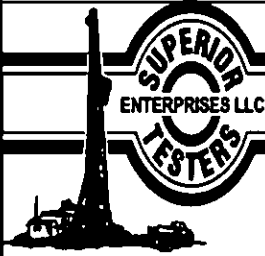
Length ft	Description	Volume bbl
150.00	Slightly Gassy cut Mud	0.738
0.00	5% Gas 95% Mud	0.000

Total Length: 150.00 ft      Total Volume: 0.738 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: On the second open we were all stuck and to pull tool loose and reset it to turn the tool. Tool back spun on us in the table that's way.



# DRILL STEM TEST REPORT

**GAS RATES**

L B Exploration Inc.  
2135 2nd Road Holyrood  
Kansas 67450+9021  
ATTN: Scott Alberg

Lakin # 14  
14/32S/15W Barber  
Job Ticket: 15983      DST#: 1  
Test Start: 2011.04.06 @ 12:14:00

## Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

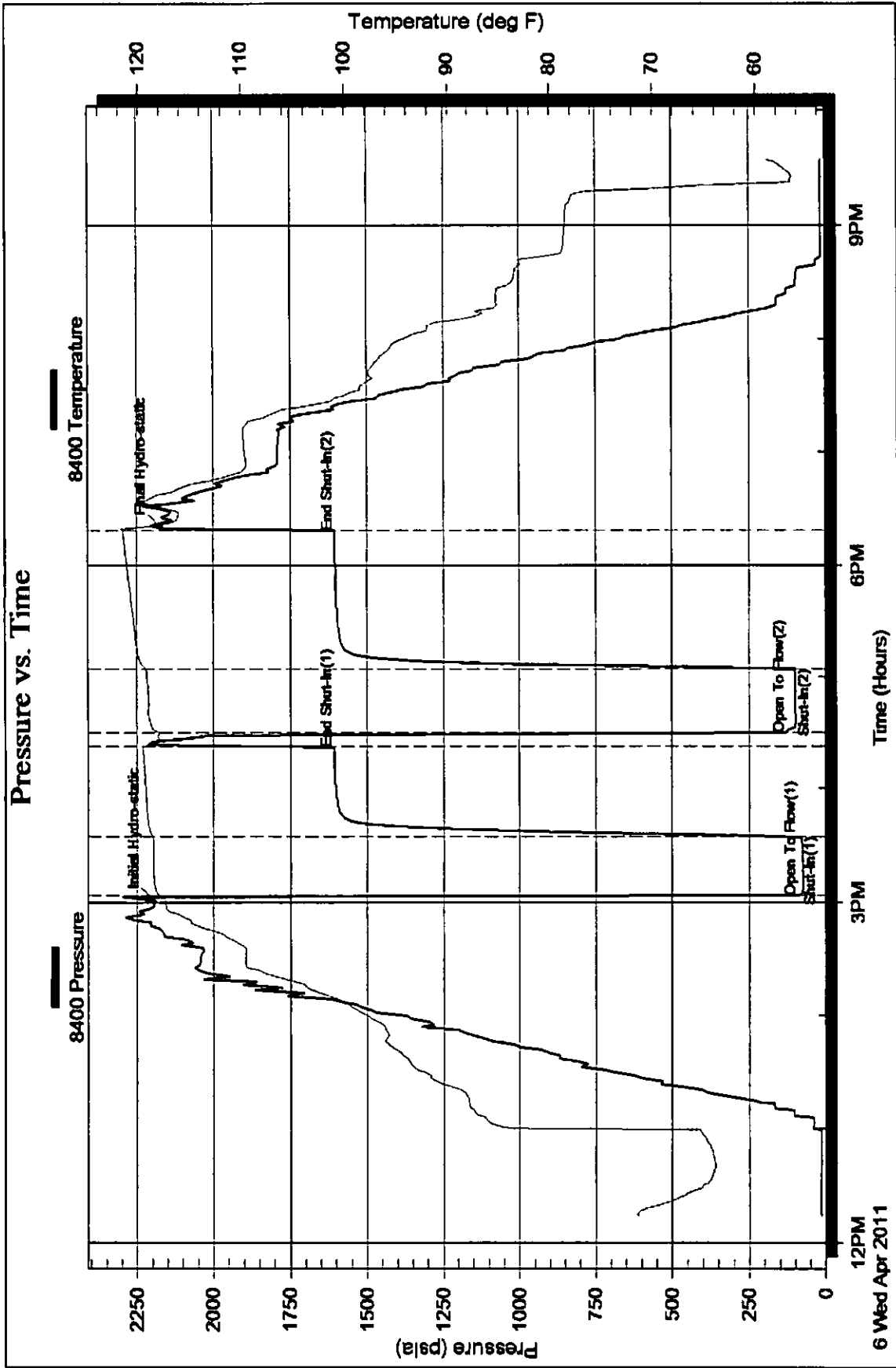
Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	10	1.00	4.60	132.25
2	20	1.00	4.92	141.44
2	30	1.00	4.92	141.44
2	40	1.00	4.92	141.44
2	50	1.00	4.92	141.44

Serial #: 8400

Outside L B Exploration Inc.

1432915W Barber

DST Test Number: 1



Printed: 2011.04.06 @ 10:07:05

Ref. No: 15983

Superior Testers Enterprises LLC

Serial #: 8405

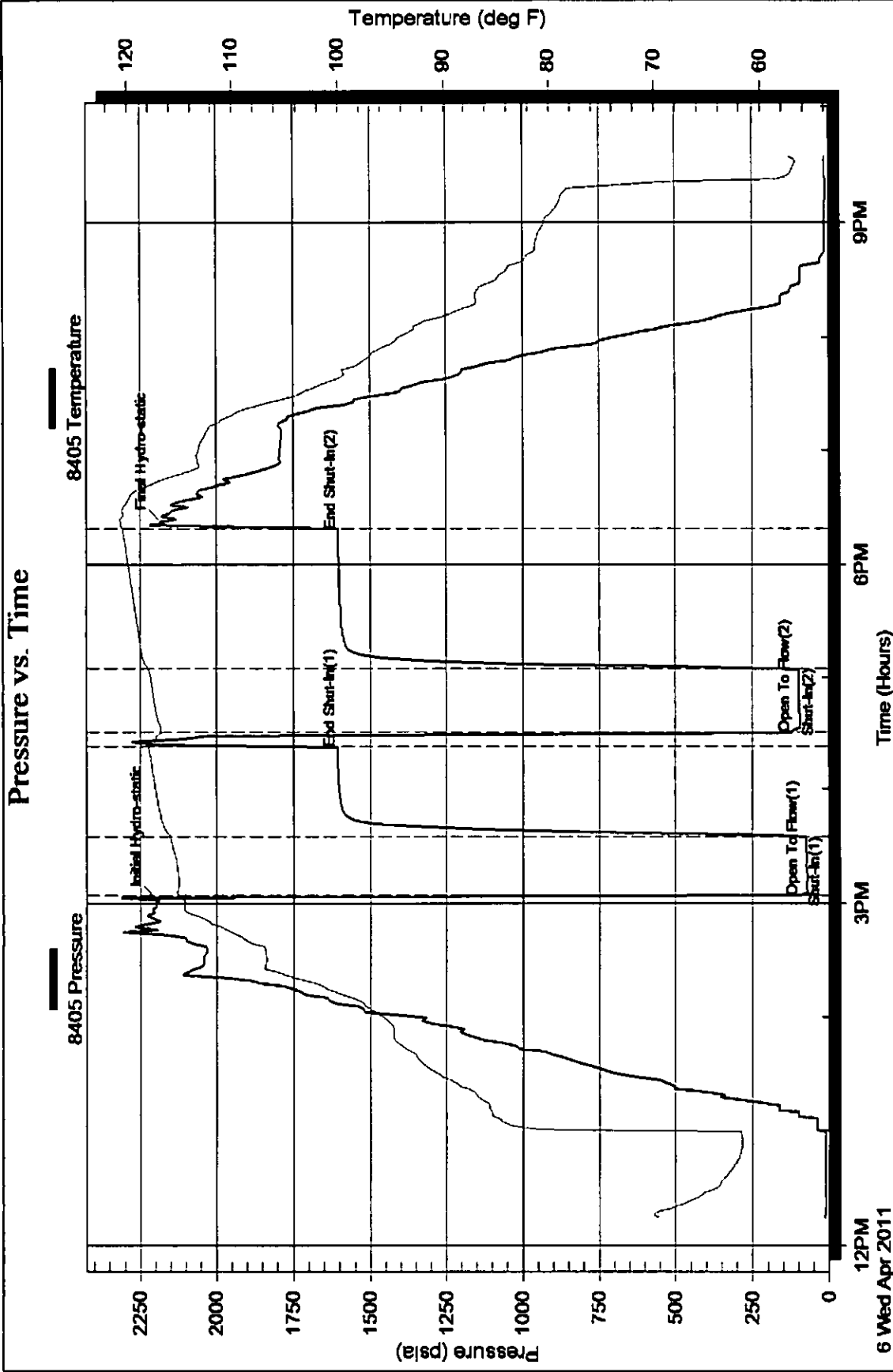
Inside

L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 1

### Pressure vs. Time



12PM  
6 Wed Apr 2011

3PM

6PM

9PM



## DRILL STEM TEST REPORT

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

2135 2nd Road Holyrood  
Kansas 67450+9021

ATTN: Scott Alberg

**14/32S/15W Barber**

**Lakin # 14**

Start Date: 2011.04.07 @ 04:08:00

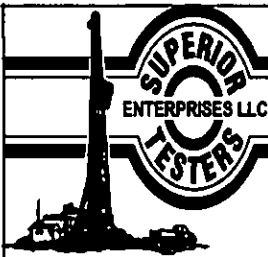
End Date: 2011.04.07 @ 11:46:30

Job Ticket #: 15984                      DST #: 2

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

Printed: 2011.04.07 @ 12:08:47

L B Exploration Inc.  
Lakin # 14  
14/32S/15W Barber  
DST # 2  
Marmaton  
2011.04.07



# DRILL STEM TEST REPORT

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

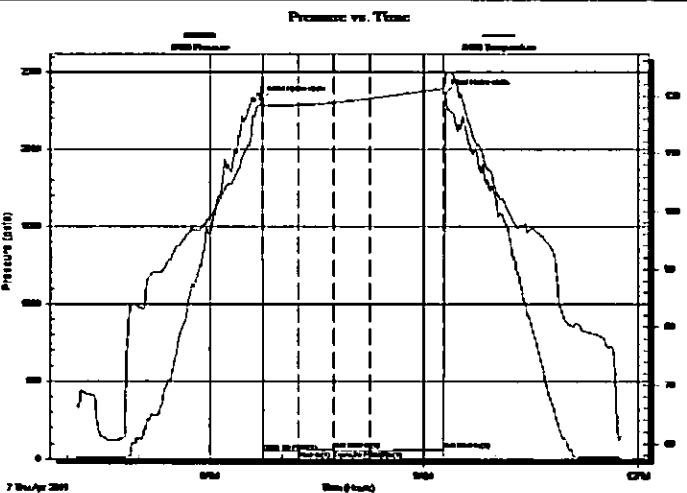
**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15984      **DST#: 2**  
 Test Start: 2011.04.07 @ 04:08:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 06:44:30  
 Time Test Ended: 11:46:30  
 Interval: **4670.00 ft (KB) To 4708.00 ft (KB) (TVD)**  
 Total Depth: **4708.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dylan E Ellis**  
 Unit No: **3345/Pratt/124**  
 Reference Elevations: **1979.00 ft (KB)**  
**1971.00 ft (CF)**  
**KB to GR/CF: 8.00 ft**

**Serial #: 8400**      **Outside**  
 Press@RunDepth: **54.08 psia @ 4705.00 ft (KB)**      Capacity: **5000.00 psia**  
 Start Date: **2011.04.07**      End Date: **2011.04.07**      Last Calib.: **2011.04.07**  
 Start Time: **04:08:00**      End Time: **11:46:30**      Time On Btm: **2011.04.07 @ 06:42:30**  
 Time Off Btm: **2011.04.07 @ 09:18:00**

**TEST COMMENT:** 1ST Opening 30 Minutes very weak blow /blow built to 0.25 inch into bucket of water  
 1ST Shut-In 30 Minutes no blow back  
 2ND Opening 30 Minutes blow w as dead all through out open  
 2ND Shut-In 60 Minutes no blow back



## PRESSURE SUMMARY

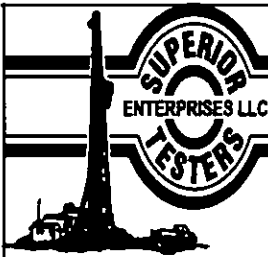
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2321.48	118.27	Initial Hydro-static
2	51.11	118.50	Open To Flow (1)
32	53.87	118.40	Shut-In(1)
62	62.56	118.82	End Shut-In(1)
63	53.79	118.83	Open To Flow (2)
92	54.08	119.55	Shut-In(2)
154	62.42	121.27	End Shut-In(2)
156	2361.82	123.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

## Gas Rates

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



# DRILL STEM TEST REPORT

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

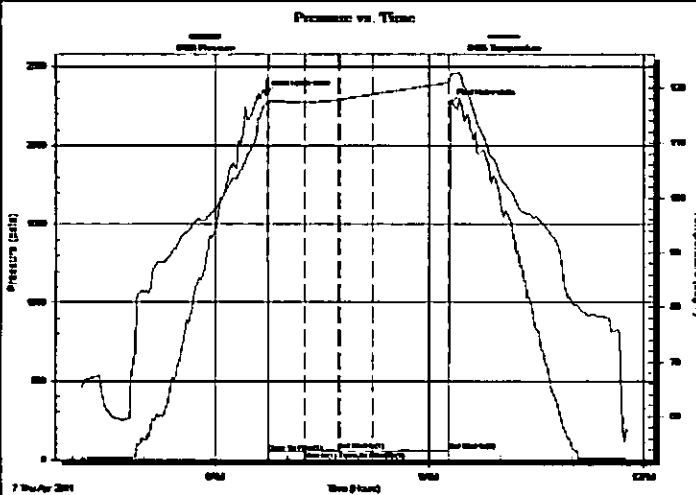
**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15984      **DST#: 2**  
 Test Start: 2011.04.07 @ 04:08:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 06:44:30  
 Time Test Ended: 11:46:30  
 Interval: **4670.00 ft (KB) To 4708.00 ft (KB) (TVD)**  
 Total Depth: **4708.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dylan E Ellis**  
 Unit No: **3345/Pratt/124**  
 Reference Elevations: **1979.00 ft (KB)**  
**1971.00 ft (CF)**  
**KB to GR/CF: 8.00 ft**

**Serial #: 8405**      **Inside**  
 Press@RunDepth: **61.71 psia @ 4704.00 ft (KB)**      Capacity: **5000.00 psia**  
 Start Date: **2011.04.07**      End Date: **2011.04.07**      Last Calib.: **2011.04.07**  
 Start Time: **04:08:00**      End Time: **11:46:00**      Time On Birm: **2011.04.07 @ 06:42:00**  
 Time Off Birm: **2011.04.07 @ 09:17:30**

**TEST COMMENT:** 1ST Opening 30 Minutes very weak blow /blow built to 0.25 inch into bucket of water  
 1ST Shut-in 30 Minutes no blow back  
 2ND Opening 30 Minutes blow was dead all through out open  
 2ND Shut-in 60 Minutes no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2323.41	116.99	Initial Hydro-static
3	50.44	117.33	Open To Flow (1)
33	54.97	117.30	Shut-in(1)
62	61.80	117.83	End Shut-in(1)
63	54.10	117.87	Open To Flow (2)
91	54.51	118.79	Shut-in(2)
155	61.71	120.89	End Shut-in(2)
156	2270.59	121.89	Final Hydro-static

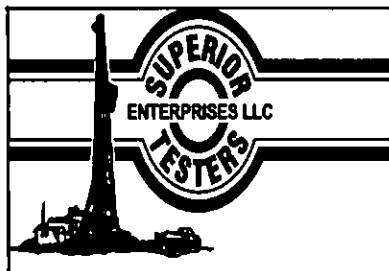
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

## Gas Rates

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





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15984      **DST#: 2**  
 Test Start: 2011.04.07 @ 04:08:00

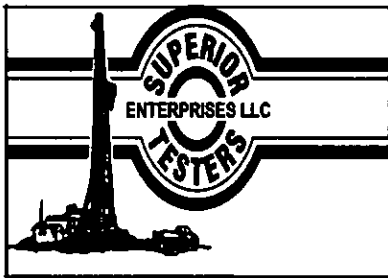
**Tool Information**

Drill Pipe:	Length: 4477.00 ft	Diameter: 3.80 inches	Volume: 62.80 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: 189.00 ft	Diameter: 2.25 inches	Volume: 0.93 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 63.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4670.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 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			4647.00	
Hydraulic Tool	5.00			4652.00	
Jars	6.00			4658.00	
Safety Joint	2.00			4660.00	
Packer	5.00			4665.00	28.00      Bottom Of Top Packer
Packer	5.00			4670.00	
Perforations	33.00			4703.00	
Recorder	1.00	8405	Inside	4704.00	
Recorder	1.00	8400	Outside	4705.00	
Bull Plug	3.00			4708.00	38.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>66.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15984      **DST#: 2**  
 Test Start: 2011.04.07 @ 04:08:00

### 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: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	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:

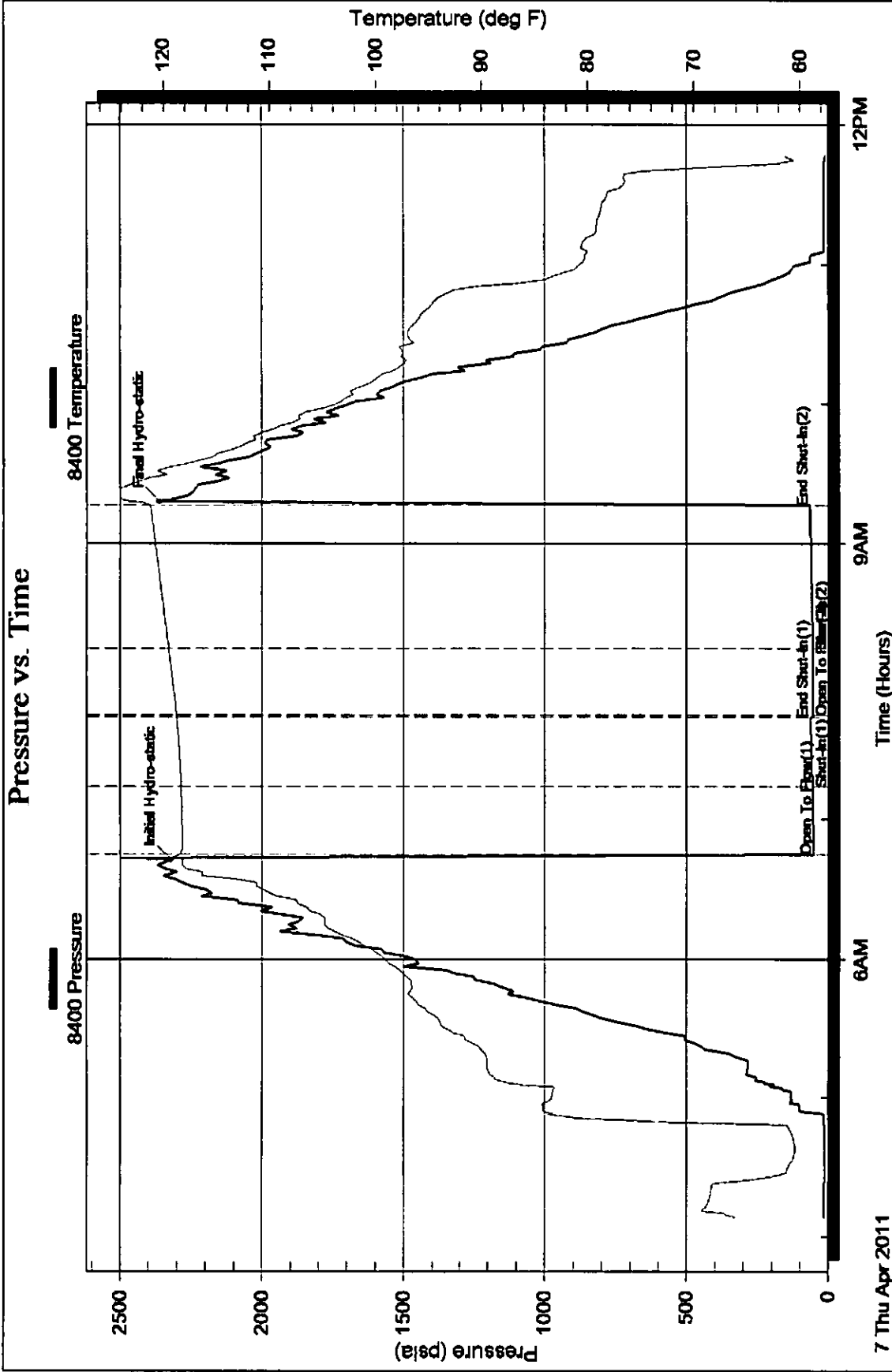
Serial #: 8400

Outside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 2

### Pressure vs. Time



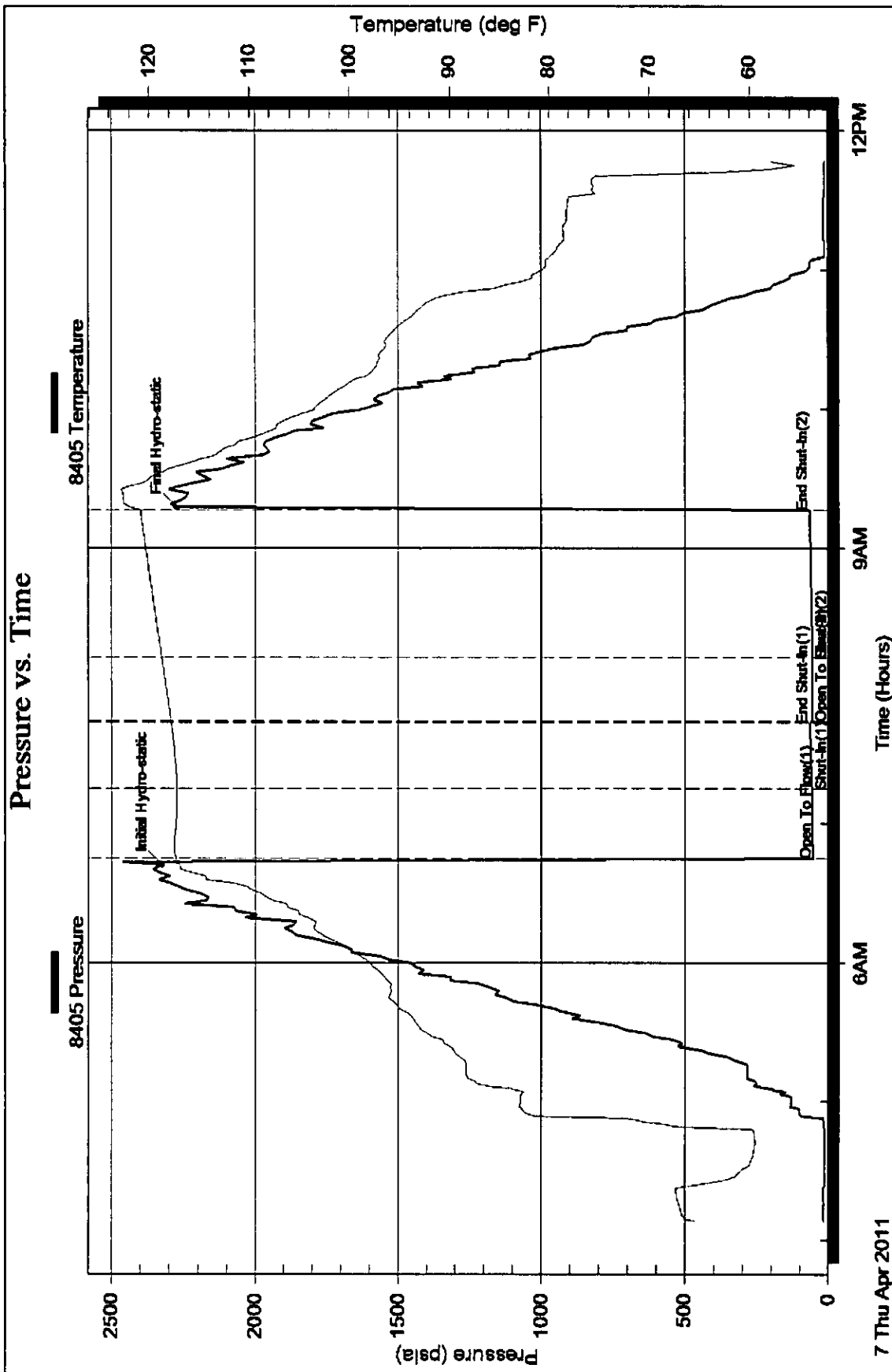
Serial #: 8405

Inside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 2

### Pressure vs. Time



Printed: 2011.04.07 @ 12:08:49

Ref. No: 15984

Superior Testers Enterprises LLC



## DRILL STEM TEST REPORT

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

2135 2nd Road Holyrood  
Kansas 67450+9021

ATTN: Scott Alberg

**14/32S/15W Barber**

**Lakin # 14**

Start Date: 2011.04.08 @ 07:06:00

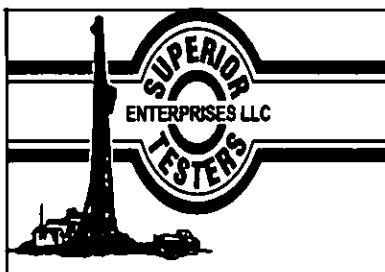
End Date: 2011.04.08 @ 16:15:30

Job Ticket #: 15985                      DST #: 3

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

Printed: 2011.04.09 @ 04:37:36

L B Exploration Inc.      Lakin # 14      14/32S/15W Barber      DST # 3      Viola Zone      2011.04.08



# DRILL STEM TEST REPORT

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

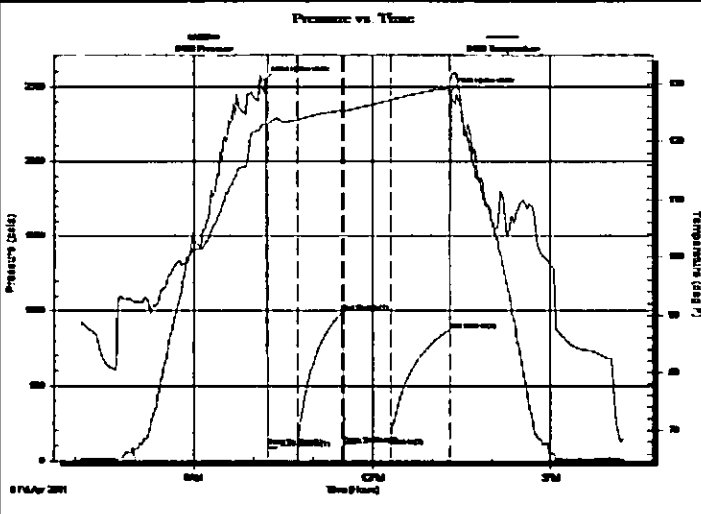
**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15985      **DST#: 3**  
 Test Start: 2011.04.08 @ 07:06:00

## GENERAL INFORMATION:

Formation: **Viola Zone**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 10:14:30  
 Time Test Ended: 16:15:30  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dylan E Ellis**  
 Unit No: **3345/Prat/124**  
 Interval: **4888.00 ft (KB) To 4950.00 ft (KB) (TVD)**  
 Reference Elevations: **1979.00 ft (KB)**  
 Total Depth: **4950.00 ft (KB) (TVD)**  
**1971.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **8.00 ft**

**Serial #: 8400**      **Outside**  
 Press@RunDepth: **150.17 psia @ 4947.10 ft (KB)**      Capacity: **5000.00 psia**  
 Start Date: **2011.04.08**      End Date: **2011.04.08**      Last Calib.: **2011.04.09**  
 Start Time: **07:06:00**      End Time: **16:15:30**      Time On Btm: **2011.04.08 @ 10:11:30**  
 Time Off Btm: **2011.04.08 @ 13:18:30**

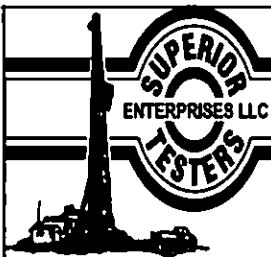
**TEST COMMENT:** 1ST Opening 30 Minutes very strong blow /blow blew to bottom of bucket in 30 seconds  
 1ST Shut-in 45 Minutes yes blow back  
 2ND Opening 45 Minutes very strong blow /blew off bottom almost instantly/gas to surface 15 minutes  
 2ND Shut-in 60 Minutes yes blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2542.04	123.09	Initial Hydro-static
3	94.89	122.89	Open To Flow (1)
33	138.10	123.78	Shut-in(1)
78	989.34	125.47	End Shut-in(1)
79	110.29	125.21	Open To Flow (2)
127	150.17	127.25	Shut-in(2)
186	869.13	129.39	End Shut-in(2)
187	2469.57	131.15	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
190.00	Slightly Gassy cut Mud	0.94
0.00	Gas 2% Mud 98%	0.00

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



# DRILL STEM TEST REPORT

L B Exploration Inc.  
2135 2nd Road Holyrood  
Kansas 67450+9021  
ATTN: Scott Alberg

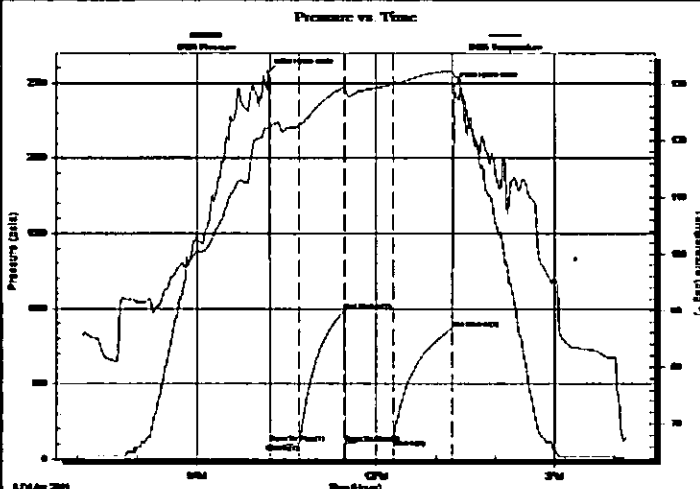
Lakin # 14  
14/32S/15W Barber  
Job Ticket: 15985      DST#: 3  
Test Start: 2011.04.08 @ 07:06:00

### GENERAL INFORMATION:

Formation: **Viola Zone**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 10:14:30  
Time Test Ended: 16:15:30  
Interval: **4888.00 ft (KB) To 4950.00 ft (KB) (TVD)**  
Total Depth: **4950.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Dylan E Ellis**  
Unit No: **3345/Pratt/124**  
Reference Elevations: **1979.00 ft (KB)**  
**1971.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

Serial #: **8405**      Inside  
Press@RunDepth: **865.10 psia @ 4946.10 ft (KB)**      Capacity: **5000.00 psia**  
Start Date: **2011.04.08**      End Date: **2011.04.08**      Last Calib.: **2011.04.09**  
Start Time: **07:06:00**      End Time: **16:15:00**      Time On Btm: **2011.04.08 @ 10:11:30**  
Time Off Btm: **2011.04.08 @ 13:18:30**

TEST COMMENT: 1ST Opening 30 Minutes very strong blow /blow blew to bottom of bucket in 30 seconds  
1ST Shut-In 45 Minutes yes blow back  
2ND Opening 45 Minutes very strong blow /blew off bottom almost instantly/gas to surface 15 minutes  
2ND Shut-In 60 Minutes yes blow back



### PRESSURE SUMMARY

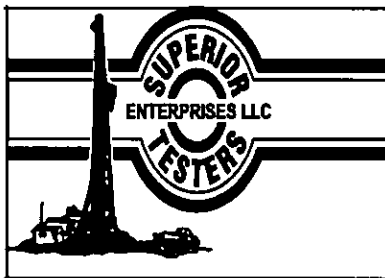
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2570.42	122.34	Initial Hydro-static
2	108.18	121.81	Open To Flow (1)
31	102.71	122.65	Shut-In(1)
77	982.50	129.41	End Shut-In(1)
78	109.30	129.22	Open To Flow (2)
126	132.40	129.90	Shut-In(2)
186	865.10	132.19	End Shut-In(2)
187	2481.07	131.60	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
190.00	Slightly Gassy cut Mud	0.94
0.00	Gas 2% Mud 98%	0.00

### Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15985      **DST#: 3**  
 Test Start: 2011.04.08 @ 07:06:00

**Tool Information**

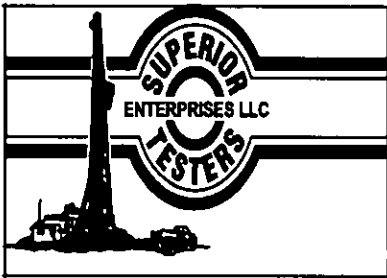
Drill Pipe:	Length: 4692.00 ft	Diameter: 3.80 inches	Volume: 65.82 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 189.00 ft	Diameter: 2.25 inches	Volume: 0.93 bbl	Weight to Pull Loose: 26000.00 lb
			<b>Total Volume: 66.75 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4888.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.10 ft			
Tool Length:	90.10 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			4865.00	
Hydraulic Tool	5.00			4870.00	
Jars	6.00			4876.00	
Safety Joint	2.00			4878.00	
Packer	5.00			4883.00	28.00      Bottom Of Top Packer
Packer	5.00			4888.00	
Perforations	5.00			4893.00	
Change Over Sub	0.75			4893.75	
Drill Pipe	31.60			4925.35	
Change Over Sub	0.75			4926.10	
Perforations	19.00			4945.10	
Recorder	1.00	8405	Inside	4946.10	
Recorder	1.00	8400	Outside	4947.10	
Bull Plug	3.00			4950.10	62.10      Bottom Packers & Anchor

**Total Tool Length: 90.10**





# DRILL STEM TEST REPORT

## FLUID SUMMARY

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15985      **DST#: 3**  
 Test Start: 2011.04.08 @ 07:06:00

### 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: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.80 in <sup>3</sup>	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
190.00	Slightly Gassy cut Mud	0.943
0.00	Gas 2% Mud 98%	0.000

Total Length: 190.00 ft      Total Volume: 6558.363 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: I tried to gauge the gas but didn't have enough pressure behind it to measure the gas/ but i caught a gas sample of it.

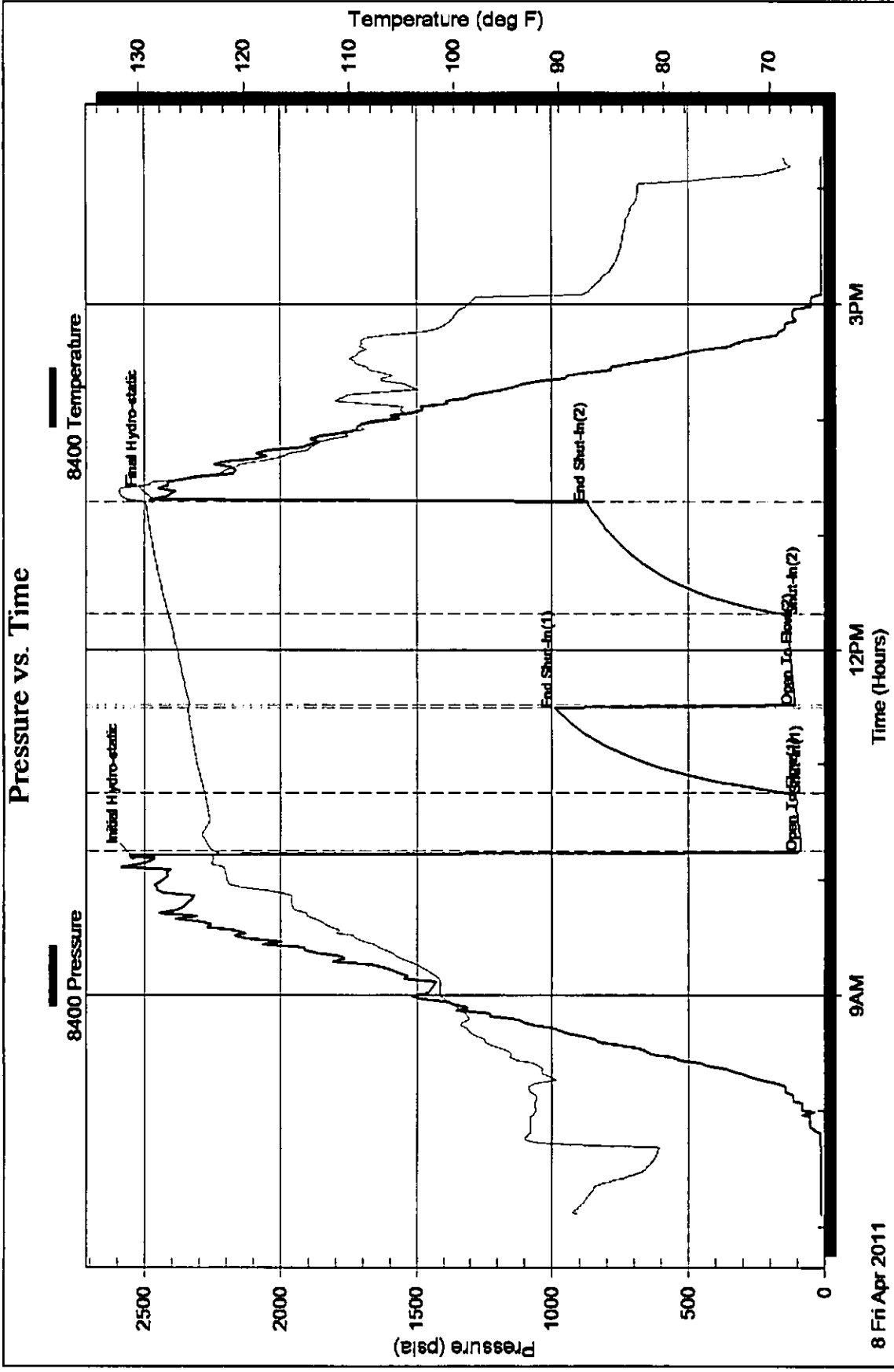
Serial #: 8400

Outside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 3

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 15985

Printed: 2011.04.09 @ 04:37:38

Serial #: 8405

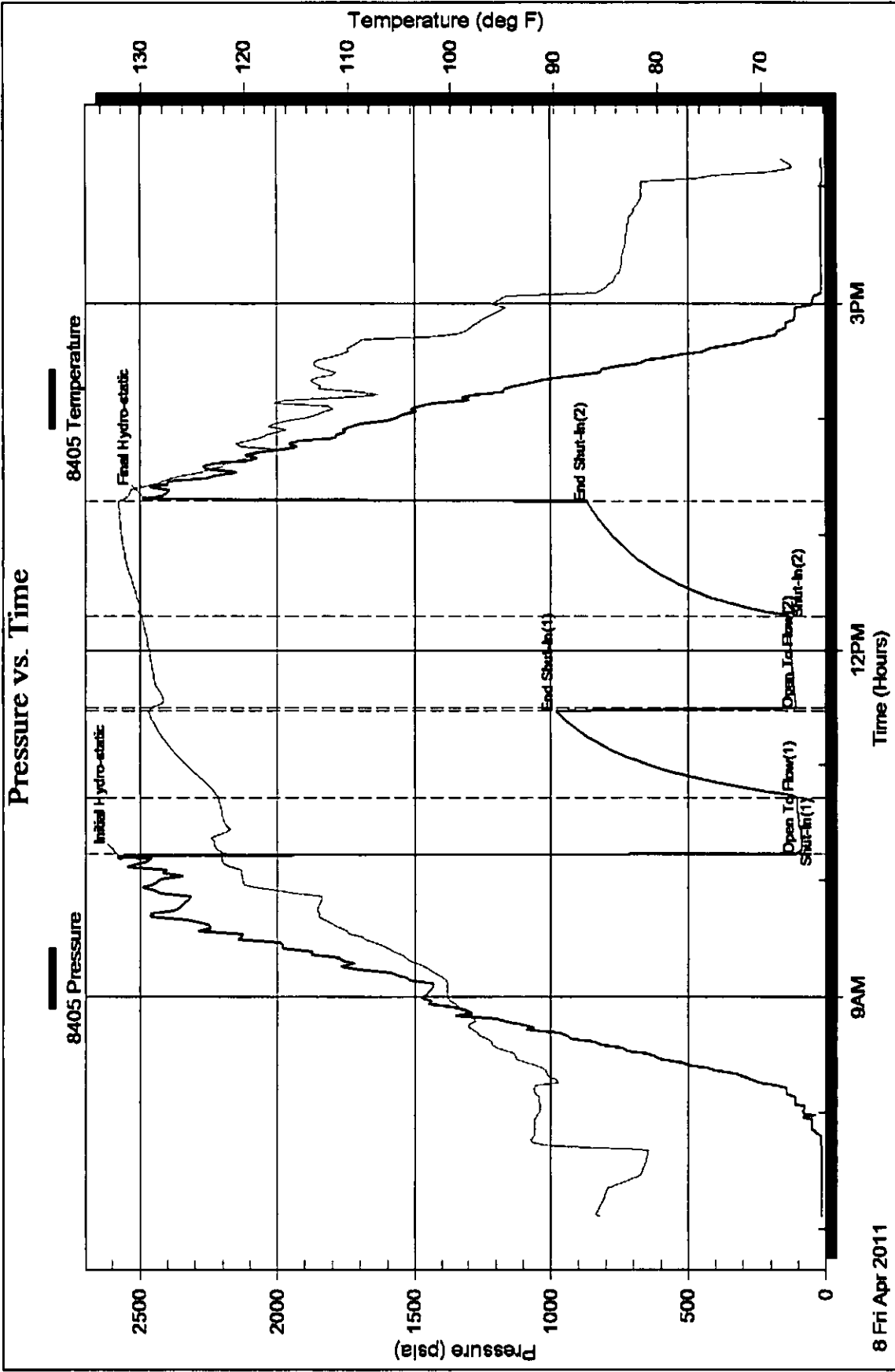
Inside

L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 3

### Pressure vs. Time



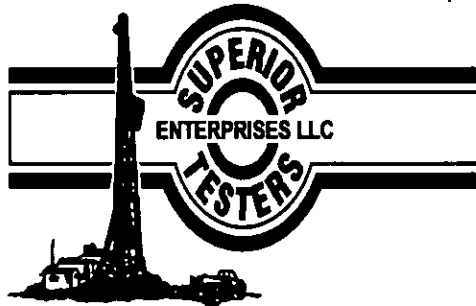
8 Fri Apr 2011

9AM

12PM

3PM

Time (1-hours)



## DRILL STEM TEST REPORT

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

2135 2nd Road Holyrood  
Kansas 67450+9021

ATTN: Scott Alberg

**14/32S/15W Barber**

**Lakin # 14**

Start Date: 2011.04.09 @ 02:43:00

End Date: 2011.04.09 @ 12:18:00

Job Ticket #: 15986                      DST #: 4

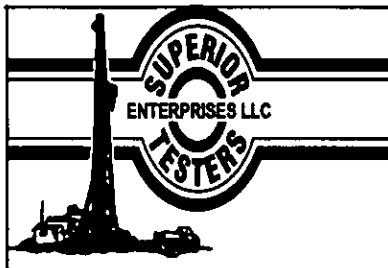
Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.04.10 @ 00:52:12

L B Exploration Inc.    Lakin # 14    14/32S/15W Barber    DST # 4    Viola    2011.04.09







# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

L B Exploration Inc.  
 2135 2nd Road Holyrood  
 Kansas 67450+9021  
 ATTN: Scott Alberg

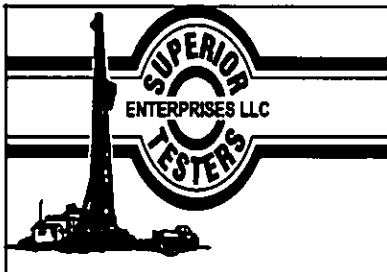
**Lakin # 14**  
**14/32S/15W Barber**  
 Job Ticket: 15986      **DST#: 4**  
 Test Start: 2011.04.09 @ 02:43:00

**Tool Information**

Drill Pipe:	Length: 4754.00 ft	Diameter: 3.80 inches	Volume: 66.69 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: 189.00 ft	Diameter: 2.25 inches	Volume: 0.93 bbl	Weight to Pull Loose: 21000.00 lb
			<u>Total Volume: 67.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4951.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			4928.00	
Hydraulic Tool	5.00			4933.00	
Jars	6.00			4939.00	
Safety Joint	2.00			4941.00	
Packer	5.00			4946.00	28.00      Bottom Of Top Packer
Packer	5.00			4951.00	
Perforations	19.00			4970.00	
Recorder	1.00	8405	Inside	4971.00	
Recorder	1.00	8400	Outside	4972.00	
Bull Plug	3.00			4975.00	24.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>52.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

L B Exploration Inc.

**Lakin # 14**

2135 2nd Road Holyrood  
Kansas 67450+9021

**14/32S/15W Barber**

Job Ticket: 15986

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2011.04.09 @ 02:43:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 10.80 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5000.00 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

deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	Slightly Oil cut Gassy Mud trace Water	0.541
60.00	Oil cut Watery Mud	0.295
0.00	Mud 30% Water 60% Oil 10%	0.000
180.00	Slighty Oil cut Muddy Water	2.352
0.00	Oil 5% Mud 15% Water 80%	0.000
0.00	Resistivity w as .10 @ 69 degrees	0.000
0.00	Chlorides were 55,000.0	0.000

Total Length: 350.00 ft      Total Volume: 3.188 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



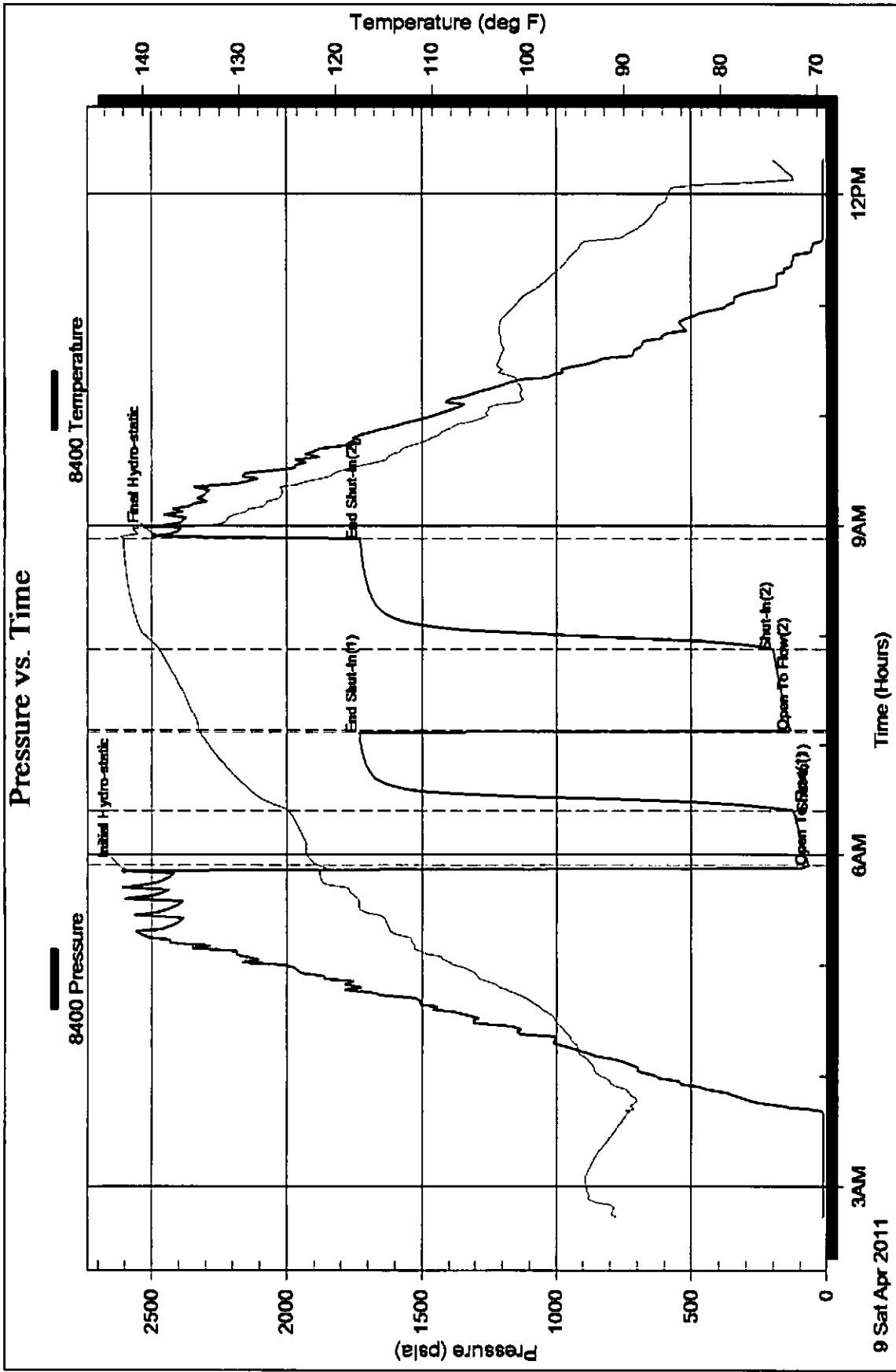
Serial #: 8400

Outside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 4

### Pressure vs. Time



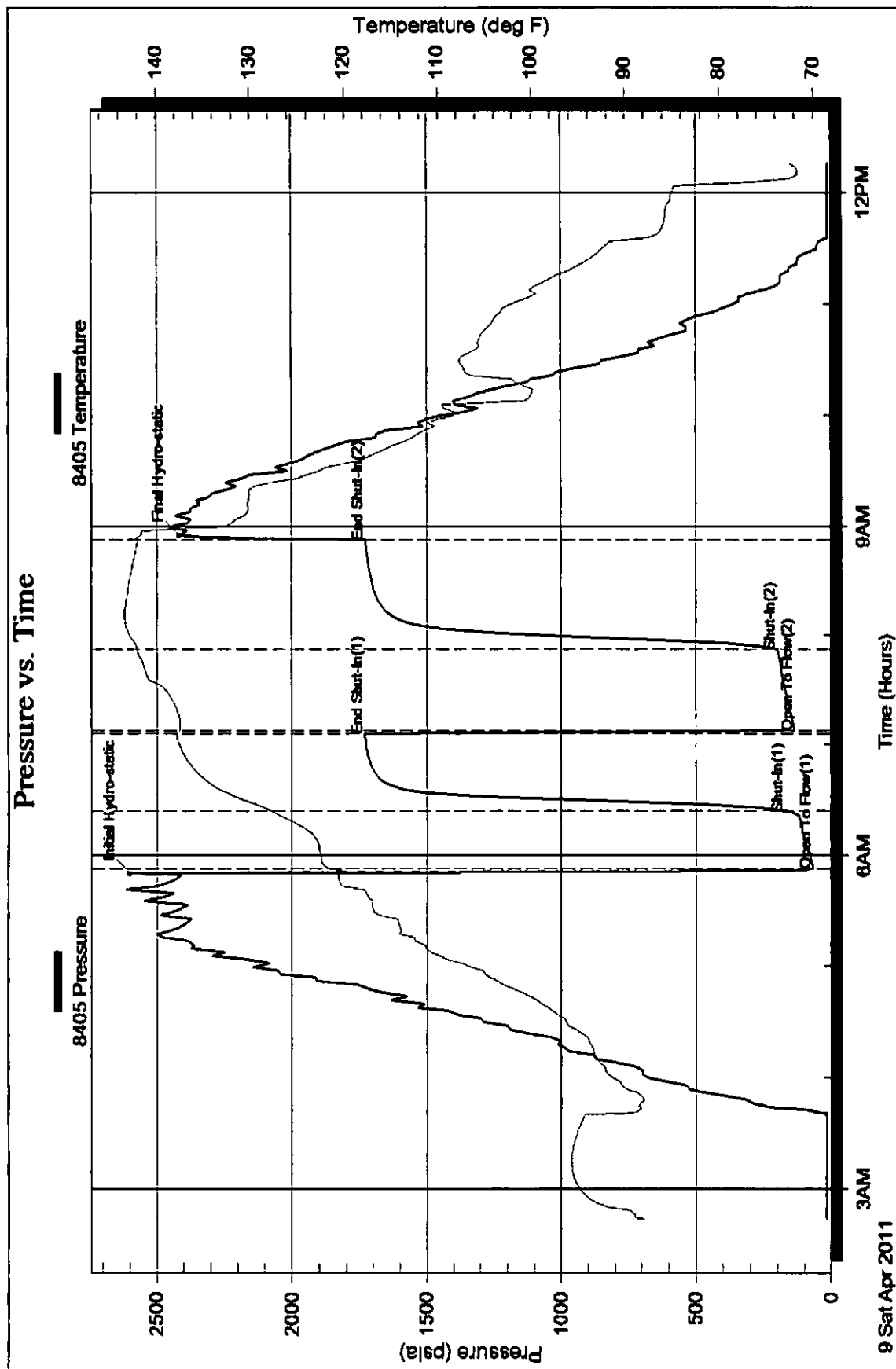
Serial #: 8405

Inside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 4

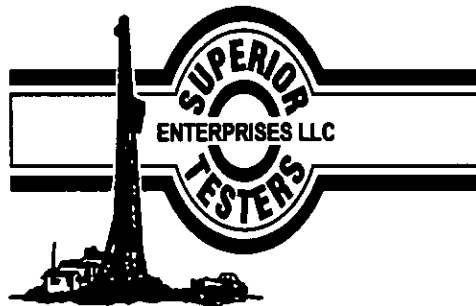
### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 15986

Printed: 2011.04.10 @ 00:52:14



## DRILL STEM TEST REPORT

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

2135 2nd Road Holyrood  
Kansas 67450+9021

ATTN: Scott Alberg

**14/32S/15W Barber**

**Lakin # 14**

Start Date: 2011.04.10 @ 12:00:00

End Date: 2011.04.10 @ 21:13:00

Job Ticket #: 15987                      DST #: 5

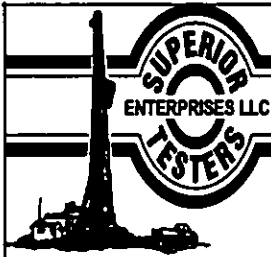
Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.04.10 @ 21:37:48

L B Exploration Inc.      Lakin # 14      14/32S/15W Barber      DST # 5      Simpson Sand      2011.04.10







# DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration Inc.

**Lakin # 14**

2135 2nd Road Holyrood  
Kansas 67450+9021

**14/32S/15W Barber**

Job Ticket: 15987

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2011.04.10 @ 12:00:00

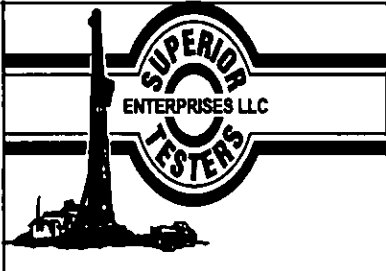
## Tool Information

Drill Pipe:	Length: 4824.00 ft	Diameter: 3.80 inches	Volume: 67.67 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: 189.00 ft	Diameter: 2.25 inches	Volume: 0.93 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 68.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	5025.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			5002.00	
Hydraulic Tool	5.00			5007.00	
Jars	6.00			5013.00	
Safety Joint	2.00			5015.00	
Packer	5.00			5020.00	28.00 Bottom Of Top Packer
Packer	5.00			5025.00	
Perforations	15.00			5040.00	
Recorder	1.00	8405	Inside	5041.00	
Recorder	1.00	8400	Outside	5042.00	
Bull Plug	3.00			5045.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>48.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

L B Exploration Inc.

Lakin # 14

2135 2nd Road Holyrood  
Kansas 67450+9021

14/32S/15W Barber

Job Ticket: 15987

DST#: 5

ATTN: Scott Alberg

Test Start: 2011.04.10 @ 12:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 7800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	Slightly Oil spotted Mud-100%	0.148
120.00	Water cut Mud with Oil specks	0.590
0.00	30% Water 70% Mud	0.000
120.00	Mud cut Water	1.328
0.00	5% Mud 95% Water	0.000
0.00	60 Gas in the pipe	0.000
0.00	Chlorides were 47,000.0	0.000
0.00	Resistivity was .10 @ 67 degrees	0.000

Total Length: 270.00 ft      Total Volume: 2.066 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

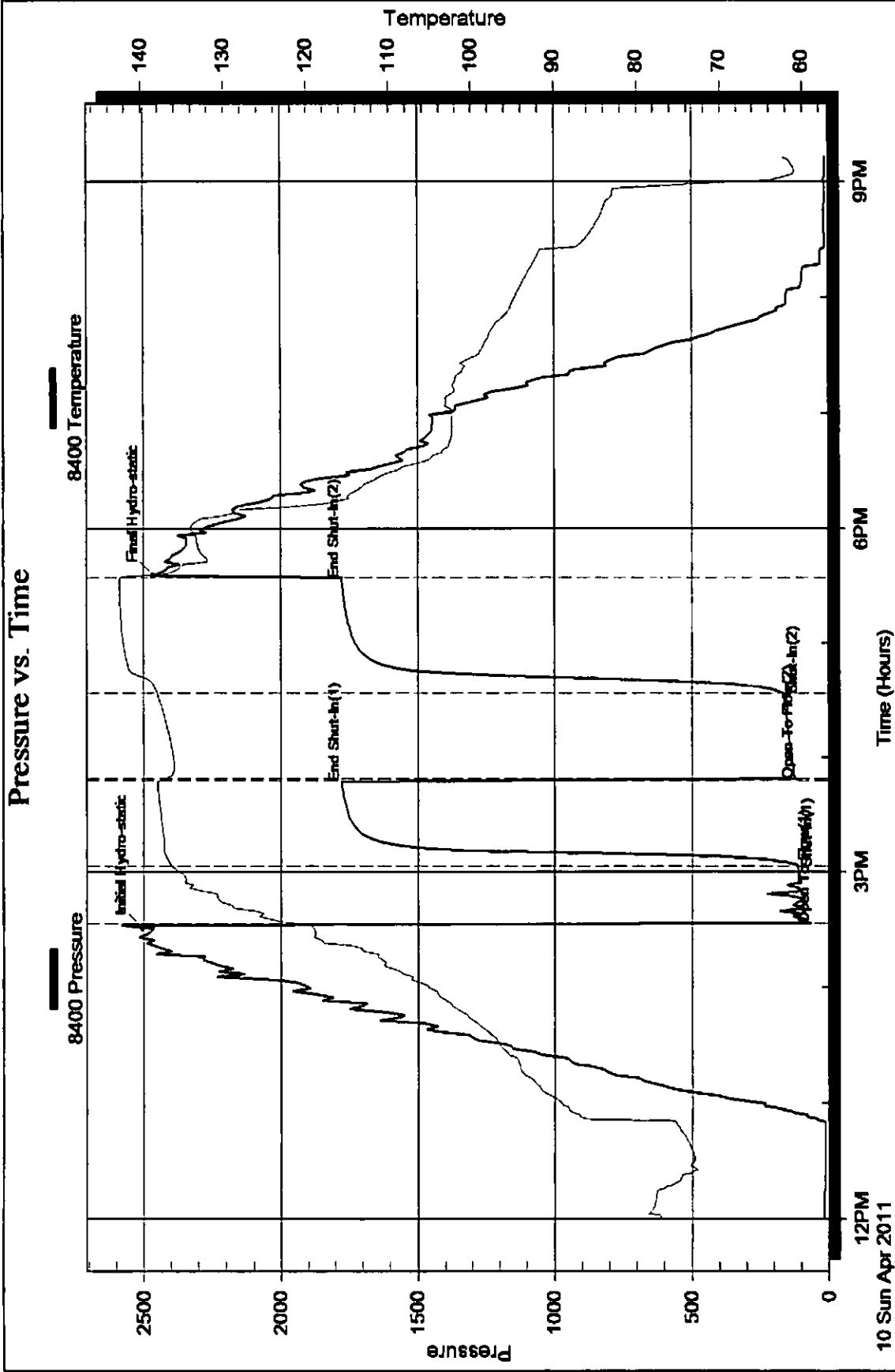
Recovery Comments: Thank You for the Work! Dylan E

Serial #: 8400

Outside L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 5



Printed: 2011.04.10 @ 21:37:50

Ref. No: 15987

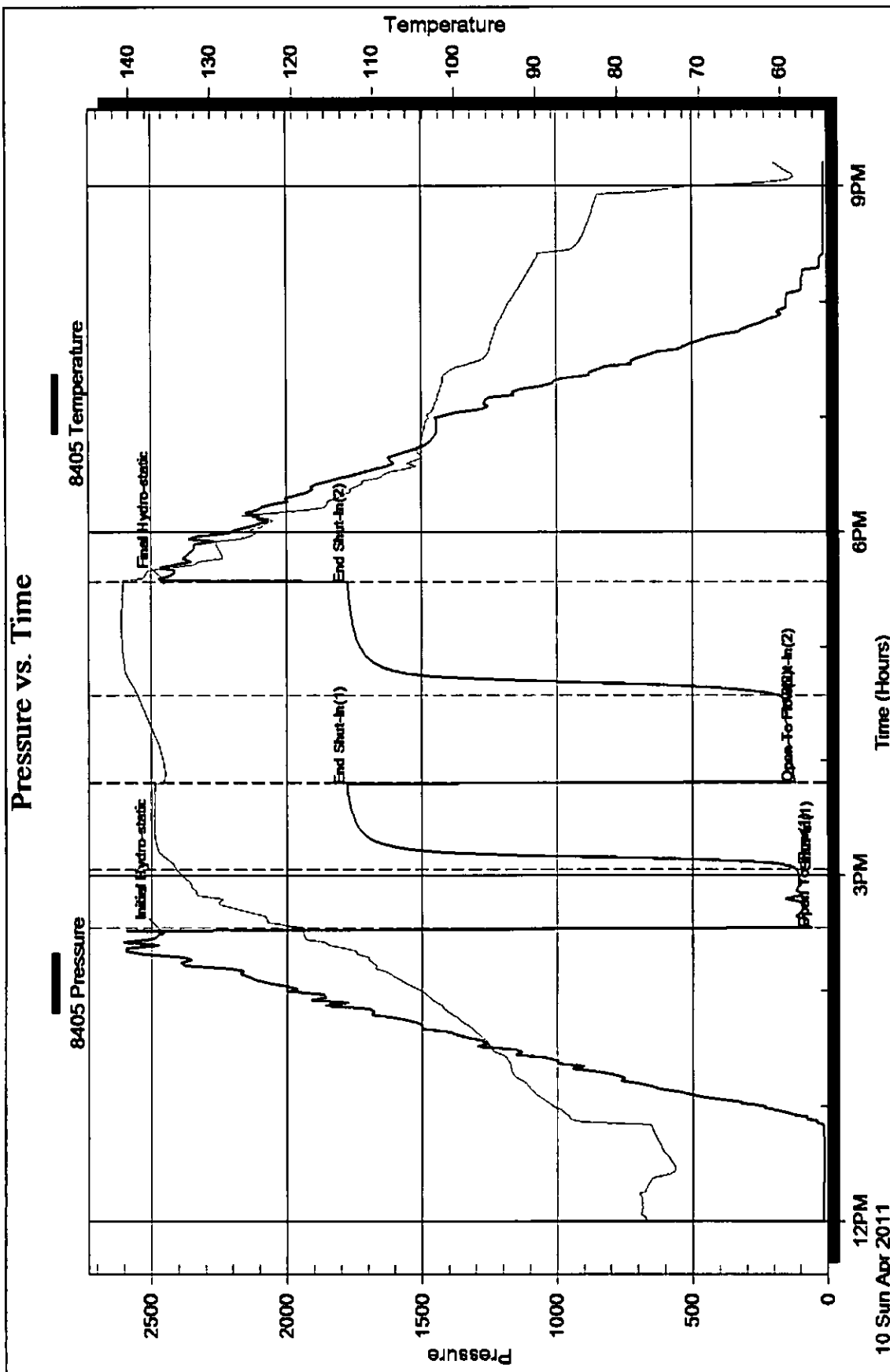
Superior Testers Enterprises LLC



Serial #: 8405

Inside L B Exploration Inc.

DST Test Number: 5



Superior Testers Enterprises LLC

Ref. No: 15987

Printed: 2011.04.10 @ 21:37:50