



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: _____



1074456

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	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

Customer <u>L.B. EXPLORATION, INC.</u>		Lease No.		Date	
Lease <u>LARKIN 14</u>		Well # <u>1</u>		<u>3-30-2011</u>	
Field Order # <u>3661</u>	Station <u>PRATT, KS.</u>	Casing <u>5/8"</u>	Depth <u>230'</u>	County <u>BARBER</u>	State <u>KS</u>
Type Job <u>CNW-8 5/8" S.P.</u>			Formation	Legal Description <u>14-32-15</u>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>5 7/8"</u>	Tubing Size	Shots/Ft	<u>CMT-</u>	Acid <u>175SK 60/40 POZ</u>	RATE	PRESS	ISIP	
Depth <u>230'</u>	Depth	From	To	Pre Pad <u>@ 1.21 CU FT³</u>	Max		5 Min.	
Volume <u>13.25 BBL</u>	Volume	From	To	Pad	Min		10 Min.	
Max Press <u>500</u>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <u>P.C.</u>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <u>210</u>	Packer Depth	From	To	Flush <u>13.25 BBL</u>	Gas Volume		Total Load	

Customer Representative LARRY W. FOSSIL Station Manager D. SCOTT Treater K. LESLEY

Service Units	<u>19870</u>	<u>27463</u>	<u>19832</u>	<u>19862</u>					
Driver Names	<u>LESLEY</u>	<u>MITCHELL</u>	<u>HUNTER</u>						

Time	Casing Pressure	Tubing Pressure	Bbbls. Pumped	Rate	Service Log
<u>9:30 PM</u>					<u>ON LOCATION - SAFETY MEETING</u>
<u>11:00 PM</u>					<u>RUN 5 JTS. 8 5/8" x 2 1/4" CSG.</u>
<u>11:49 PM</u>					<u>CSG ON BOTTOM</u>
<u>12:00 AM</u>					<u>HOOK UP TO CSG. / BREAK CIRC. W/ RIG</u>
<u>12:08 AM</u>	<u>100</u>		<u>5</u>	<u>4</u>	<u>H2O AHEAD OF CEMENT</u>
<u>12:10 AM</u>	<u>50</u>		<u>38</u>	<u>4</u>	<u>MIX 175SK. 60/40 POZ @ 14.8 PPG</u>
<u>12:20 AM</u>					<u>SHUT DOWN - RELEASE PLUG</u>
<u>12:25 AM</u>	<u>0</u>		<u>0</u>	<u>4</u>	<u>START DISPLACEMENT</u>
<u>12:30 AM</u>	<u>200</u>		<u>13.25</u>	<u>3</u>	<u>PLUG DOWN - CLOSED IN AT HEAD</u>
					<u>CIRCULATION THRU JOBS</u>
					<u>CIRCULATED 10 BBL TO PIT</u>
					<u>JOB COMPLETE,</u>
					<u>THANKS -</u>
					<u>KEELEN LESLEY</u>

TREATMENT REPORT

Customer <i>L.B. EXPLORATION</i>		Lease No.		Date <i>4-12-11</i>	
Lease <i>LARKIN 14</i>		Well # <i>1</i>			
Field Order # <i>2961</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>	Depth <i>5080</i>	County <i>BARBER</i>	State <i>KS</i>
Type Job <i>CNW 5 1/2" Logging</i>			Formation	Legal Description <i>14-15-15</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>5080</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>120</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>2,400</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>5037</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Johnson</i>
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Service Units	<i>33700</i>	<i>33708</i>	<i>20920</i>	<i>19826</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>Mitchell</i>	<i>Mitchell</i>	<i>Mitchell</i>	<i>Mitchell</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>OP for Scott, meeting</i>
					<i>Run 121 300 5 1/2" 1515 csg.</i>
					<i>OP 1225-6 1241516</i>
<i>1225</i>					<i>Casing on bottom</i>
<i>1235</i>					<i>Hook up to circ</i>
<i>130</i>	<i>200</i>		<i>7</i>	<i>4</i>	<i>At circ Scavenger cut 25k @ 10</i>
			<i>36</i>	<i>5</i>	<i>At circ 410 cut @ 1500 psi</i>
					<i>and 1000 ft of down hole was kept open</i>
					<i>Release Plug</i>
					<i>At circ w/ 2% KCL water</i>
	<i>300</i>		<i>81</i>		<i>Left Psi</i>
	<i>700</i>			<i>4.5</i>	<i>Show Rate</i>
<i>220</i>			<i>120</i>		<i>Plug down</i>
			<i>7</i>	<i>3</i>	<i>plug cut w/ 20k @ 1000 psi</i>
			<i>7</i>		<i>plug cut w/ 20k @ 1000 psi</i>
					<i>503 Complete</i>
					<i>Thank you!</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



DRILL STEM TEST REPORT

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

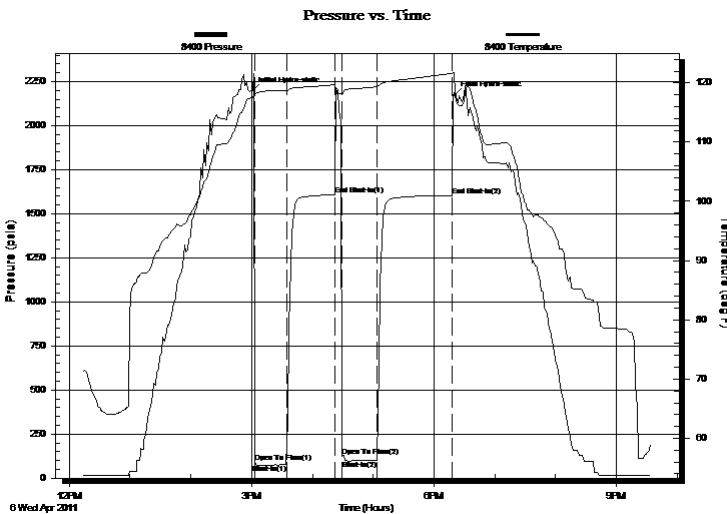
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15983 **DST#: 1**
 Test Start: 2011.04.06 @ 12:14:00

GENERAL INFORMATION:

Formation: **Dennis**
 Deviated: No Whipstock: ft (KB)
 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 #: 8400 Outside
 Press @ Run Depth: 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.
 2135 2nd Road Holyrood
 Kansas 67450+9021
 ATTN: Scott Alberg

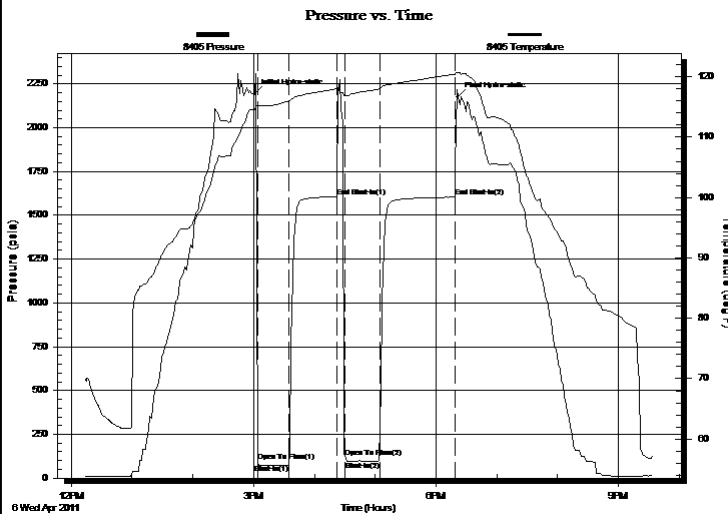
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15983 **DST#: 1**
 Test Start: 2011.04.06 @ 12:14:00

GENERAL INFORMATION:

Formation: **Dennis**
 Deviated: No Whipstock: ft (KB)
 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 @ Run Depth: 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
Total Tool Length:	53.00				



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: 15983

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.04.06 @ 12:14:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6600.00 ppm

Filter Cake: 1.00 inches

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 w all stuck and to pull tool loose and reset it to turn the tool. Tool back spun on us in the table thats w ay.



DRILL STEM TEST REPORT

GAS RATES

L B Exploration Inc.

Lakin # 14

2135 2nd Road Holyrood
Kansas 67450+9021

14/32S/15W Barber

Job Ticket: 15983

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.04.06 @ 12:14:00

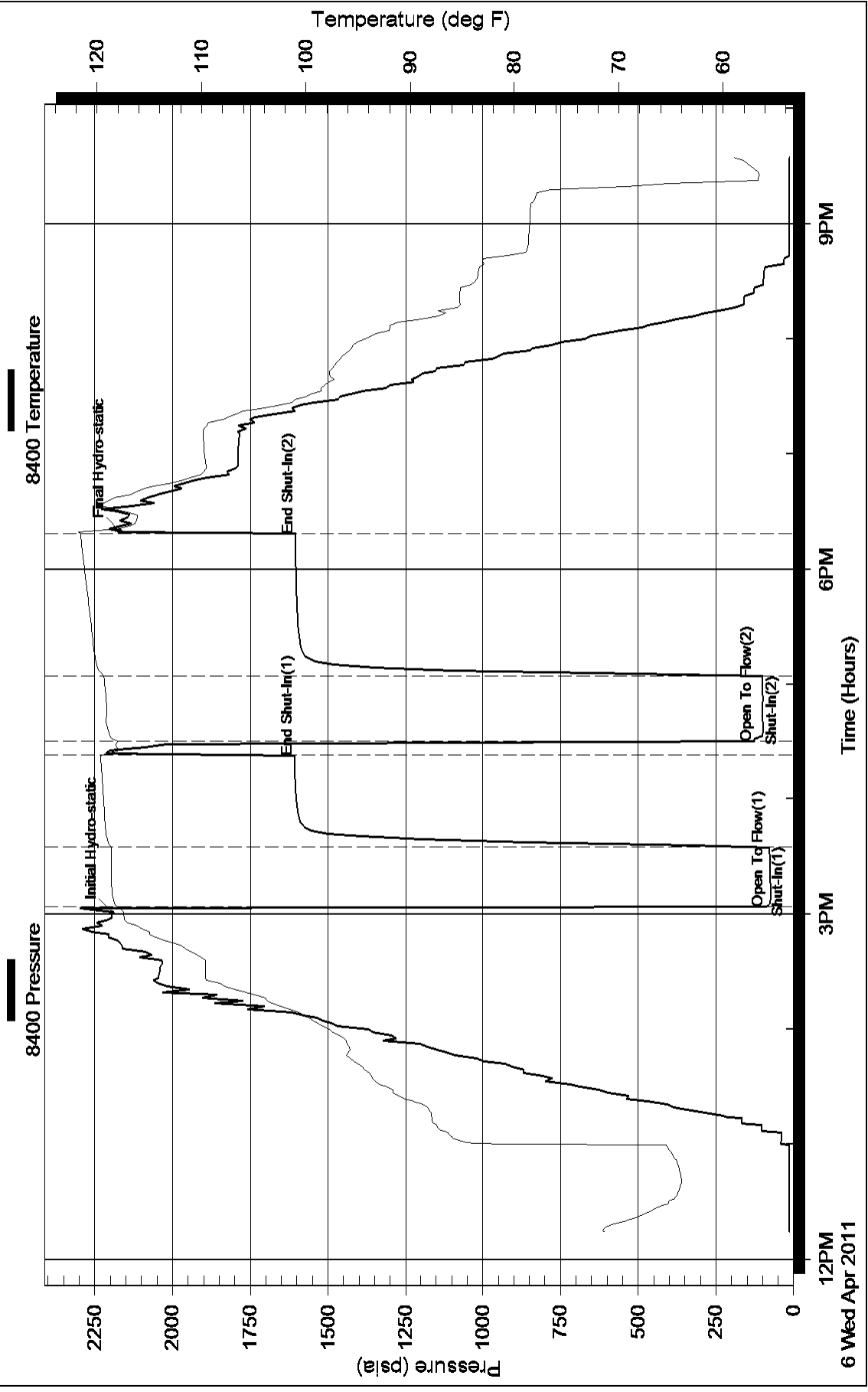
Gas Rates Information

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

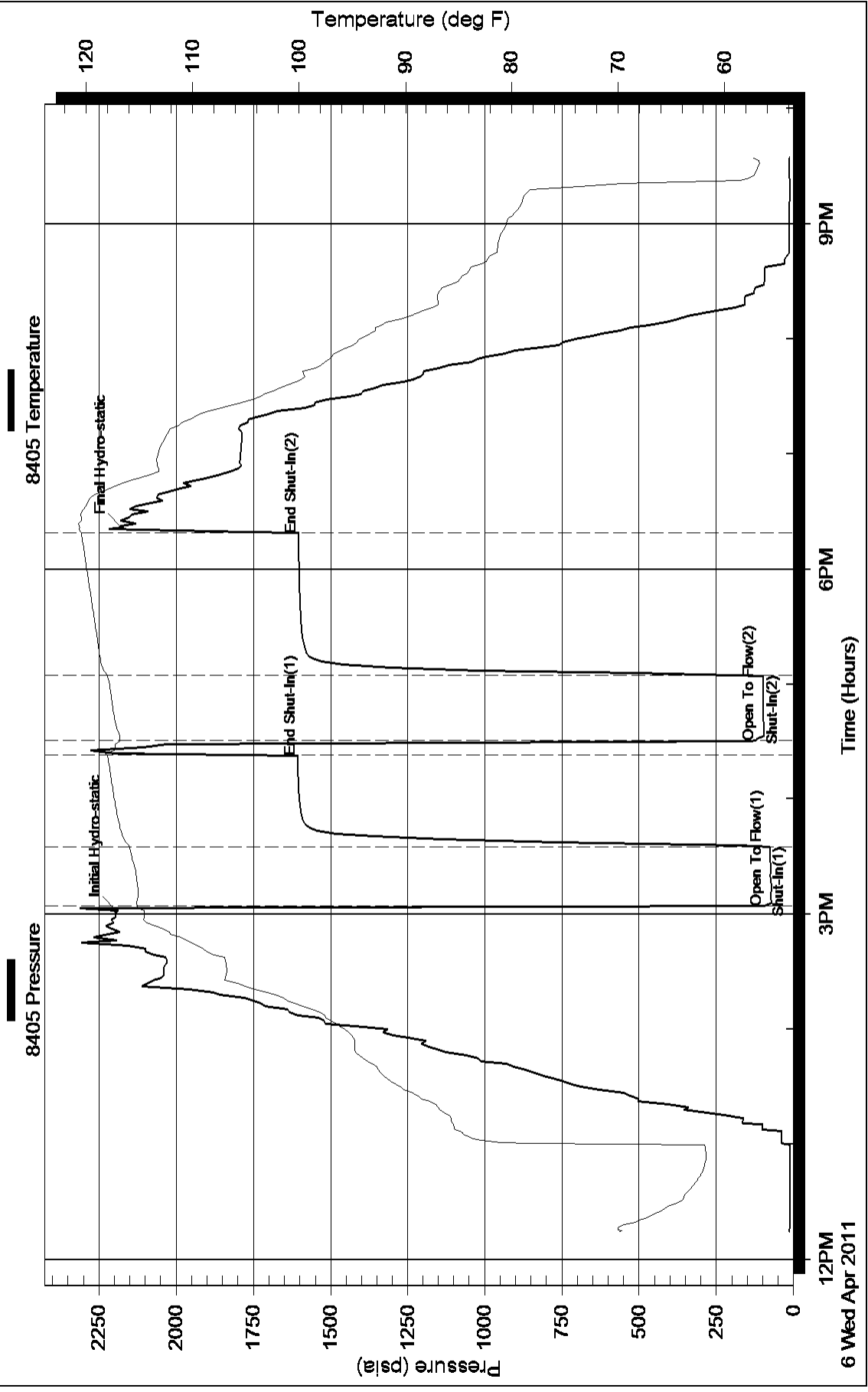
Gas Rates Table

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

Pressure vs. Time



Pressure vs. Time





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



DRILL STEM TEST REPORT

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

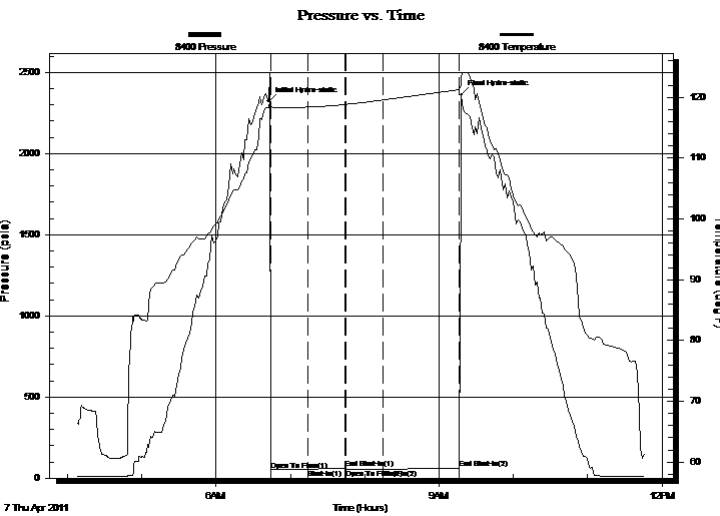
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15984 **DST#: 2**
 Test Start: 2011.04.07 @ 04:08:00

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 @ Run Depth: 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 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	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

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 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

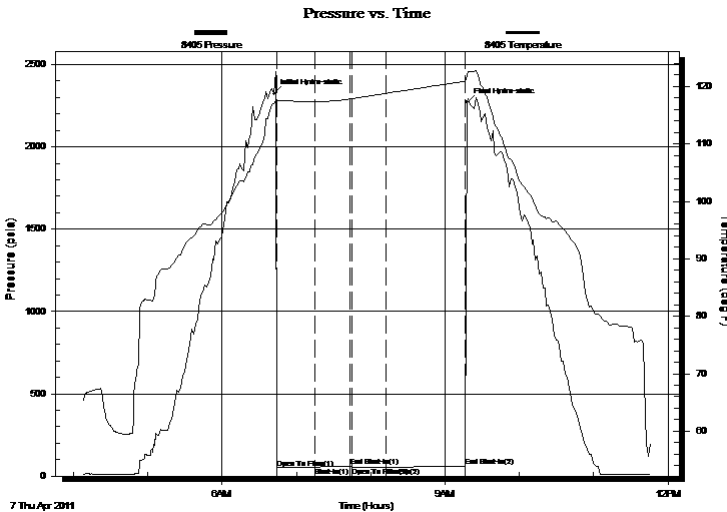
Serial #: 8405

Inside

Press @ Run Depth: 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 Btm: 2011.04.07 @ 06:42:00
 Time Off Btm: 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

Gas Rates

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

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: 15984 **DST#: 2**
 Test Start: 2011.04.07 @ 04:08:00

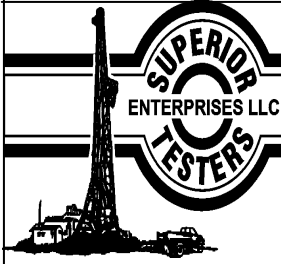
Tool Information

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
Total Tool Length:	66.00				



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: 15984

DST#: 2

ATTN: Scott Alberg

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:

bbbl

Water Loss: 10.80 in³

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

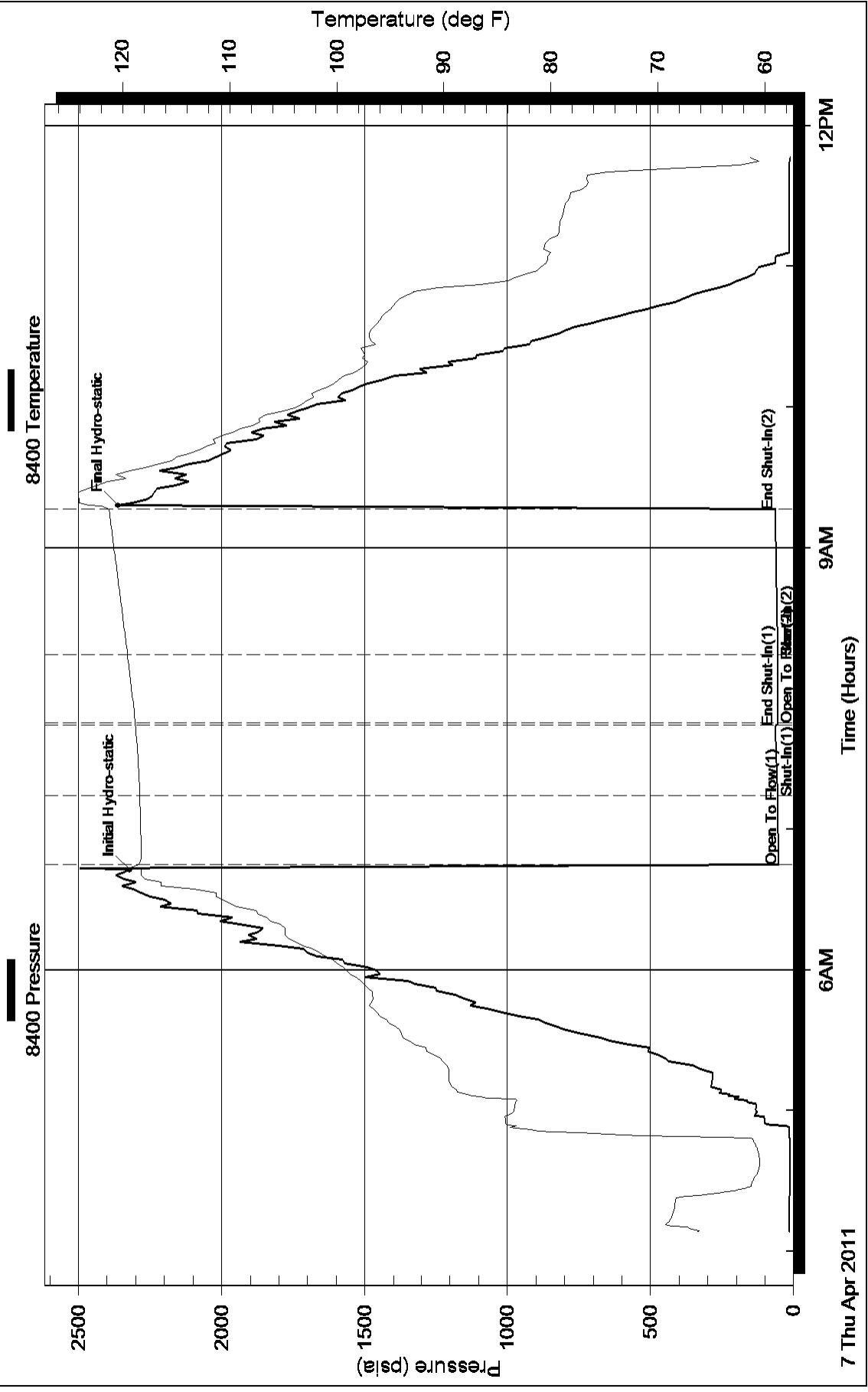
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 8405

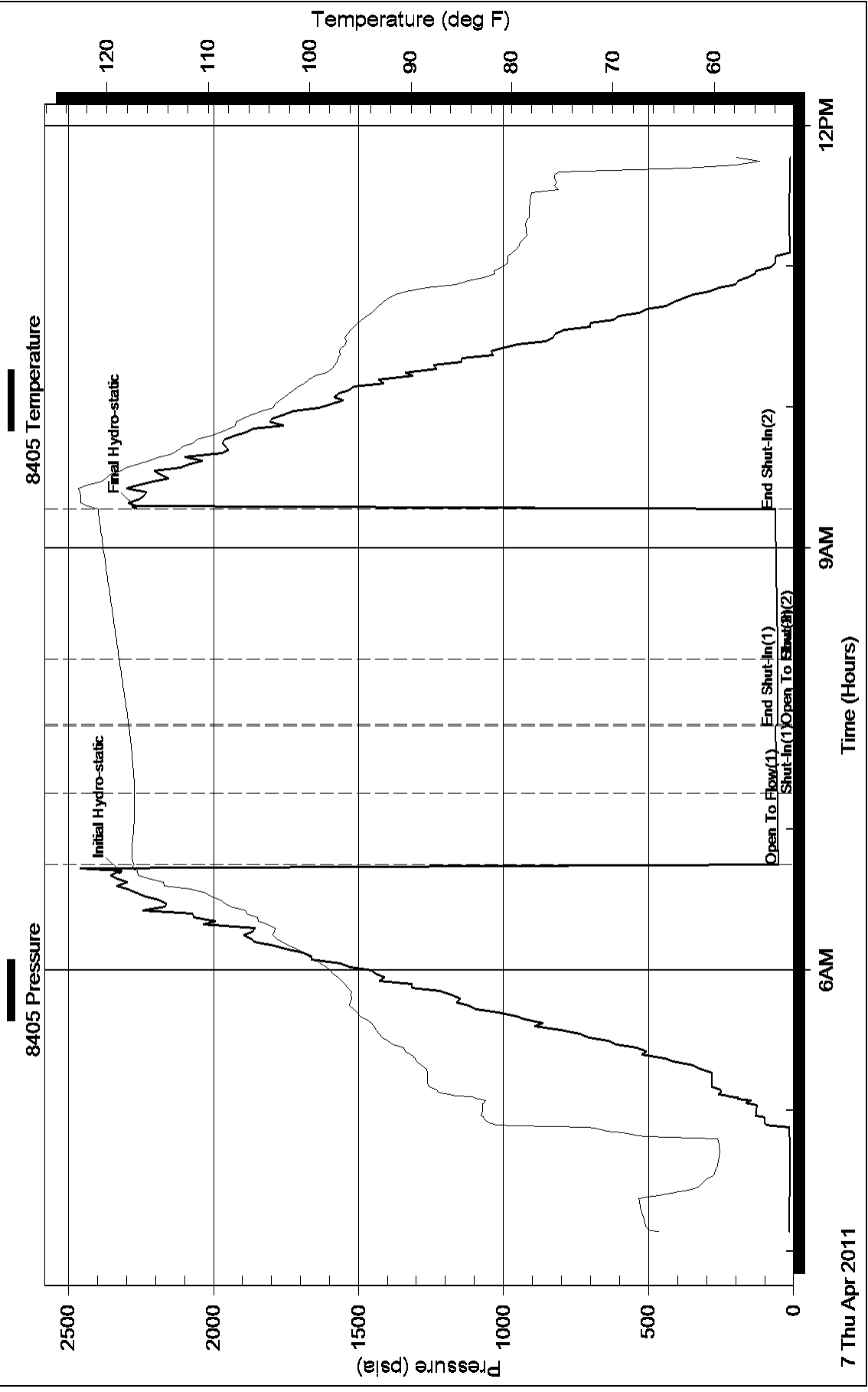
Inside

L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 2

Pressure vs. Time





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



DRILL STEM TEST REPORT

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

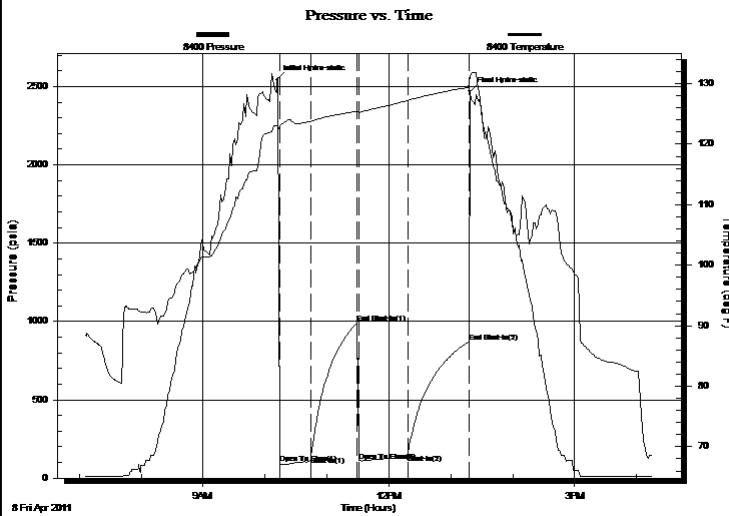
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15985 **DST#: 3**
 Test Start: 2011.04.08 @ 07:06:00

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 #: 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

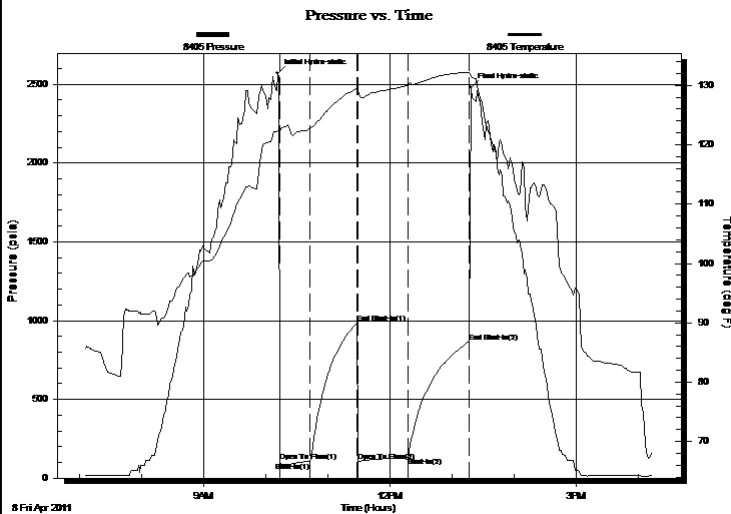
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15985 **DST#: 3**
 Test Start: 2011.04.08 @ 07:06:00

GENERAL INFORMATION:

Formation: **Viola Zone**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:14:30 Tester: Dylan E Ellis
 Time Test Ended: 16:15:30 Unit No: 3345/Pratt/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 #: 8405 Inside
 Press @ Run Depth: 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 (Min.)	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
			<u>Total Volume: 66.75 bbl</u>	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.

Lakin # 14

2135 2nd Road Holyrood
Kansas 67450+9021

14/32S/15W Barber

Job Ticket: 15985

DST#: 3

ATTN: Scott Alberg

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:

bbbl

Water Loss: 10.80 in³

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

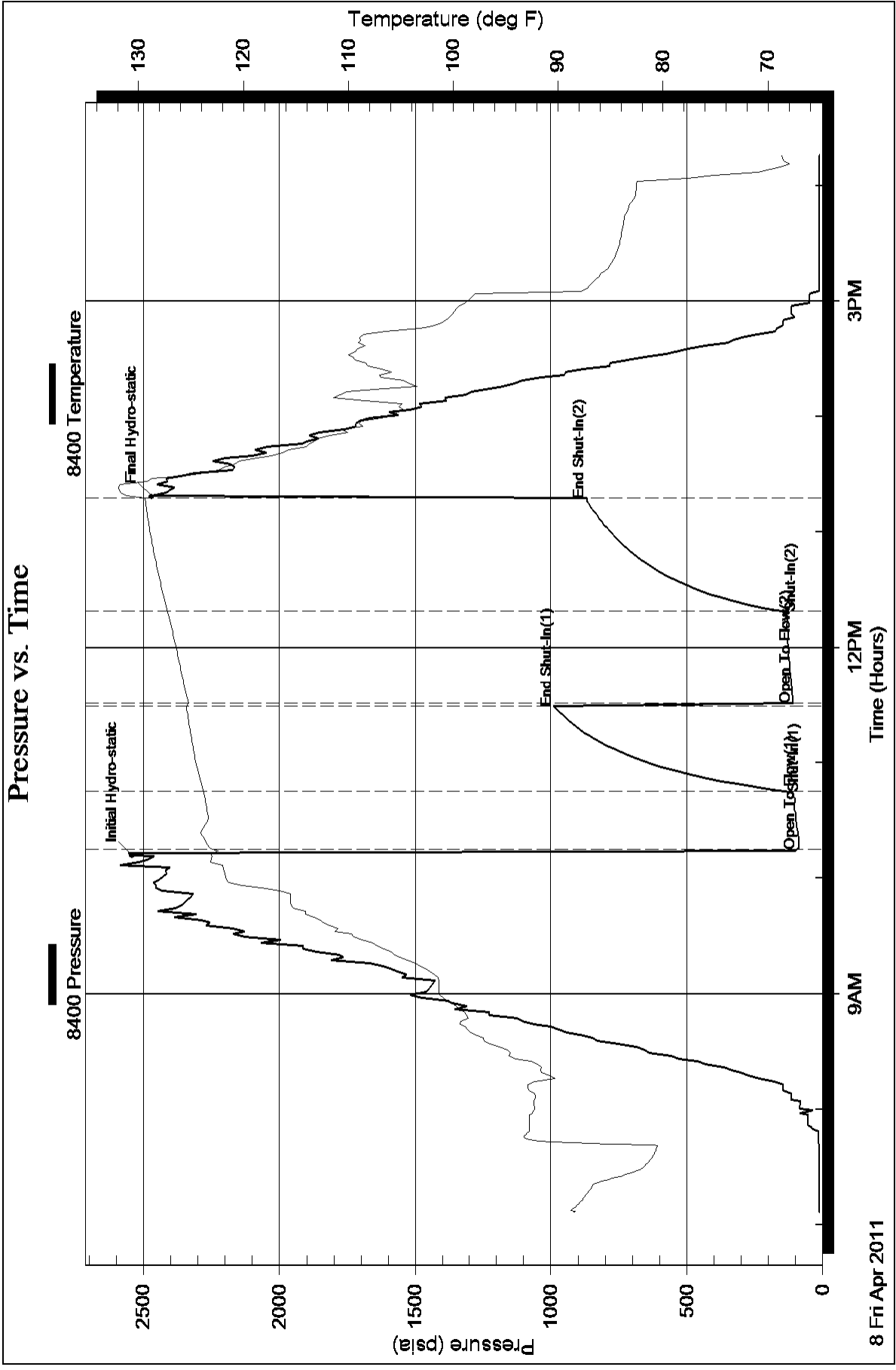
Serial #:

Laboratory Name:

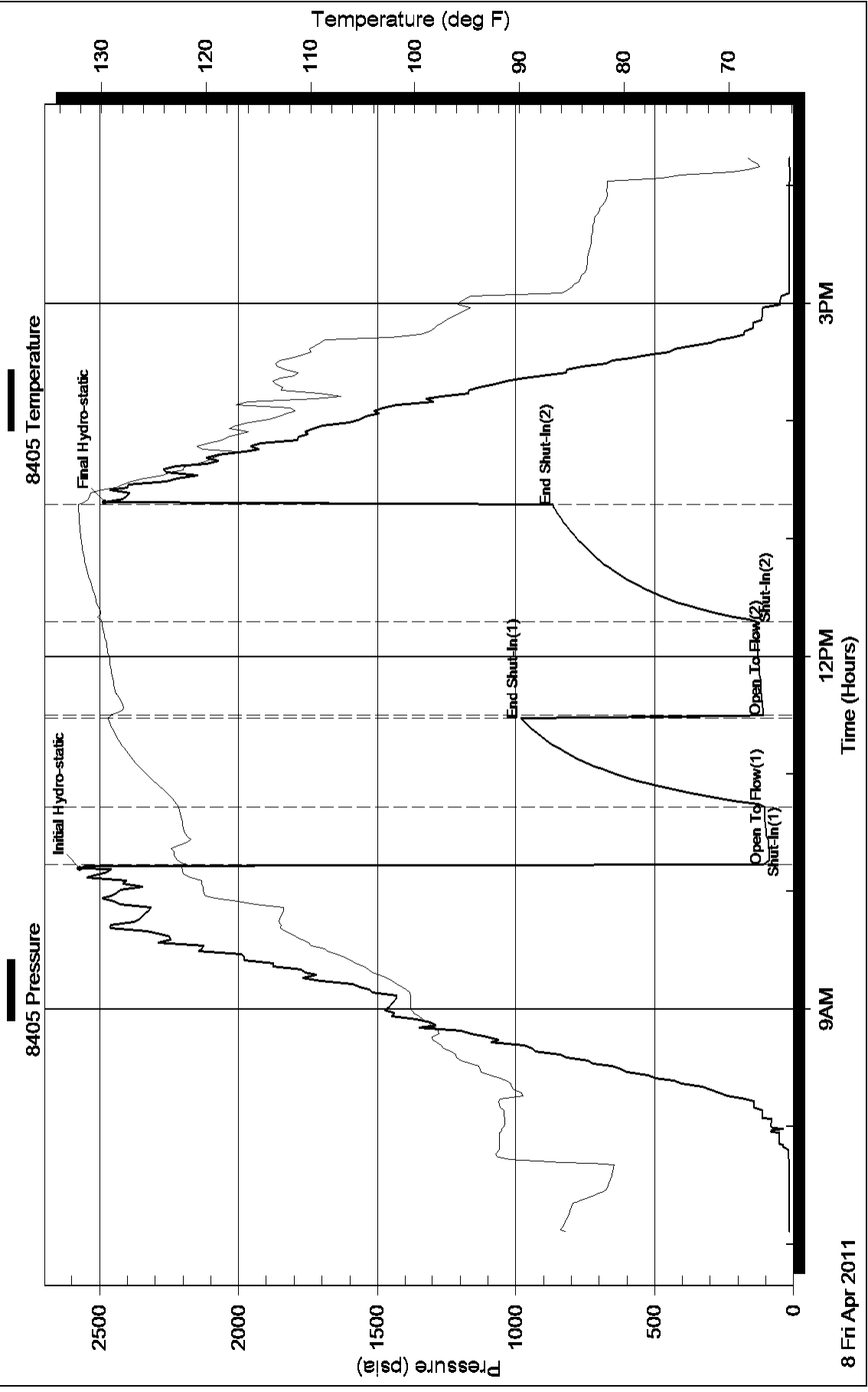
Laboratory Location:

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.

Pressure vs. Time



Pressure vs. Time





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



DRILL STEM TEST REPORT

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

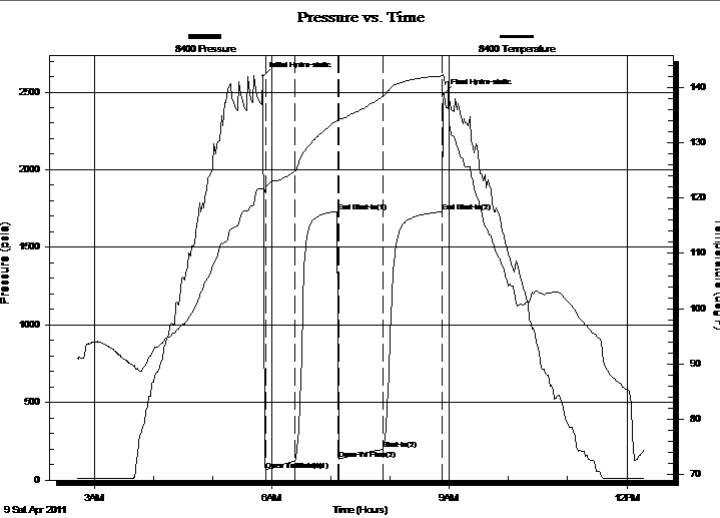
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15986 **DST#: 4**
 Test Start: 2011.04.09 @ 02:43:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:54:00 Tester: Dylan E Ellis
 Time Test Ended: 12:18:00 Unit No: 3345/Pratt/124
 Interval: **4951.00 ft (KB) To 4975.00 ft (KB) (TVD)** Reference Elevations: 1979.00 ft (KB)
 Total Depth: 4975.00 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 @ Run Depth: 198.18 psia @ 4972.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.09 End Date: 2011.04.09 Last Calib.: 2011.04.10
 Start Time: 02:43:00 End Time: 12:18:00 Time On Btm: 2011.04.09 @ 05:51:00
 Time Off Btm: 2011.04.09 @ 08:54:30

TEST COMMENT: 1ST Opening 30 Minutes good blow /blow blew to bottom of bucket in 2 minutes
 1ST Shut-In 45 Minutes yes blow back measured 1.50 inches
 2ND Opening 45 Minutes good blow /blow blew to bottom of bucket in 4 minutes
 2ND Shut-in 60 Minutes yes blow back measured 1.75 inches



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2600.60	121.76	Initial Hydro-static
3	66.48	121.93	Open To Flow (1)
33	121.66	124.91	Shut-In(1)
76	1731.56	134.02	End Shut-In(1)
77	132.79	134.29	Open To Flow (2)
122	198.18	138.32	Shut-In(2)
182	1728.78	142.05	End Shut-In(2)
184	2489.55	141.86	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
110.00	Slightly Oil cut Gassy Mud trace Water	0.54
60.00	Oil cut Watery Mud	0.30
0.00	Mud 30% Water 60% Oil 10%	0.00
180.00	Slightly Oil cut Muddy Water	2.35
0.00	Oil 5% Mud 15% Water 80%	0.00
0.00	Resistivity w as .10 @ 69 degrees	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

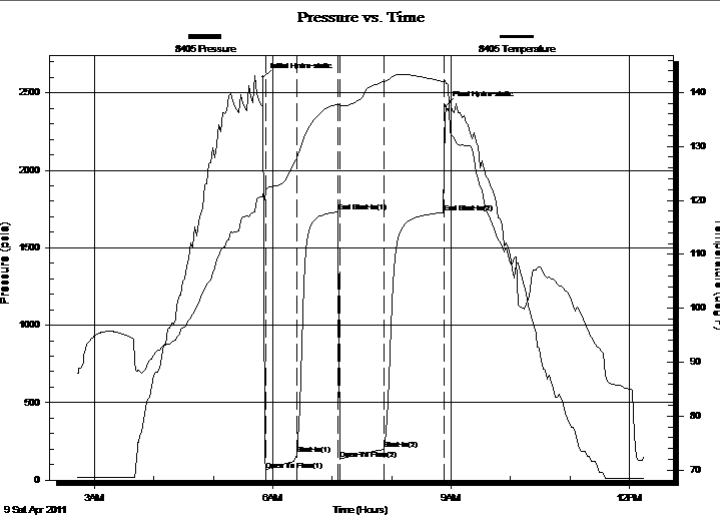
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15986 **DST#: 4**
 Test Start: 2011.04.09 @ 02:43:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:54:00
 Time Test Ended: 12:18:00
 Interval: **4951.00 ft (KB) To 4975.00 ft (KB) (TVD)**
 Total Depth: 4975.00 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: 1726.77 psia @ 4971.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.09 End Date: 2011.04.09 Last Calib.: 2011.04.10
 Start Time: 02:43:00 End Time: 12:17:00 Time On Btm: 2011.04.09 @ 05:50:30
 Time Off Btm: 2011.04.09 @ 08:55:00

TEST COMMENT: 1ST Opening 30 Minutes good blow /blow blew to bottom of bucket in 2 minutes
 1ST Shut-In 45 Minutes yes blow back measured 1.50 inches
 2ND Opening 45 Minutes good blow /blow blew to bottom of bucket in 4 minutes
 2ND Shut-in 60 Minutes yes blow back measured 1.75 inches



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2599.70	121.14	Initial Hydro-static
3	65.92	121.78	Open To Flow (1)
34	169.10	127.72	Shut-In(1)
76	1730.39	137.84	End Shut-In(1)
77	134.60	137.49	Open To Flow (2)
122	198.44	142.03	Shut-In(2)
182	1726.77	142.01	End Shut-In(2)
185	2416.38	141.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
110.00	Slightly Oil cut Gassy Mud trace Water	0.54
60.00	Oil cut Watery Mud	0.30
0.00	Mud 30% Water 60% Oil 10%	0.00
180.00	Slightly Oil cut Muddy Water	2.35
0.00	Oil 5% Mud 15% Water 80%	0.00
0.00	Resistivity w as .10 @ 69 degrees	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: 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
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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
Total Tool Length:	52.00				



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 in³
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: deg API
Water Salinity: 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	Slightly Oil cut Muddy Water	2.352
0.00	Oil 5% Mud 15% Water 80%	0.000
0.00	Resistivity was .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

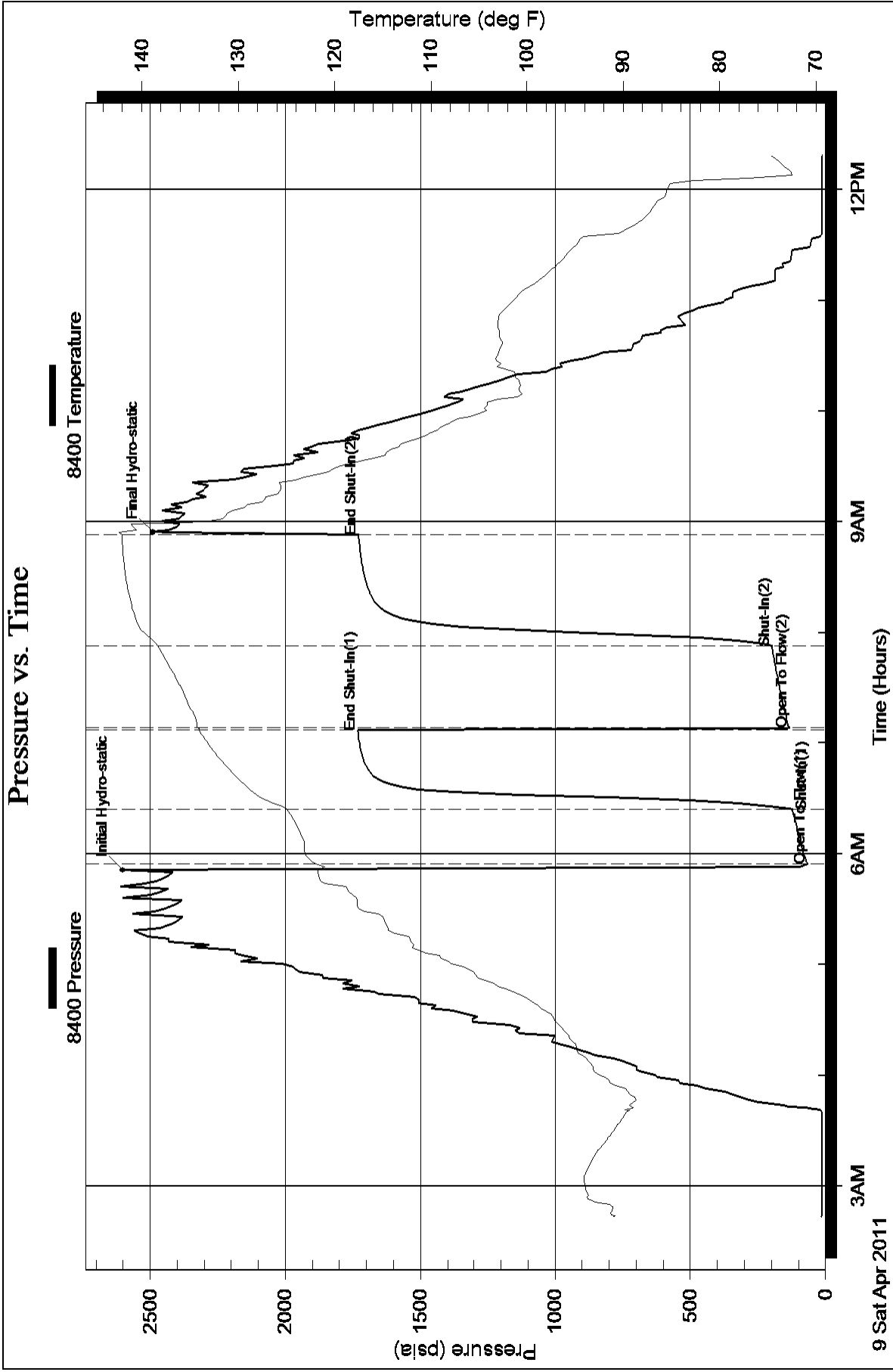
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8405

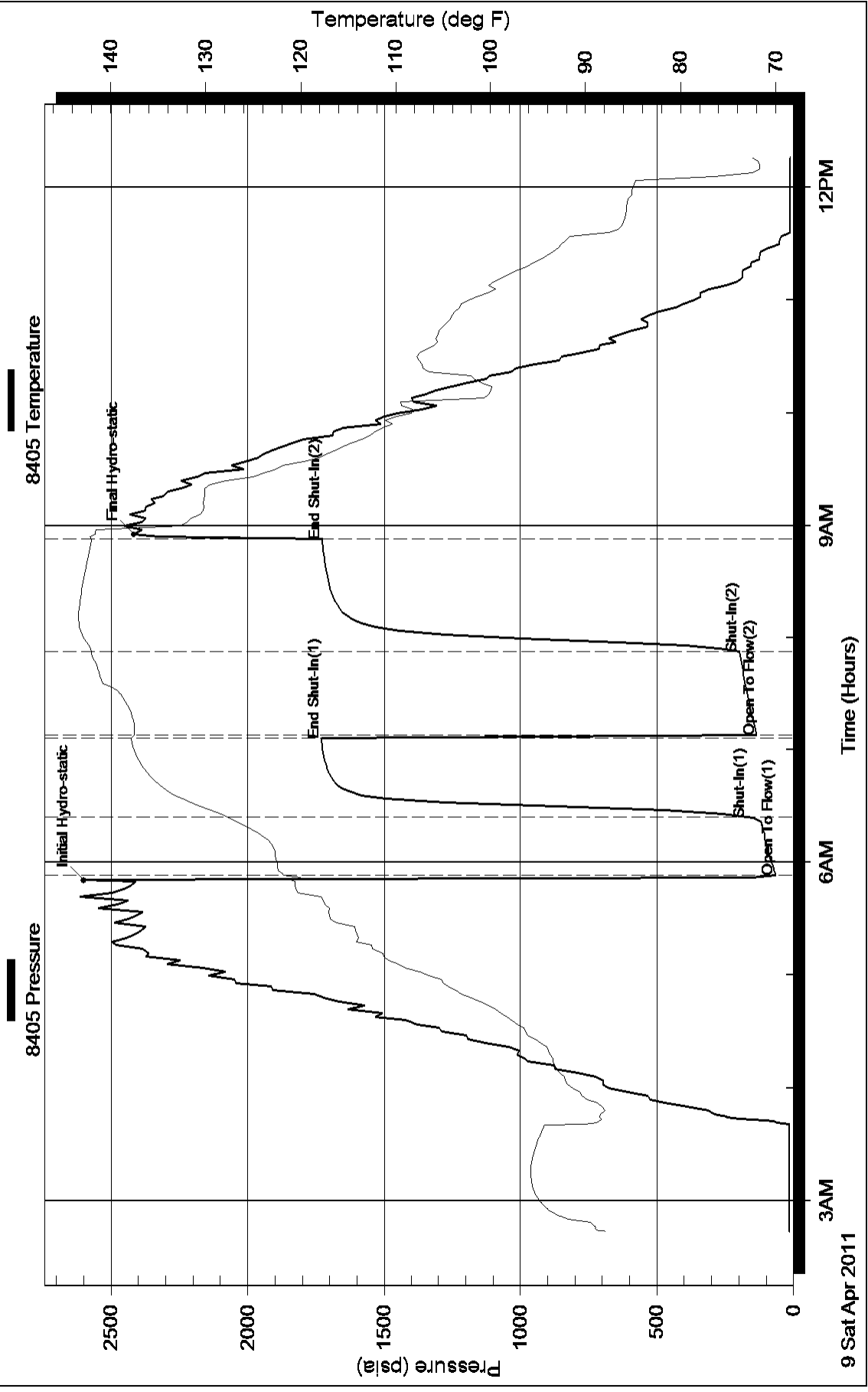
Inside

L B Exploration Inc.

14/32S/15W Barber

DST Test Number: 4

Pressure vs. Time





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



DRILL STEM TEST REPORT

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

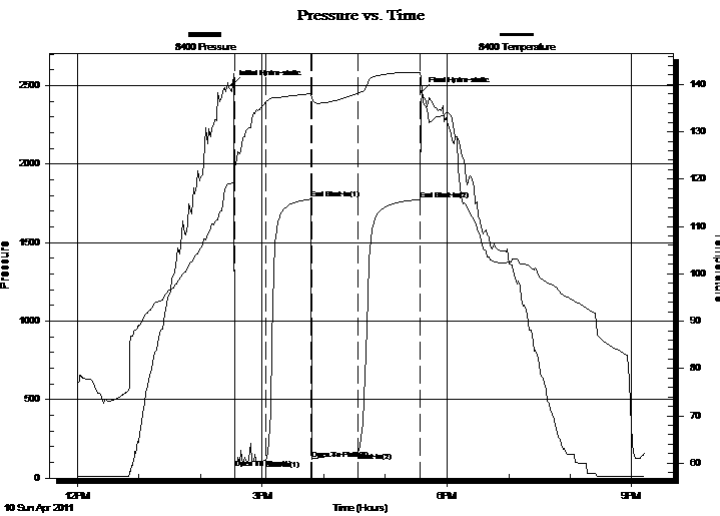
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15987 **DST#: 5**
 Test Start: 2011.04.10 @ 12:00:00

GENERAL INFORMATION:

Formation: **Simpsn Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:33:00
 Time Test Ended: 21:13:00
 Interval: **5025.00 ft (KB) To 5045.00 ft (KB) (TVD)**
 Total Depth: 5045.00 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: 164.83 psia @ 5042.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.10 End Date: 2011.04.10 Last Calib.: 2011.04.10
 Start Time: 12:00:00 End Time: 21:13:00 Time On Btm: 2011.04.10 @ 14:31:00
 Time Off Btm: 2011.04.10 @ 17:35:30

TEST COMMENT: 1ST Opening 30 minutes weak but building blow /blow blew 6 inches into bucket of water
 1ST Shut-In 45 minutes no blow back
 2ND Opening 45 minutes weak but building blow /blow blew 4.50 inches into bucket of water
 2ND Shut-In 60 minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2504.55	119.29	Initial Hydro-static
2	63.43	120.89	Open To Flow (1)
32	112.62	136.29	Shut-In(1)
77	1777.75	138.01	End Shut-In(1)
78	120.86	137.14	Open To Flow (2)
122	164.83	138.07	Shut-In(2)
183	1775.65	142.54	End Shut-In(2)
185	2461.10	138.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slightly Oil spotted Mud-100%	0.15
120.00	Water cut Mud with Oil specks	0.59
0.00	30% Water 70% Mud	0.00
120.00	Mud cut Water	1.33
0.00	5% Mud 95% Water	0.00
0.00	60 Gas in the pipe	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

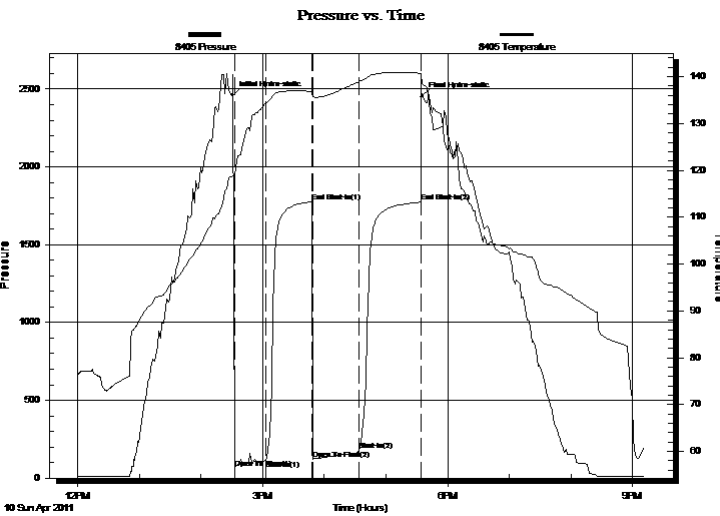
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15987 **DST#: 5**
 Test Start: 2011.04.10 @ 12:00:00

GENERAL INFORMATION:

Formation: **Simpsn Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:33:00 Tester: Dylan E Ellis
 Time Test Ended: 21:13:00 Unit No: 3345/Pratt/124
 Interval: **5025.00 ft (KB) To 5045.00 ft (KB) (TVD)** Reference Elevations: 1979.00 ft (KB)
 Total Depth: 5045.00 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: 1773.87 psia @ 5041.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.10 End Date: 2011.04.10 Last Calib.: 2011.04.10
 Start Time: 12:00:00 End Time: 21:12:30 Time On Btm: 2011.04.10 @ 14:30:30
 Time Off Btm: 2011.04.10 @ 17:34:30

TEST COMMENT: 1ST Opening 30 minutes weak but building blow /blow blew 6 inches into bucket of water
 1ST Shut-In 45 minutes no blow back
 2ND Opening 45 minutes weak but building blow /blow blew 4.50 inches into bucket of water
 2ND Shut-In 60 minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2459.41	118.77	Initial Hydro-static
2	59.78	118.59	Open To Flow (1)
33	112.09	134.28	Shut-In(1)
77	1775.99	136.86	End Shut-In(1)
78	119.79	135.94	Open To Flow (2)
124	178.98	138.94	Shut-In(2)
184	1773.87	140.72	End Shut-In(2)
184	2449.11	140.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slightly Oil spotted Mud-100%	0.15
120.00	Water cut Mud with Oil specks	0.59
0.00	30% Water 70% Mud	0.00
120.00	Mud cut Water	1.33
0.00	5% Mud 95% Water	0.00
0.00	60 Gas in the pipe	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: 15987 **DST#: 5**
 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
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
Total Tool Length:	48.00				



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
Mud Weight: 10.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 11.20 in³
Resistivity: ohm.m
Salinity: 7800.00 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

Recovery Information

Recovery Table

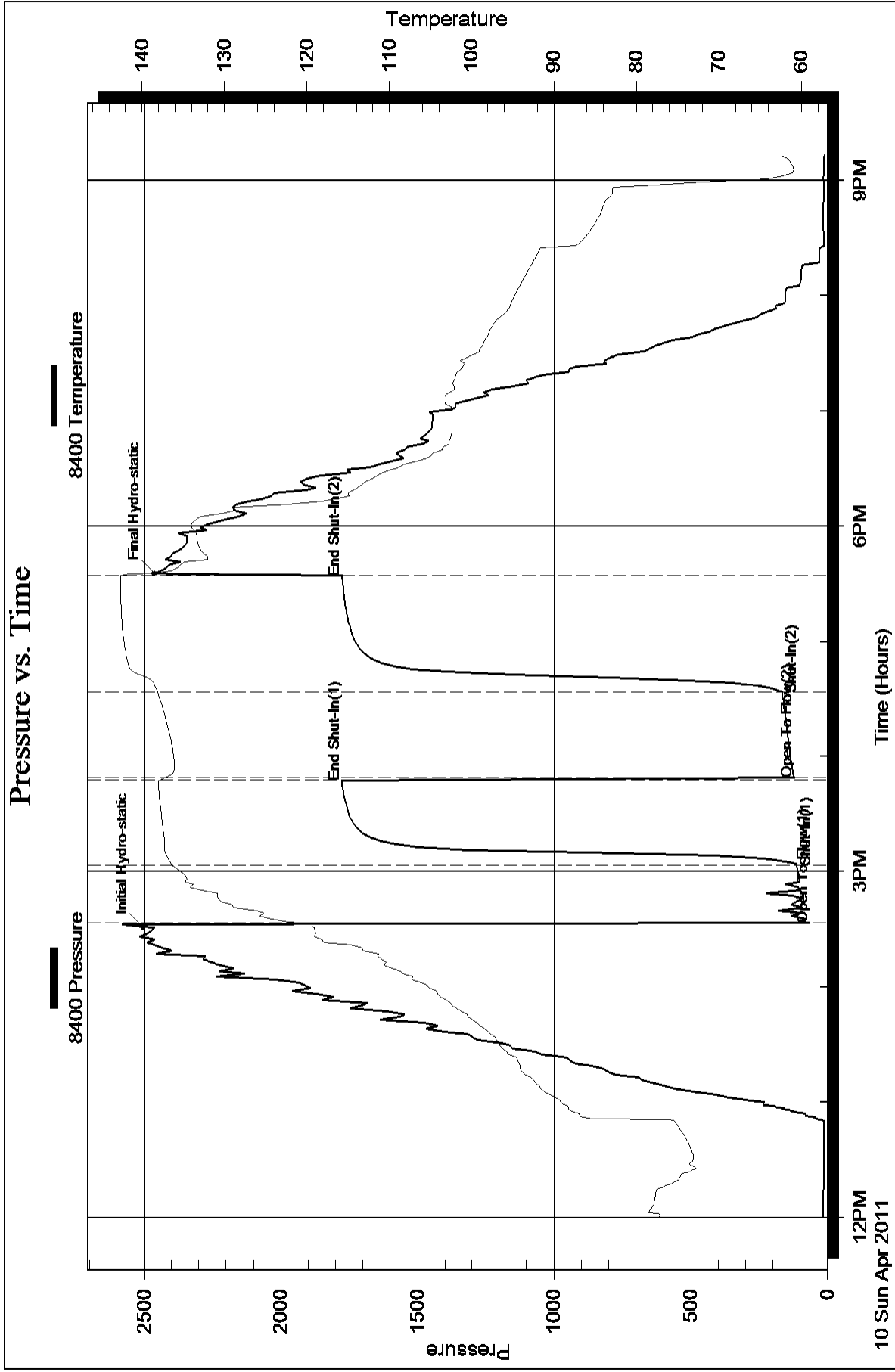
Length ft	Description	Volume bbl
30.00	Slightly Oil spotted Mud-100%	0.148
120.00	Water cut Mud with Oil specks	0.590
0.00	30% Water 70% Mud	0.000
120.00	Mud cut Water	1.328
0.00	5% Mud 95% Water	0.000
0.00	60 Gas in the pipe	0.000
0.00	Chlorides were 47,000.0	0.000
0.00	Resistivity was .10 @ 67 degrees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

Total Length: 270.00 ft Total Volume: 2.066 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Thank You for the Work! Dylan E



Pressure vs. Time

