



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1191944
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1191944

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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QUALITY WELL SERVICE, INC.

5929

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	7-21-13	Sec.	27	Twp.	16	Range	14	County	Barton	State	Ks	On Location		Finish	11:45
Lease	Eveleigh		Well No.	27-1		Location 281 + 4 Hwy 6 N 1/2 W Ninto									
Contractor	Ninnesah Drilling					Owner									
Type Job	Surface					To Quality Well Service, 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.												
Csg.	8 5/8		Depth	944.41											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Meas Line			Displace	57.45		Charge To LB Exploration									
EQUIPMENT										Street					
										City					
										State					
										The above was done to satisfaction and supervision of owner agent or contractor.					
										Cement Amount Ordered 400sx Common.					
										2% Gel 3% CC 1/4 C.F.					
Pumptrk	8	No.	Dave		Common 400										
Bulktrk	7	No.	Mik		Poz. Mix										
Bulktrk		No.			Gel. 8										
Pickup		No.			Calcium 14										
JOB SERVICES & REMARKS										Hulls					
Rat Hole										Salt					
Mouse Hole										Flowseal 100#					
Centralizers										Kol-Seal					
Baskets										Mud CLR 48					
D/V or Port Collar										CFL-117 or CD110 CAF 38					
										Sand					
Ran 22 jts 8 5/8 csg.										Handling 422					
										Mileage 15					
Established circulation with Mud pump										FLOAT EQUIPMENT					
										Guide Shoe					
Mixed and pumped 400sx Common										Centralizer					
2% Gel 3% CC 1/4 C.F. Displaced										Baskets					
with 57.5 hbbls H% Shut in										AFU Inserts					
										Float Shoe					
										Latch Down					
Cement circulate to surface										8 5/8 Wooden Plug					
										8 5/8 Baffle plate					
										Pumptrk Charge Surface					
										Mileage 15					
										Tax					
										Discount					
X Signature Richard P. Baugher										Total Charge					

QUALITY WELL SERVICE, INC.

5930

Federal Tax I.D. # 481187368

Office

Home Office 324 Simpson St., Pratt, KS 67124

Cell 620-727-3410

Office / Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	7-29-13	Sec.	27	Twp.	16	Range	14	County	Russell	State	Ks	On Location	1:30 PM	Finish	9:15 AM
Lease	EVELEIGH		Well No.	27-1		Location 231 E 4 Jct 6 N 1/2 W									
Contractor	MINNESOTA Oils							Owner Nint.							
Type Job	5 1/2 Longstairing							To Quality Well Service, 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	7 7/8		T.D.	3530											
Csg.	5 1/2 14"		Depth	3529											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint	21.04											
Meas Line			Displace	35.6 Bbl											
				The above was done to satisfaction and supervision of owner agent or contractor.											
				Cement Amount Ordered											

EQUIPMENT

Pumptrk	No.	9	Brand	Common	30
Bulktrk	No.	9	MIKE	Poz. Mix	22
Bulktrk	No.			Gel. Proc	150
Pickup	No.		TOPCO	Calcium	

JOB SERVICES & REMARKS

Rat Hole	Hulls
Mouse Hole	Salt 16
Centralizers	Flowseal
Baskets	Kol-Seal 750 #
D/V or Port Collar	Mud CLR 48 500 gpl
Run 83 ft's 5 1/2 14" csg	CFL-117 or CD110 CAF 38
SET @ 3529	Sand
1 ft = 21.04 Float shoe LD Baffle	Handling 216
Hook up to csg Break Circ w/vals	Mileage 15
Circ 1 hr	5 1/2 FLOAT EQUIPMENT
Pump 3 Bbls H2o	Guide Shoe
Pump 12 Bbls MFLush	Centralizer 10 EA
Pump 3 Bbls H2o	Baskets
Plug R-M HOLES 50%	AFU Inserts
Mix & Pump 150 sz Proc 14.8 g/gal	Float Shoe 1 EA
SHUT down Release L.O Plug	Latch Down 1 EA
wash up tool & Lines	LMV 15
85.6 Disp Bbl total	Pumptrk Charge Longstairing
Plug down @ 7.45 1300 #	Mileage 15
Release & Help	
Thanks from David Mike & Brock	
PLEASE CALL AGAIN	

Tax
Discount
Total Charge

X Signature *[Signature]*



DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

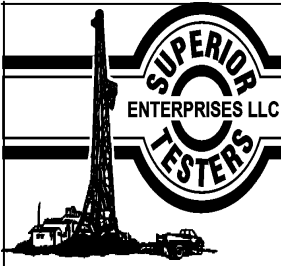
Start Date: 2013.07.24 @ 12:40:00

End Date: 2013.07.24 @ 19:09:30

Job Ticket #: 17013 DST #: 1

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

Printed: 2013.07.24 @ 19:24:55



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17013 **DST#: 1**
 Test Start: 2013.07.24 @ 12:40:00

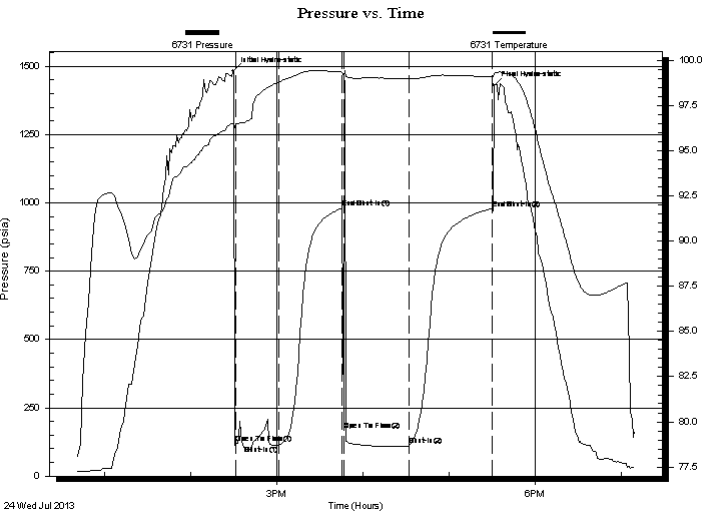
GENERAL INFORMATION:

Formation: **Toepka**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:31:30 Tester: Jared Scheck
 Time Test Ended: 19:09:30 Unit No: 3320--Great Bend
Interval: 3030.00 ft (KB) To 3070.00 ft (KB) (TVD) Reference Elevations: 1968.00 ft (KB)
 Total Depth: 3070.00 ft (KB) (TVD) 1958.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 111.48 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24
 Start Time: 12:40:00 End Time: 19:09:30 Time On Btm: 2013.07.24 @ 14:30:00
 Time Off Btm: 2013.07.24 @ 17:31:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 10 minutes tool chased 10 feet
 1st Shut-in 45 Minutes-Very weak
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 4 1/2 minutes
 2nd Shut-in 60 Minutes-5 inch blow back



PRESSURE SUMMARY

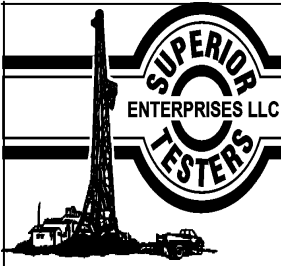
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1482.06	96.53	Initial Hydro-static
2	118.87	96.43	Open To Flow (1)
32	111.92	98.80	Shut-In(1)
76	980.90	99.34	End Shut-In(1)
77	168.56	99.14	Open To Flow (2)
122	111.48	98.99	Shut-In(2)
180	978.81	99.09	End Shut-In(2)
182	1429.57	99.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	gas oil cut mud10%gas 30%oil 60%mud	1.82
0.00	710 feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17013 **DST#: 1**
 Test Start: 2013.07.24 @ 12:40:00

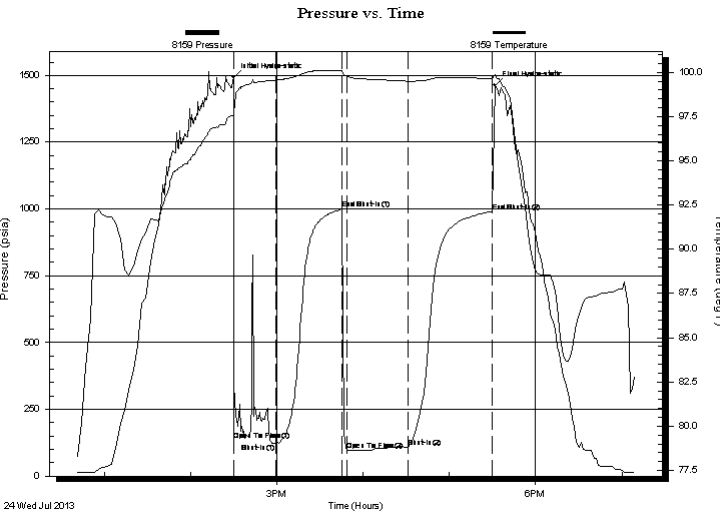
GENERAL INFORMATION:

Formation: **Toepka**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:31:30 Tester: Jared Scheck
 Time Test Ended: 19:09:30 Unit No: 3320--Great Bend
Interval: 3030.00 ft (KB) To 3070.00 ft (KB) (TVD) Reference Elevations: 1968.00 ft (KB)
 Total Depth: 3070.00 ft (KB) (TVD) 1958.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 991.02 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24
 Start Time: 12:40:00 End Time: 19:10:00 Time On Btm: 2013.07.24 @ 14:29:40
 Time Off Btm: 2013.07.24 @ 17:31:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 10 minutes tool chased 10 feet
 1st Shut-in 45 Minutes-Very weak
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 4 1/2 minutes
 2nd Shut-in 60 Minutes-5 inch blow back



PRESSURE SUMMARY

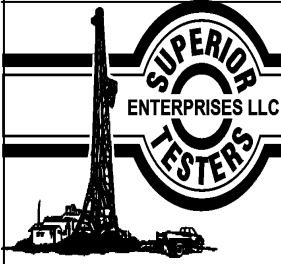
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1492.29	97.59	Initial Hydro-static
1	135.89	96.98	Open To Flow (1)
30	123.12	99.55	Shut-In(1)
76	999.80	100.07	End Shut-In(1)
80	96.50	99.76	Open To Flow (2)
122	107.89	99.50	Shut-In(2)
181	991.02	99.64	End Shut-In(2)
182	1463.68	99.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	gas oil cut mud10%gas 30%oil 60%mud	1.82
0.00	710 feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17013 **DST#: 1**
 Test Start: 2013.07.24 @ 12:40:00

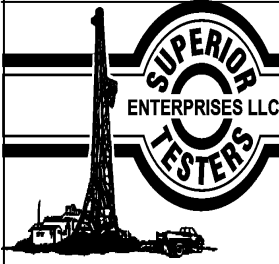
Tool Information

Drill Pipe:	Length: 3038.00 ft	Diameter: 3.80 inches	Volume: 42.62 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 42.62 bbl</u>	Tool Chased	10.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3030.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	60.00 ft				
Number of Packers:	2	Diameter: 675.00 inches			

Tool Comments: tool chsd 10 feet to bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3015.00	
Hydraulic Tool	5.00			3020.00	
Packer	5.00			3025.00	20.00 Bottom Of Top Packer
Packer	5.00			3030.00	
Anchor	35.00			3065.00	
Recorder	1.00	6731	Inside	3066.00	
Recorder	1.00	8159	Outside	3067.00	
Bullnose	3.00			3070.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration

27-16-14 Barton

2135 2nd Rd Holyrood KS 67450 + 9021

Eveleigh 27#1

Job Ticket: 17013

DST#: 1

ATTN: Steven Peterman

Test Start: 2013.07.24 @ 12:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	gas oil cut mud10%gas 30%oil 60%mud	1.824
0.00	710 feet gas in pipe	0.000

Total Length: 130.00 ft Total Volume: 1.824 bbl

Num Fluid Samples: 0

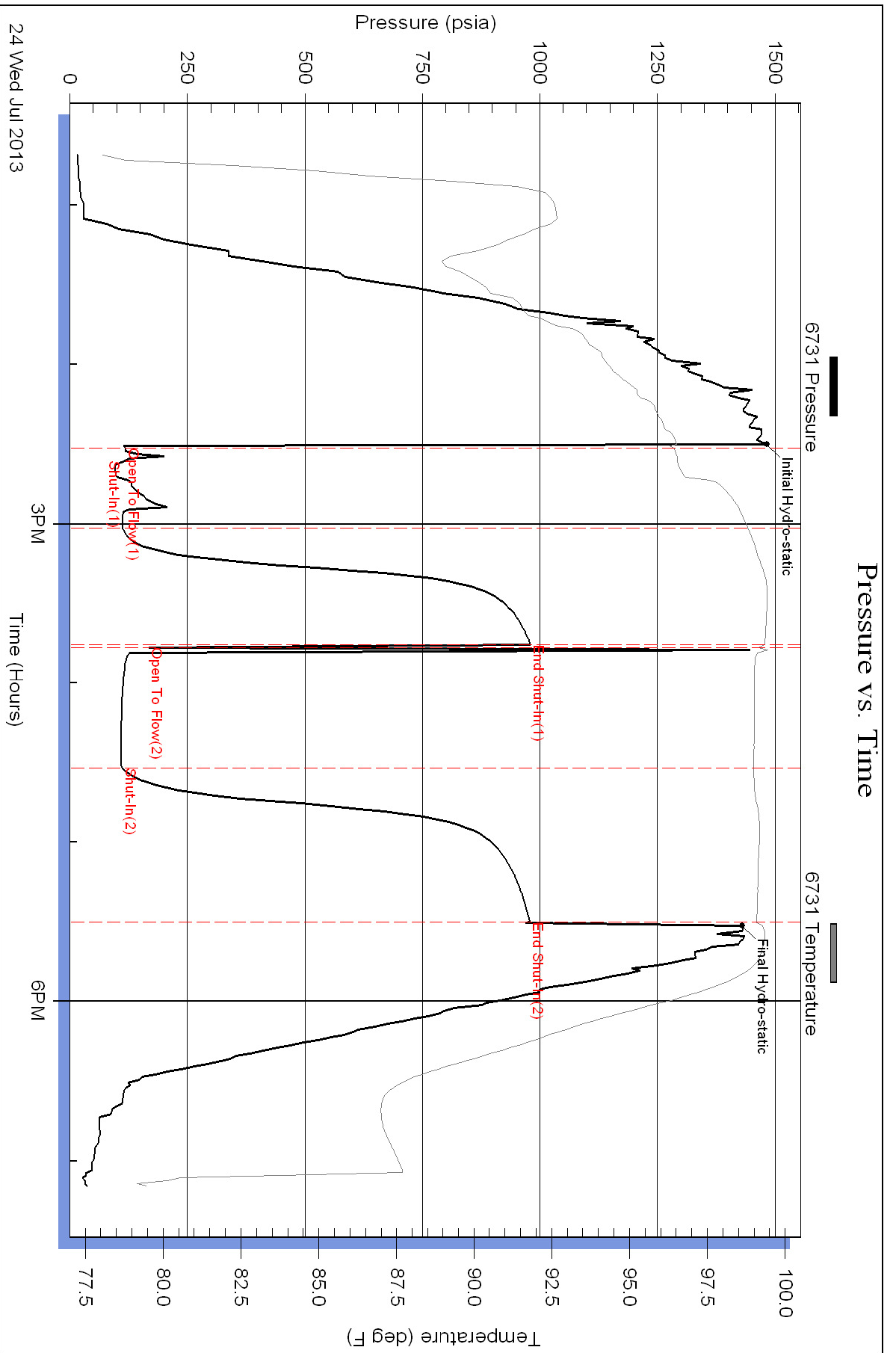
Num Gas Bombs: 0

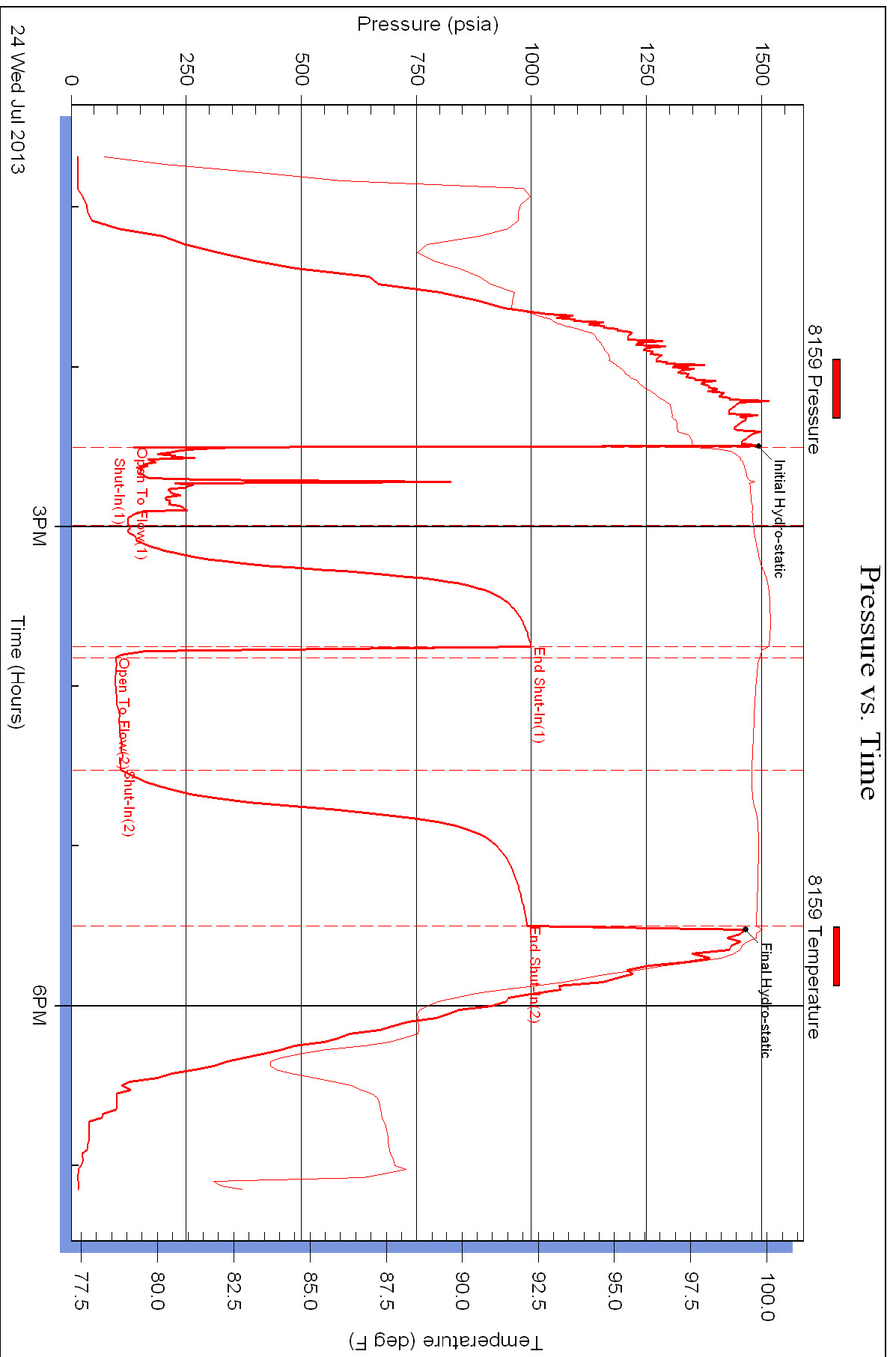
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

Start Date: 2013.07.25 @ 04:35:00

End Date: 2013.07.25 @ 12:17:30

Job Ticket #: 17014 DST #: 2

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

Printed: 2013.07.25 @ 12:29:33



DRILL STEM TEST REPORT

L B Exploration

27-16-14 Barton

2135 2nd Rd Holyrood KS 67450 + 9021

Eveleigh 27#1

Job Ticket: 17014

DST#: 2

ATTN: Steven Peterman

Test Start: 2013.07.25 @ 04:35:00

GENERAL INFORMATION:

Formation: **Teronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:00:30

Time Test Ended: 12:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-

Interval: 3115.00 ft (KB) To 3140.00 ft (KB) (TVD)

Reference Elevations: 1968.00 ft (KB)

Total Depth: 3140.00 ft (KB) (TVD)

1958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 59.68 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.25

End Date: 2013.07.25

Last Calib.: 2013.07.25

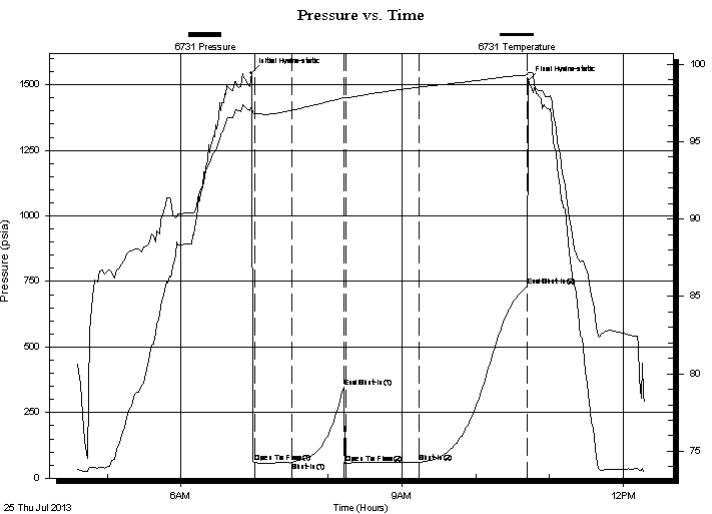
Start Time: 04:35:00

End Time: 12:17:30

Time On Btm: 2013.07.25 @ 06:57:30

Time Off Btm: 2013.07.25 @ 10:43:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 3 inches into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 60 nMinutes-Fair blow built 6 1/2 inches into bucket in 60 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

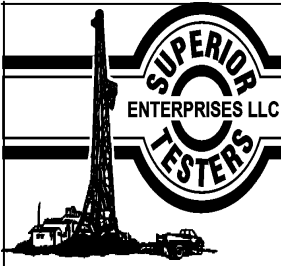
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1545.10	97.27	Initial Hydro-static
3	58.99	96.79	Open To Flow (1)
33	60.44	97.02	Shut-In(1)
75	346.80	97.85	End Shut-In(1)
77	55.24	97.81	Open To Flow (2)
136	59.68	98.51	Shut-In(2)
225	732.66	99.31	End Shut-In(2)
226	1517.22	99.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gas oil cut mud 5%gas 10%oil 85%mud	0.42
0.00	30 feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17014 **DST#: 2**
 Test Start: 2013.07.25 @ 04:35:00

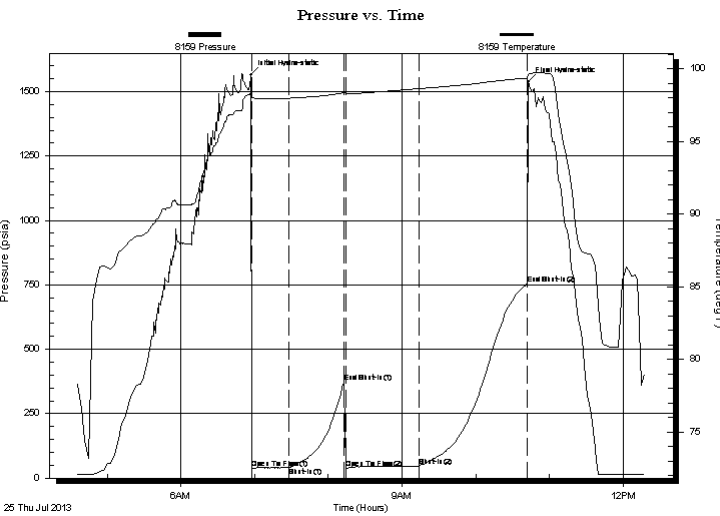
GENERAL INFORMATION:

Formation: **Teronto**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:00:30 Tester: Jared Scheck
 Time Test Ended: 12:17:30 Unit No: 3320-Great Bend-
 Interval: **3115.00 ft (KB) To 3140.00 ft (KB) (TVD)** Reference Elevations: 1968.00 ft (KB)
 Total Depth: 3140.00 ft (KB) (TVD) 1958.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 754.06 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.25 End Date: 2013.07.25 Last Calib.: 2013.07.25
 Start Time: 04:35:00 End Time: 12:18:00 Time On Btm: 2013.07.25 @ 06:57:10
 Time Off Btm: 2013.07.25 @ 10:43:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 3 inches into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 60 nMinutes-Fair blow built 6 1/2 inches into bucket in 60 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

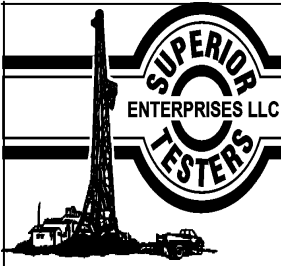
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1565.53	98.44	Initial Hydro-static
1	37.37	98.03	Open To Flow (1)
31	41.18	97.96	Shut-In(1)
76	372.46	98.33	End Shut-In(1)
77	38.36	98.25	Open To Flow (2)
137	47.67	98.61	Shut-In(2)
225	754.06	99.34	End Shut-In(2)
226	1538.35	99.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gas oil cut mud 5%gas 10%oil 85%mud	0.42
0.00	30 feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17014 **DST#: 2**
 Test Start: 2013.07.25 @ 04:35:00

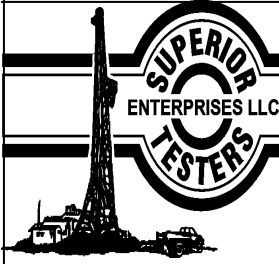
Tool Information

Drill Pipe:	Length: 3115.00 ft	Diameter: 3.80 inches	Volume: 43.70 bbl	Tool Weight:	1000.00 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: 43.70 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3115.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 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			3100.00	
Hydraulic Tool	5.00			3105.00	
Packer	5.00			3110.00	20.00 Bottom Of Top Packer
Packer	5.00			3115.00	
Anchor	20.00			3135.00	
Recorder	1.00	6731	Inside	3136.00	
Recorder	1.00	8159	Outside	3137.00	
Bullnose	3.00			3140.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17014 **DST#: 2**
 Test Start: 2013.07.25 @ 04:35:00

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

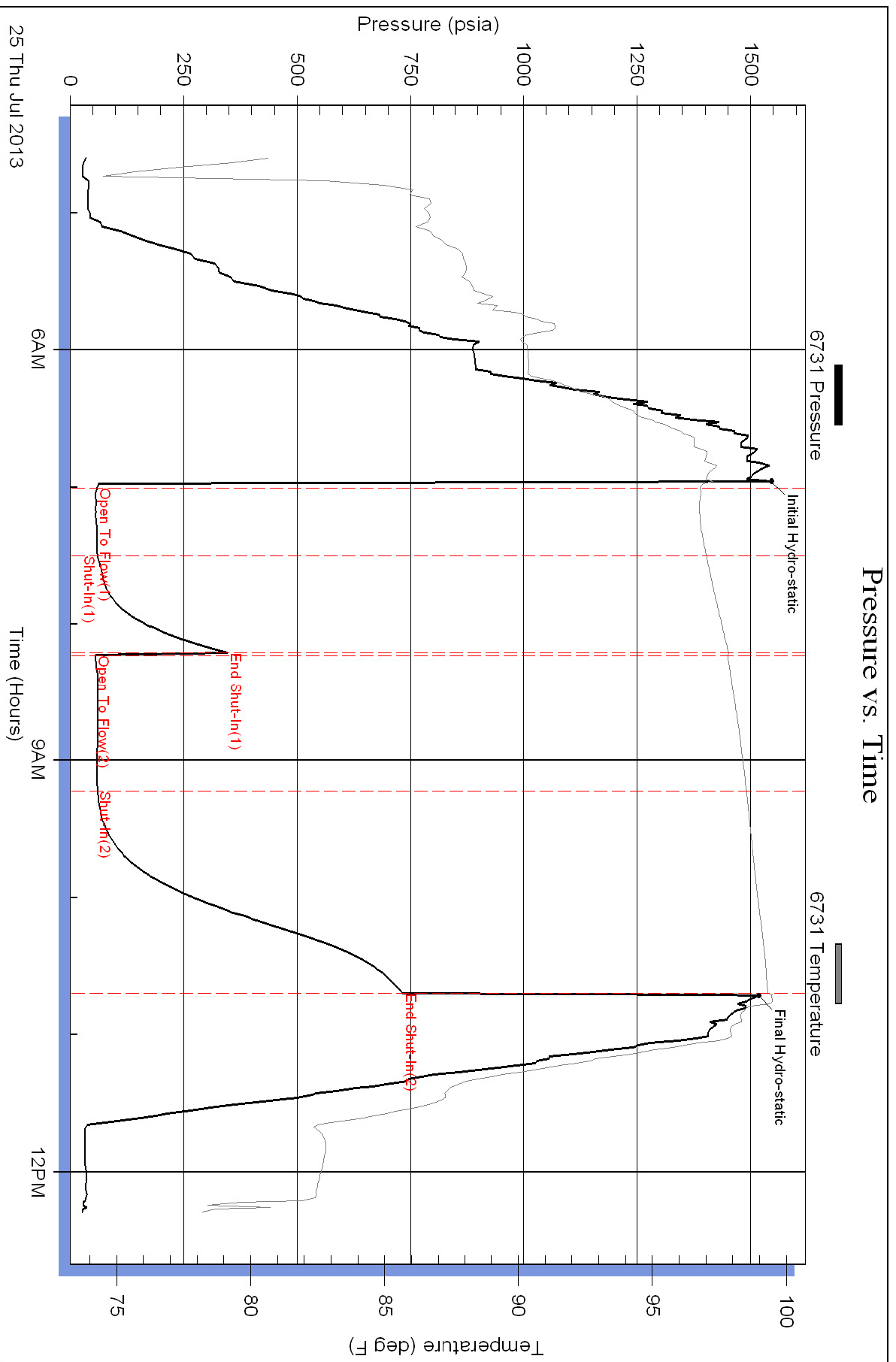
Recovery Information

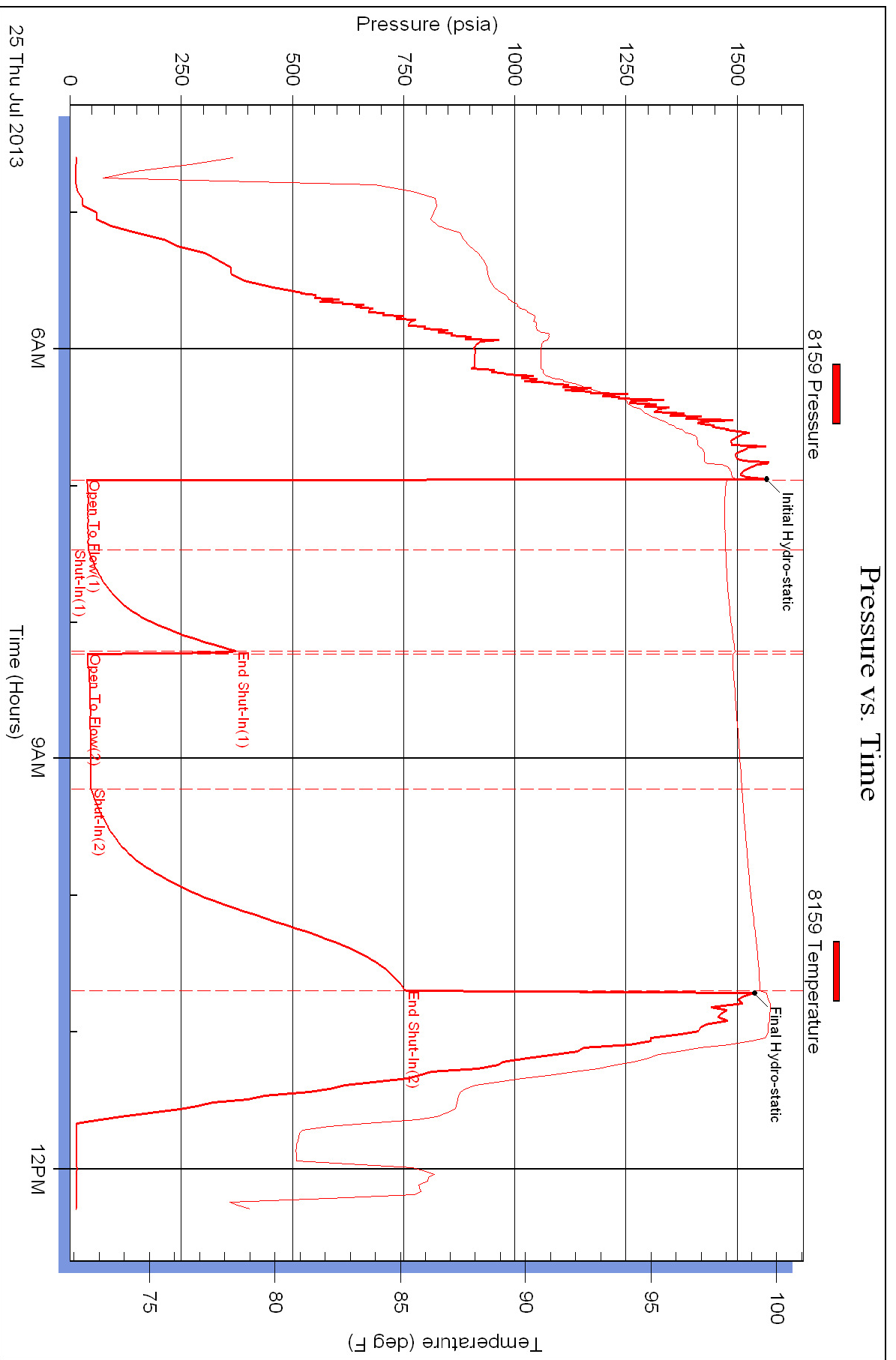
Recovery Table

Length ft	Description	Volume bbl
30.00	gas oil cut mud 5%gas10%oil 85%mud	0.421
0.00	30 feet gas in pipe	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

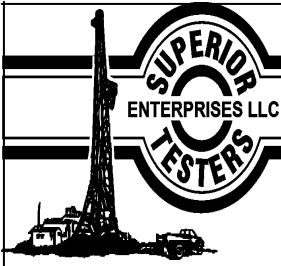
Start Date: 2013.07.25 @ 18:30:00

End Date: 2013.07.26 @ 01:23:00

Job Ticket #: 17015 DST #: 3

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

Printed: 2013.07.26 @ 02:00:20



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17015 **DST#: 3**
 Test Start: 2013.07.25 @ 18:30:00

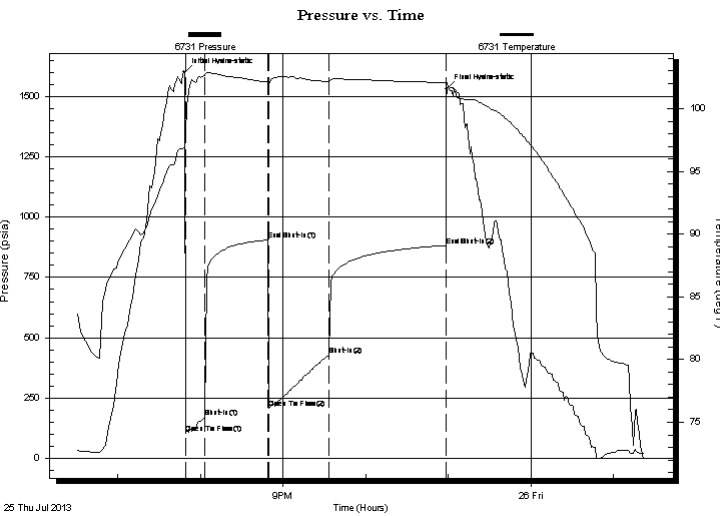
GENERAL INFORMATION:

Formation: **Lansing " A " zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:49:30
 Time Test Ended: 01:23:00
 Interval: **3187.00 ft (KB) To 3202.00 ft (KB) (TVD)**
 Total Depth: 3202.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 429.59 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.25 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 18:30:00 End Time: 01:23:00 Time On Btm: 2013.07.25 @ 19:48:30
 Time Off Btm: 2013.07.25 @ 22:59:00

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 3 Minutes
 1st Shut-in 45 Minutes-3 inch blow back
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 3 1/2 minutes
 2nd Shut-in 90 Minutes-1 inch from bottom of bucket



PRESSURE SUMMARY

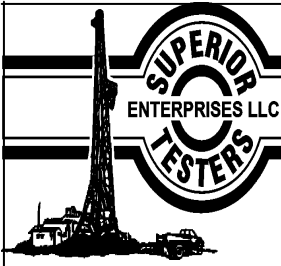
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1599.09	96.91	Initial Hydro-static
1	103.63	97.91	Open To Flow (1)
15	168.90	102.68	Shut-In(1)
61	905.66	102.16	End Shut-In(1)
62	207.66	101.88	Open To Flow (2)
105	429.59	102.19	Shut-In(2)
190	882.13	102.07	End Shut-In(2)
191	1531.59	102.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	spot oil cut w ater 2%oil 98%w ater	8.42
120.00	oil cut w ater 10%oil 90% w ater	1.68
0.00	5 feet clean oil on top 180 feet gas in	0.00
0.00	chlorides 110,000 resistivity .6 @65 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17015 **DST#: 3**
 Test Start: 2013.07.25 @ 18:30:00

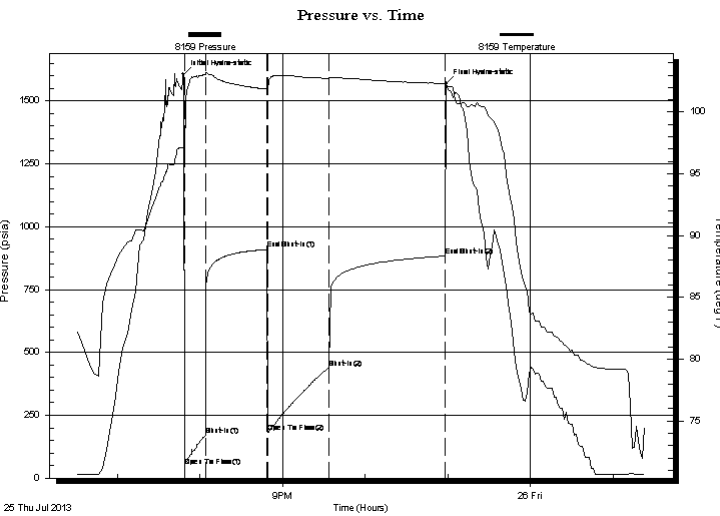
GENERAL INFORMATION:

Formation: **Lansing " A " zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:49:30
 Time Test Ended: 01:23:00
Interval: 3187.00 ft (KB) To 3202.00 ft (KB) (TVD)
 Total Depth: 3202.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 882.68 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.25 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 18:30:00 End Time: 01:23:30 Time On Btm: 2013.07.25 @ 19:48:00
 Time Off Btm: 2013.07.25 @ 22:59:00

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 3 Minutes
 1st Shut-in 45 Minutes-3 inch blow back
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 3 1/2 minutes
 2nd Shut-in 90 Minutes-1 inch from bottom of bucket



PRESSURE SUMMARY

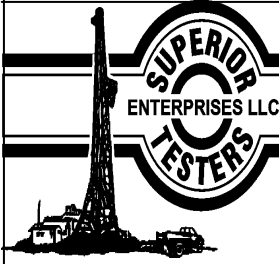
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1605.89	97.21	Initial Hydro-static
1	48.48	96.88	Open To Flow (1)
16	168.95	103.03	Shut-In(1)
61	909.48	101.87	End Shut-In(1)
62	182.45	101.92	Open To Flow (2)
106	439.01	102.72	Shut-In(2)
190	882.68	102.28	End Shut-In(2)
191	1568.75	102.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	spot oil cut w ater 2%oil 98%w ater	8.42
120.00	oil cut w ater 10%oil 90% w ater	1.68
0.00	5 feet clean oil on top 180 feet gas in	0.00
0.00	chlorides 110,000 resistivity .6 @65 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17015 **DST#: 3**
 Test Start: 2013.07.25 @ 18:30:00

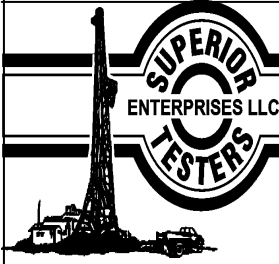
Tool Information

Drill Pipe:	Length: 3190.00 ft	Diameter: 3.80 inches	Volume: 44.75 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 44.75 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3187.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	5.00 ft				
Tool Length:	25.00 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			3172.00	
Hydraulic Tool	5.00			3177.00	
Packer	5.00			3182.00	20.00 Bottom Of Top Packer
Packer	5.00			3187.00	
Anchor	0.00			3187.00	
Recorder	1.00	6731	Inside	3188.00	
Recorder	1.00	8159	Outside	3189.00	
Bullnose	3.00			3192.00	5.00 Bottom Packers & Anchor

Total Tool Length: 25.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17015 **DST#: 3**
 Test Start: 2013.07.25 @ 18:30:00

Mud and Cushion Information

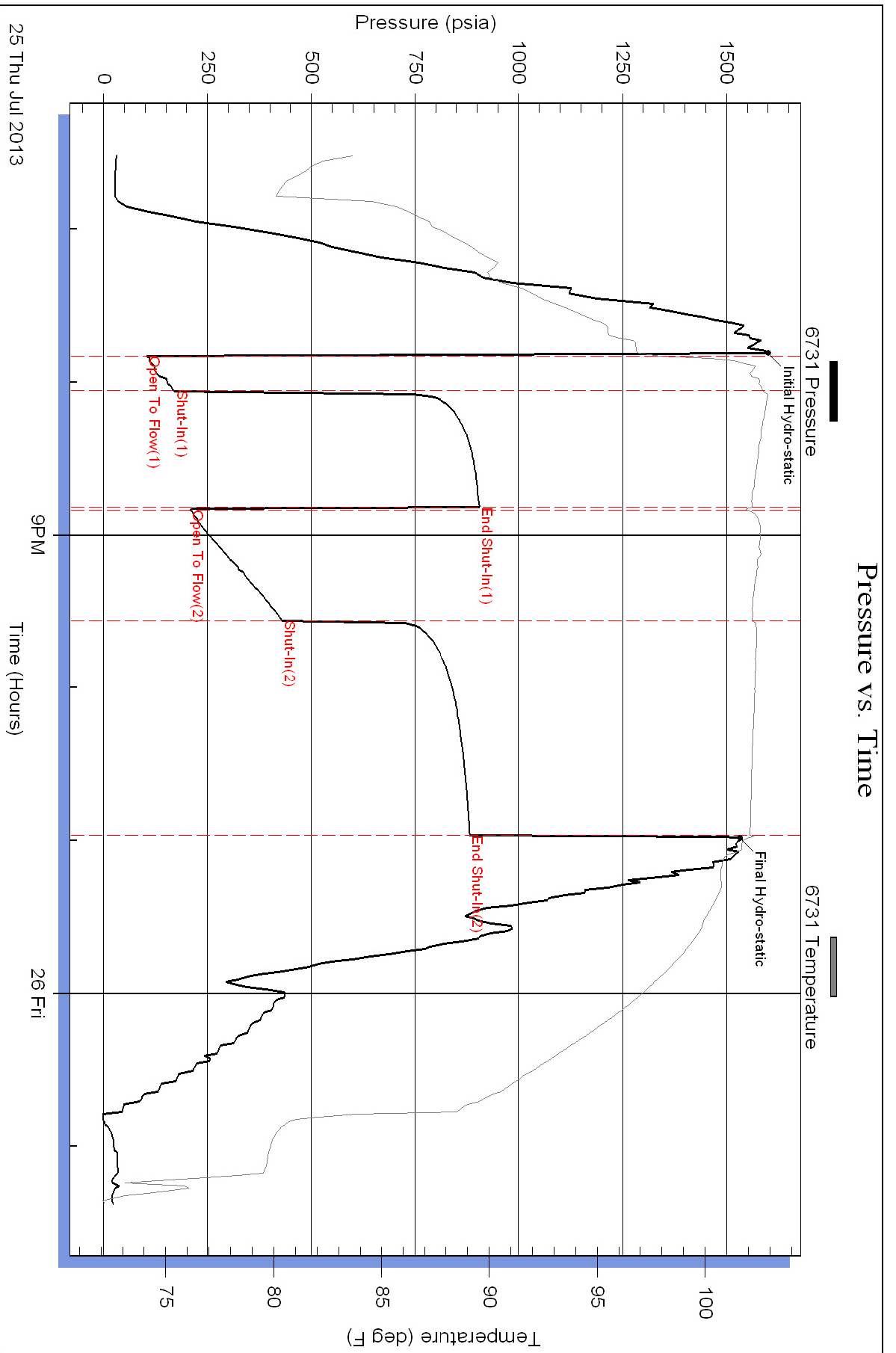
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

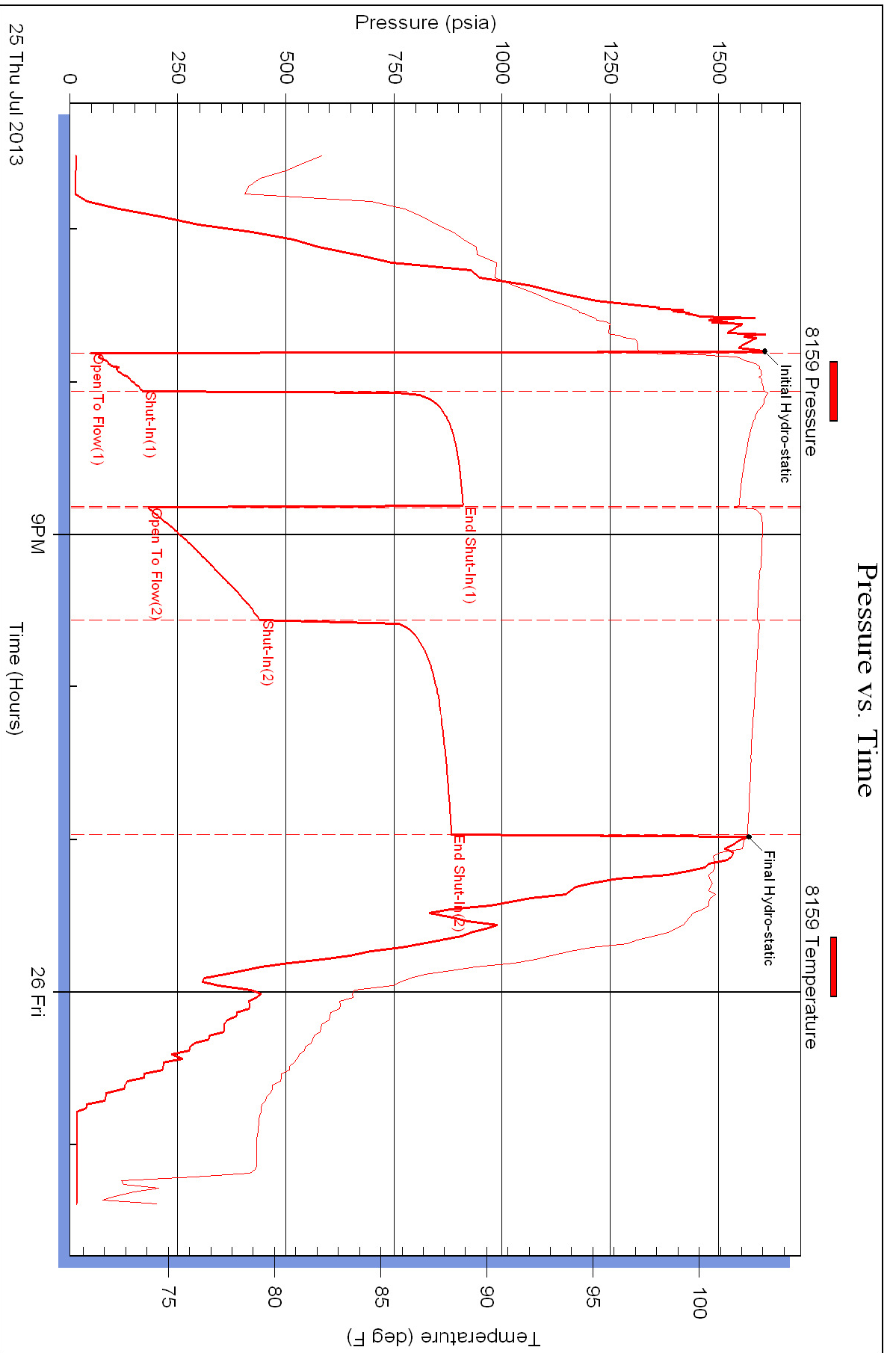
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
600.00	spot oil cut w ater 2%oil 98%w ater	8.416
120.00	oil cut w ater 10%oil 90% w ater	1.683
0.00	5 feet clean oil on top 180 feet gas in	0.000
0.00	chlorides 110,000 resistivity .6 @65 deg	0.000

Total Length: 720.00 ft Total Volume: 10.099 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: chlorides 110,000







DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

Start Date: 2013.07.26 @ 08:23:00

End Date: 2013.07.26 @ 13:24:30

Job Ticket #: 17016 DST #: 4

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

Printed: 2013.07.26 @ 13:38:40

L B Exploration
27-16-14 Barton
Eveleigh 27#1
DST # 4
Lansing B zone
2013.07.26



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17016 **DST#: 4**
 Test Start: 2013.07.26 @ 08:23:00

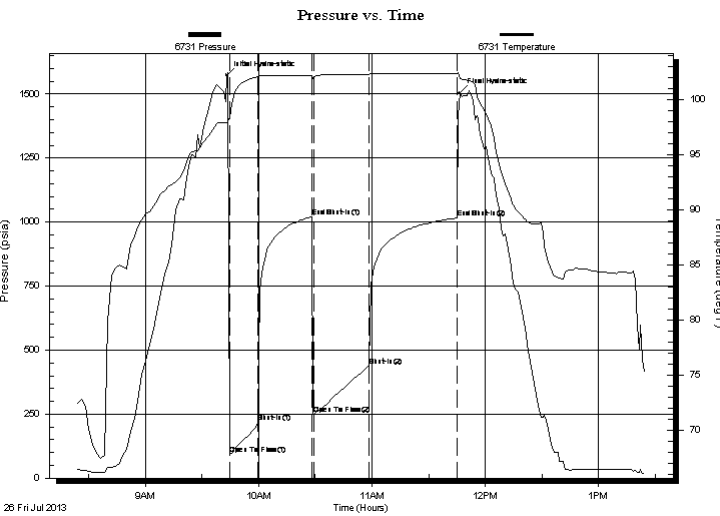
GENERAL INFORMATION:

Formation: **Lansing B zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:44:30
 Time Test Ended: 13:24:30
 Interval: **3206.00 ft (KB) To 3214.00 ft (KB) (TVD)**
 Total Depth: 3214.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-40
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 438.03 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.26 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 08:23:00 End Time: 13:24:30 Time On Btm: 2013.07.26 @ 09:43:00
 Time Off Btm: 2013.07.26 @ 11:46:30

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 2nd Shut-in 45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1573.45	97.95	Initial Hydro-static
2	94.42	98.34	Open To Flow (1)
17	217.07	102.06	Shut-In(1)
45	1019.76	102.15	End Shut-In(1)
46	249.76	102.06	Open To Flow (2)
76	438.03	102.28	Shut-In(2)
122	1015.89	102.37	End Shut-In(2)
124	1505.38	101.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	water	8.42
0.00	chlorides 90,000 resistivity .7@65degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17016 **DST#: 4**
 Test Start: 2013.07.26 @ 08:23:00

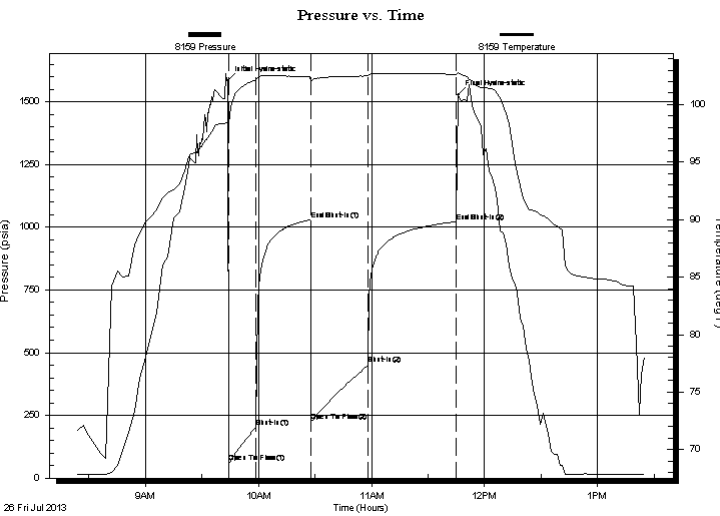
GENERAL INFORMATION:

Formation: **Lansing B zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:44:30
 Time Test Ended: 13:24:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-40
 Interval: **3206.00 ft (KB) To 3214.00 ft (KB) (TVD)**
 Reference Elevations: 1968.00 ft (KB)
 Total Depth: 3214.00 ft (KB) (TVD)
 1958.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 1022.00 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.26 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 08:23:00 End Time: 13:25:00 Time On Btm: 2013.07.26 @ 09:43:40
 Time Off Btm: 2013.07.26 @ 11:46:00

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 2nd Shut-in 45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1584.75	98.41	Initial Hydro-static
1	61.44	98.22	Open To Flow (1)
15	202.94	102.12	Shut-In(1)
44	1029.41	102.48	End Shut-In(1)
45	225.68	102.09	Open To Flow (2)
75	453.25	102.50	Shut-In(2)
122	1022.00	102.65	End Shut-In(2)
123	1527.80	102.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	water	8.42
0.00	chlorides 90,000 resistivity .7@65degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17016 **DST#: 4**
 Test Start: 2013.07.26 @ 08:23:00

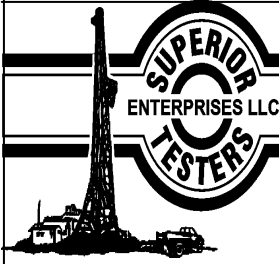
Tool Information

Drill Pipe:	Length: 3190.00 ft	Diameter: 3.80 inches	Volume: 44.75 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 44.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3206.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	28.00 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			3191.00	
Hydraulic Tool	5.00			3196.00	
Packer	5.00			3201.00	20.00 Bottom Of Top Packer
Packer	5.00			3206.00	
Anchor	3.00			3209.00	
Recorder	1.00	6731	Inside	3210.00	
Recorder	1.00	8159	Outside	3211.00	
Bullnose	3.00			3214.00	8.00 Bottom Packers & Anchor

Total Tool Length: 28.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17016 **DST#: 4**
 Test Start: 2013.07.26 @ 08:23:00

Mud and Cushion Information

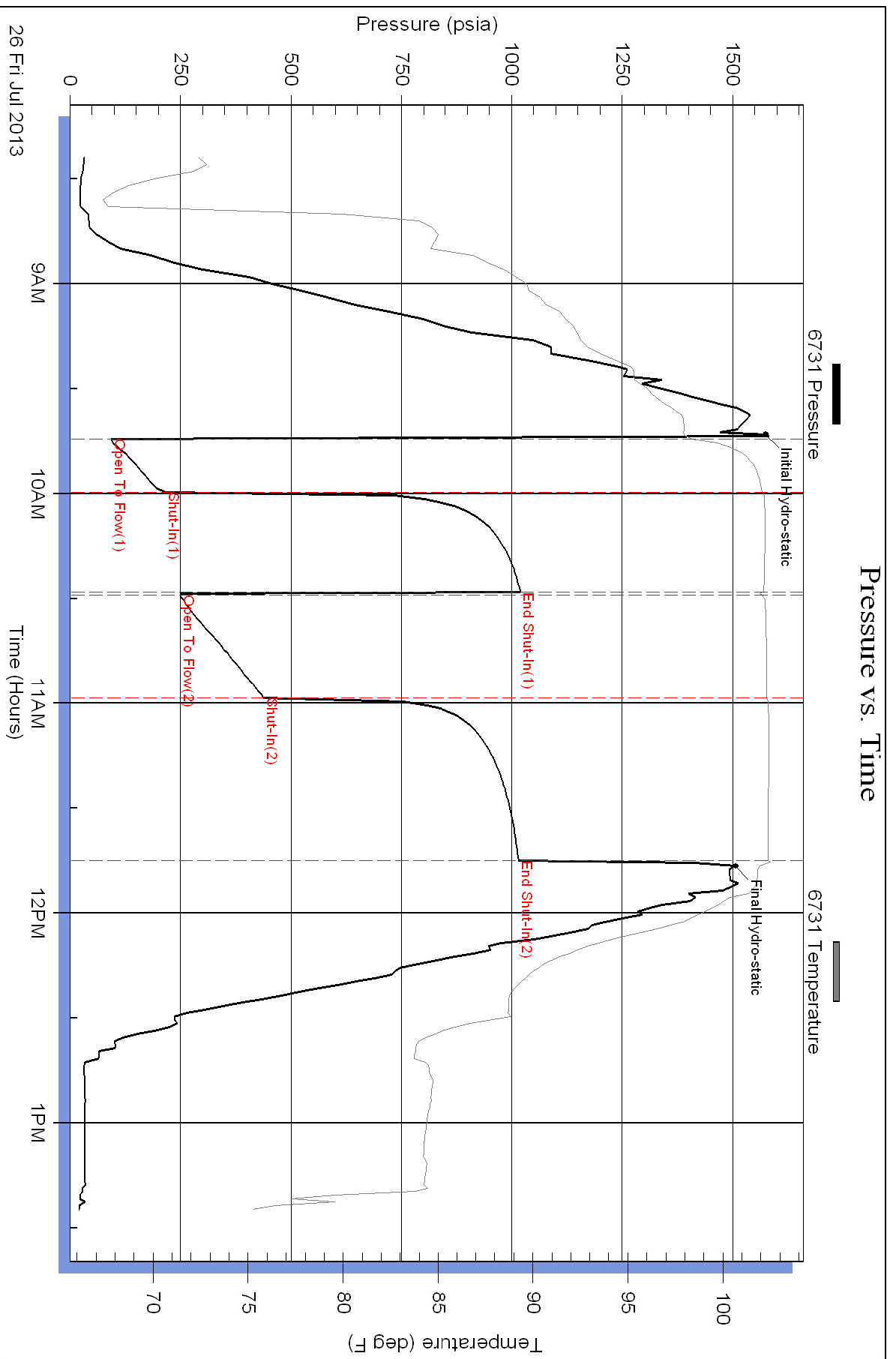
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

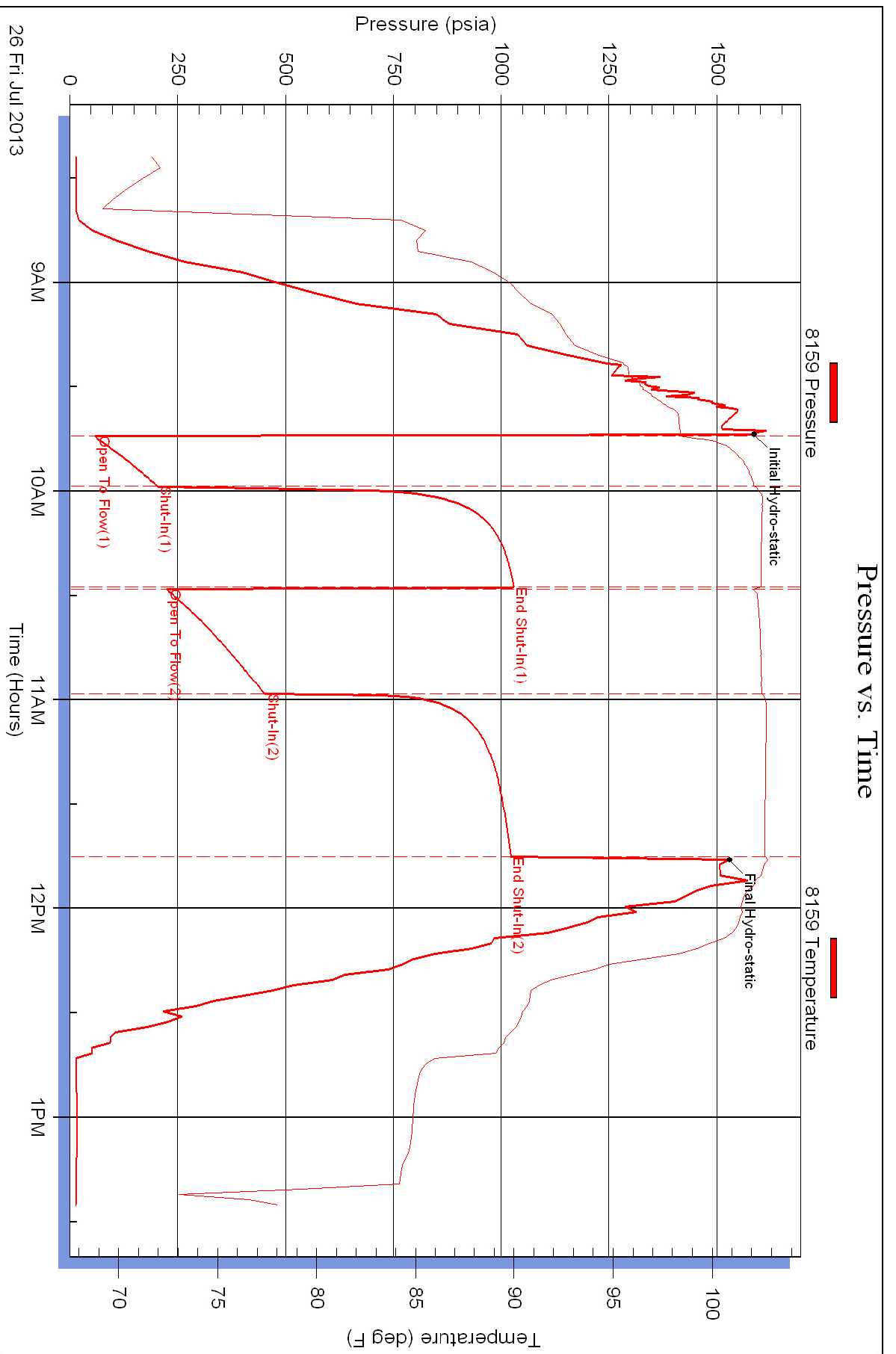
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
600.00	water	8.416
0.00	chlorides 90,000 resistivity .7@65degree	0.000

Total Length: 600.00 ft Total Volume: 8.416 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: chlorides 90,000 resistivity .7@65degrees







DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

Start Date: 2013.07.26 @ 21:23:00

End Date: 2013.07.27 @ 02:46:30

Job Ticket #: 17017 DST #: 5

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

Printed: 2013.07.27 @ 02:56:47



DRILL STEM TEST REPORT

L B Exploration

27-16-14 Barton

2135 2nd Rd Holyrood KS 67450 + 9021

Eveleigh 27#1

Job Ticket: 17017

DST#: 5

ATTN: Steven Peterman

Test Start: 2013.07.26 @ 21:23:00

GENERAL INFORMATION:

Formation: **Lansing E, F zones**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:44:30

Time Test Ended: 02:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-40

Interval: 3251.00 ft (KB) To 3272.00 ft (KB) (TVD)

Reference Elevations: 1968.00 ft (KB)

Total Depth: 3272.00 ft (KB) (TVD)

1958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 584.70 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.26

End Date:

2013.07.27

Last Calib.:

2013.07.27

Start Time: 21:23:00

End Time:

02:46:30

Time On Btm:

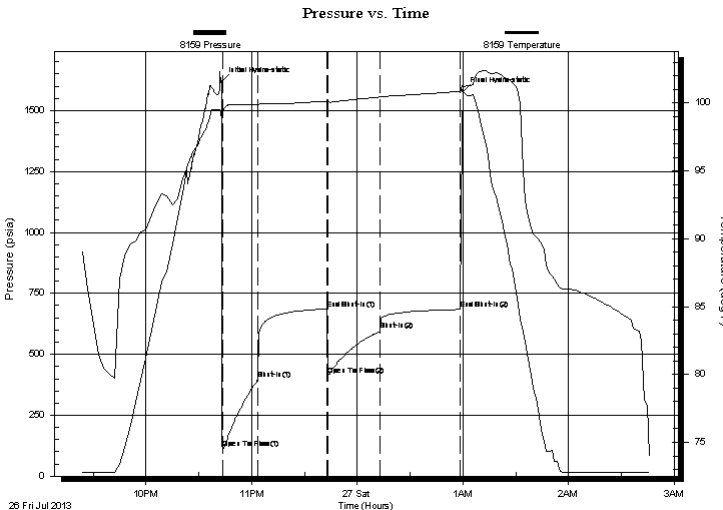
2013.07.26 @ 22:42:30

Time Off Btm:

2013.07.27 @ 01:00:00

TEST COMMENT: 1st Opening 20 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 1st Shut-in 40 Minutes-No blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 2nd Shut-in 45 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17017 **DST#: 5**
 Test Start: 2013.07.26 @ 21:23:00

Tool Information

Drill Pipe:	Length: 3258.00 ft	Diameter: 3.80 inches	Volume: 45.70 bbl	Tool Weight:	1000.00 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:	57000.00 lb
			<u>Total Volume: 45.70 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3251.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	41.00 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	-999999.00	
Hydraulic Tool	5.00			3241.00	-999999.00	
Packer	5.00			3246.00	20.00	Bottom Of Top Packer
Packer	5.00			3251.00	-999999.00	
Anchor	16.00			3267.00	-999999.00	
Recorder	1.00	6731	Inside	3268.00	-999999.00	
Recorder	1.00	8159	Outside	3269.00	-999999.00	
Bullnose	3.00			3272.00	21.00	Bottom Packers & Anchor

Total Tool Length: 41.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17017 **DST#: 5**
 Test Start: 2013.07.26 @ 21:23:00

Mud and Cushion Information

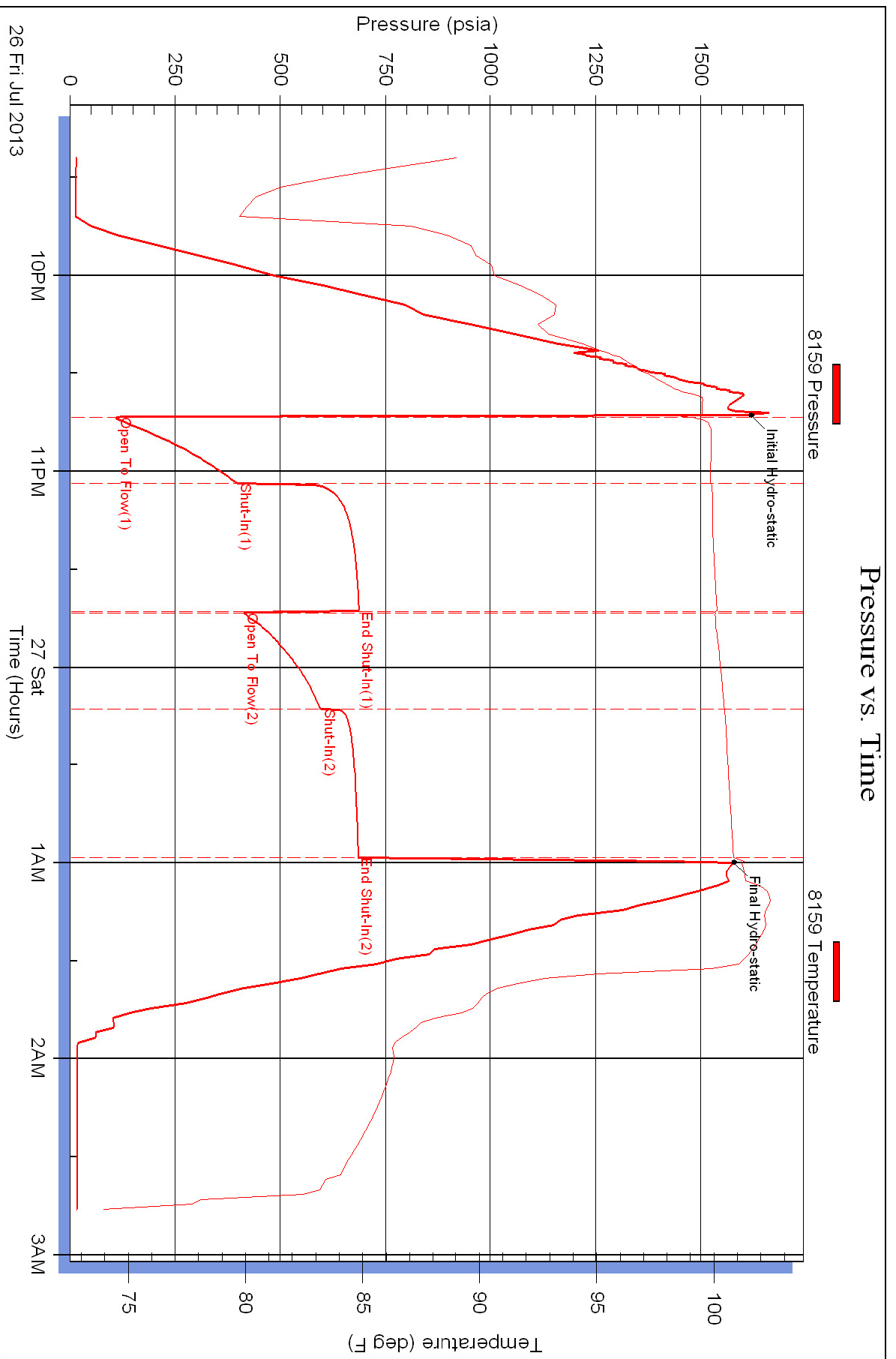
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

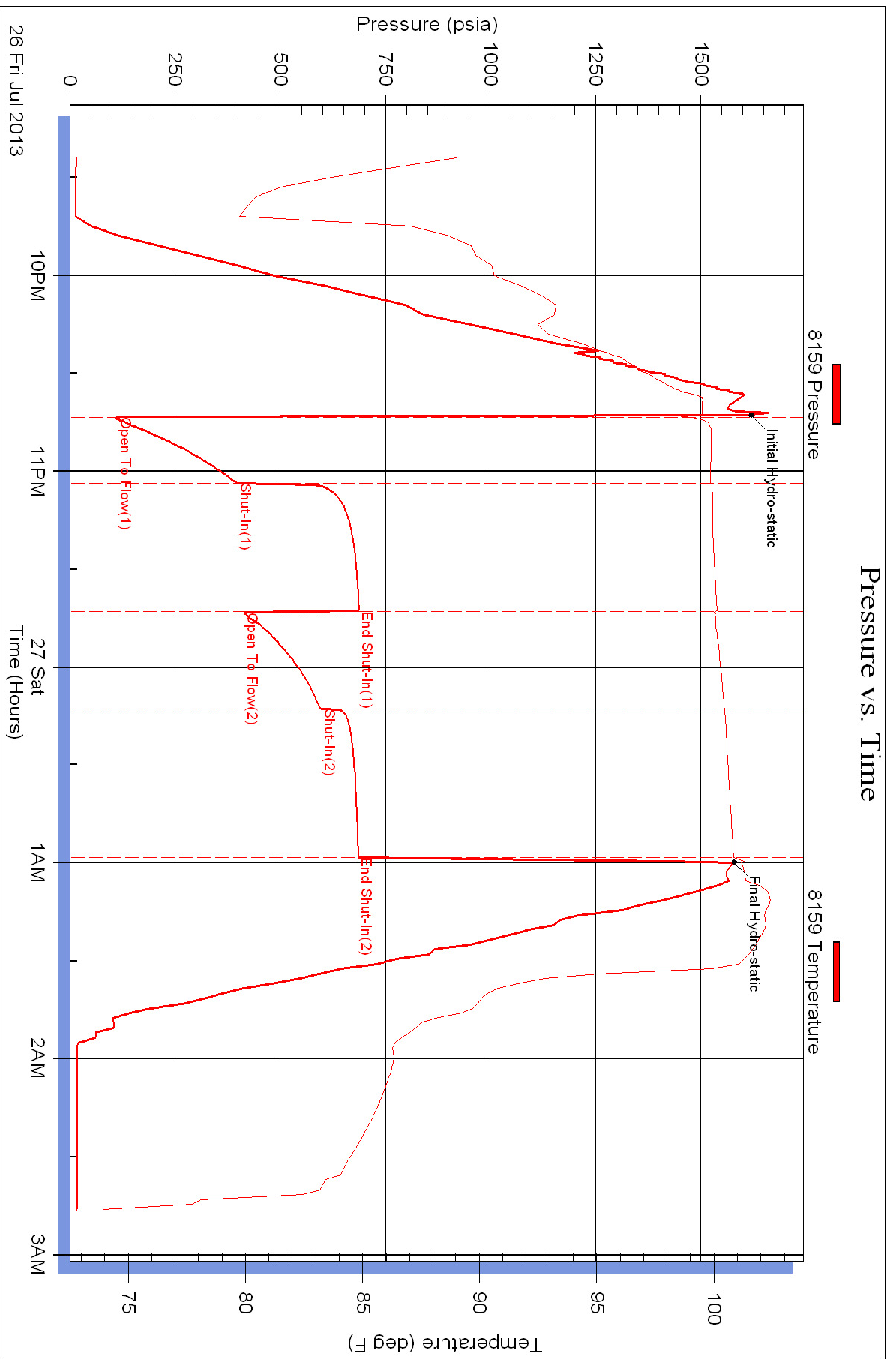
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1140.00	water	15.991
0.00	Chlorides 80,000 resistivity .7 @ 70 deg	0.000

Total Length: 1140.00 ft Total Volume: 15.991 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

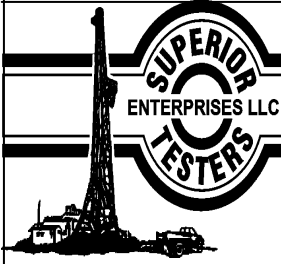
Start Date: 2013.07.27 @ 03:22:00

End Date: 2013.07.27 @ 08:20:30

Job Ticket #: 17018 DST #: 6

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

Printed: 2013.07.27 @ 20:38:42



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

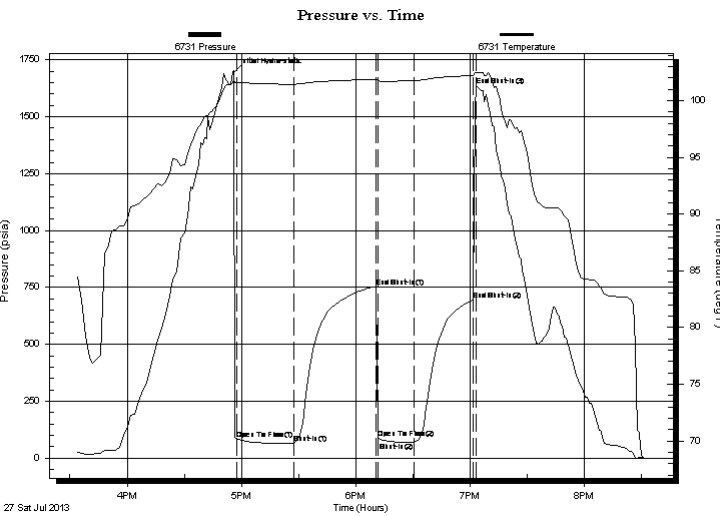
GENERAL INFORMATION:

Formation: **Lansing H, I, J zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:46:30
 Time Test Ended: 08:20:30
Interval: 3329.00 ft (KB) To 3387.00 ft (KB) (TVD)
 Total Depth: 3387.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320 Great Bend -40
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 68.72 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.27 End Date: 2013.07.27 Last Calib.: 2013.07.27
 Start Time: 15:33:00 End Time: 20:31:30 Time On Btm: 2013.07.27 @ 16:56:00
 Time Off Btm:

TEST COMMENT: 1st Opening 30 Minutes-Very weak surface blow built 1/2 inch into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge died off flushed tool weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1694.72	101.85	Initial Hydro-static
2	84.66	101.55	Open To Flow (1)
32	66.80	101.45	Shut-In(1)
75	753.59	101.89	End Shut-In(1)
76	85.70	101.72	Open To Flow (2)
95	68.72	101.77	Shut-In(2)
126	694.40	102.21	End Shut-In(2)
127	1637.92	102.46	End Shut-In(3)

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

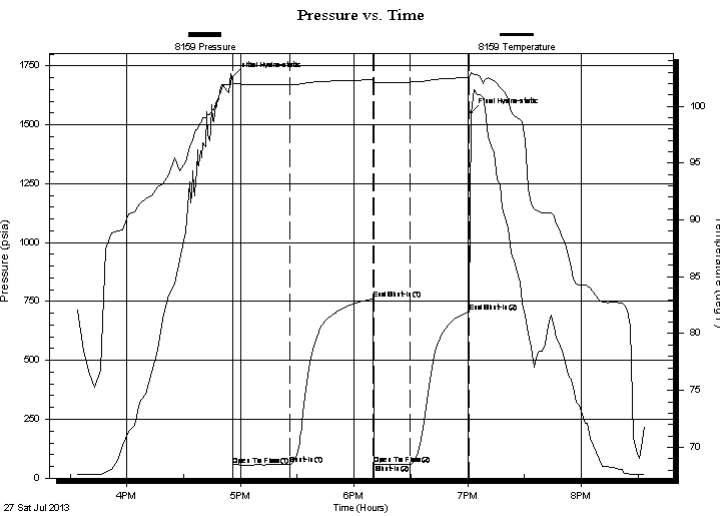
GENERAL INFORMATION:

Formation: **Lansing H, I, J zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:46:30
 Time Test Ended: 08:20:30
Interval: 3329.00 ft (KB) To 3387.00 ft (KB) (TVD)
 Total Depth: 3387.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320 Great Bend -40
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 705.38 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.27 End Date: 2013.07.27 Last Calib.: 2013.07.27
 Start Time: 15:33:00 End Time: 20:33:30 Time On Btm: 2013.07.27 @ 16:55:40
 Time Off Btm: 2013.07.27 @ 19:02:00

TEST COMMENT: 1st Opening 30 Minutes-Very weak surface blow built 1/2 inch into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge died off flushed tool weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1704.03	102.49	Initial Hydro-static
1	56.53	102.05	Open To Flow (1)
31	56.98	101.92	Shut-In(1)
75	760.83	102.33	End Shut-In(1)
75	59.33	102.07	Open To Flow (2)
95	58.78	102.13	Shut-In(2)
126	705.38	102.53	End Shut-In(2)
127	1551.51	102.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

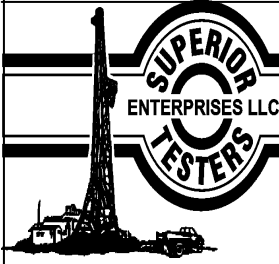
Tool Information

Drill Pipe:	Length: 3320.00 ft	Diameter: 3.80 inches	Volume: 46.57 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3329.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3314.00	
Hydraulic Tool	5.00			3319.00	
Packer	5.00			3324.00	20.00 Bottom Of Top Packer
Packer	5.00			3329.00	
Anchor	4.00			3333.00	
Change Over Sub	0.75			3333.75	
Drill Pipe	31.50			3365.25	
Change Over Sub	0.75			3366.00	
Anchor	16.00			3382.00	
Recorder	1.00	6731	Inside	3383.00	
Recorder	1.00	8159	Outside	3384.00	
Bullnose	3.00			3387.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration

27-16-14 Barton

2135 2nd Rd Holyrood KS 67450 + 9021

Eveleigh 27#1

Job Ticket: 17018

DST#: 6

ATTN: Steven Peterman

Test Start: 2013.07.27 @ 03:22:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

