



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Barton Exploration, Inc.
Well Name	Dumler L-2
Doc ID	1163762

Tops

Name	Top	Datum
Anhydrite	906	+971
Tarkio	2509	-632
Elmont	2566	-689
Howard	2710	-833
Topeka	2770	-893
Heebner	2994	-1117
Toronto	3017	-1140
Lansing	3049	-1172
BKC	3297	-1420
Gorham	3305	-1428
RTD/LTD	3306	-1429

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 7393

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-4-13	1	14	15	Russell	KS		10:15 AM

Location: *Barton 770 1/2 W 11 + 0*

Lease <i>Digger</i>	Well No. <i>L-2</i>	Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor <i>Rep #1</i>		Charge To <i>Barton Exploration</i>
Type Job <i>Surface</i>		Street
Hole Size <i>12 1/4</i>	T.D. <i>902</i>	City
Csg. <i>8 5/8</i>	Depth <i>902</i>	State
Tbg. Size	Depth	
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <i>42</i>	Shoe Joint <i>42</i>	Cement Amount Ordered <i>375 cu ft 3/0 2/6 1/2</i>
Meas Line	Displace <i>54 1/2 BCL</i>	

EQUIPMENT

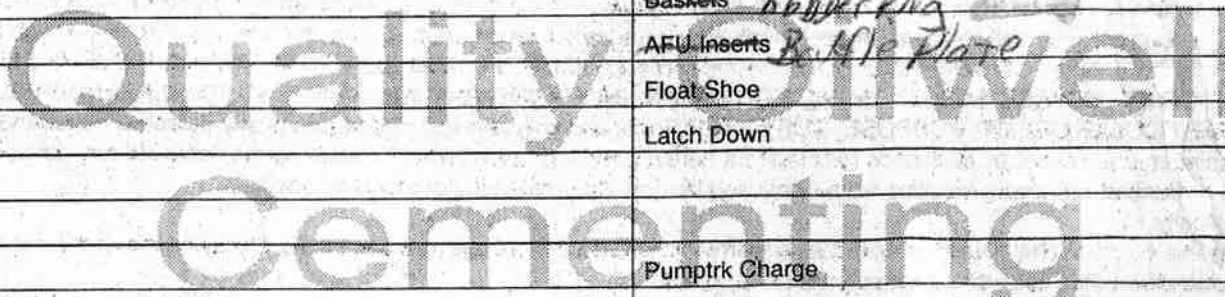
Pumptrk <i>10</i>	No. Cementer Helper <i>Cooper</i>	Common
Bulktrk	No. Driver <i>Cooper</i>	Poz. Mix
Bulktrk <i>13</i>	No. Driver <i>Clayton</i>	Gel.
	Driver	Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<i>8 5/8 on bottom Est Circulation</i>	Sand
<i>Mix 375 SKY Displace Plug</i>	Handling
<i>Cement Circulated!</i>	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer <i>8 5/8</i>
	Baskets <i>Submer Plug</i>
	AFU Inserts <i>Bottom Plate</i>
	Float Shoe
	Latch Down



	Pumptrk Charge	Tax
	Mileage	Discount
		Total Charge

X Signature

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 7527

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-9-13	1	14	15	Russell	KS		3:00 AM

Location: Highway 40 + Balra 1 1/2 S Winto

Lease	Dumler	Well No.	L-2	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal #1				
Type Job	Plug				
Hole Size	7 7/8	T.D.	3306	Charge To	Barton Exploration
Csg.	Drill Pipe	Depth		Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered	190 6 3/4 4 3/4 6 1/2 7 1/2 Flow

Meas Line	Displace		
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EQUIPMENT

Pumptrk	17	No.	Cementor		Common
			Helper	Cody	Poz. Mix
Bulktrk	8	No.	Driver	Clayton	Gel.
Bulktrk	PU	No.	Driver	Brett	Calcium

JOB SERVICES & REMARKS

Remarks:		Hulls
Rat Hole	30 sx	Salt
Mouse Hole	20 sx	Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38

1st Plug @ 950 w/ 50 sx
2nd Plug @ 450 w/ 85 sx
3rd Plug @ 40 w/ 10 sx
Rat hole - 30 sx
Mouse hole - 20 sx

FLOAT EQUIPMENT

	Handling
	Mileage
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

	Pumptrk Charge
	Mileage

	Tax
	Discount
	Total Charge

X Signature

[Handwritten Signature]



DRILL STEM TEST REPORT

Prepared For: **Barton Exploration Inc.**

3017 East 17th
Hays ,Kansas 67601-2790

ATTN: frank Mize

Dumler #I-2

1-14s-15w Russell

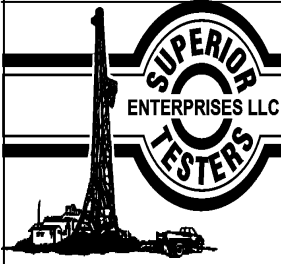
Start Date: 2013.10.07 @ 00:00:00

End Date: 2013.10.07 @ 00:00:00

Job Ticket #: 17089 DST #: 1

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

Printed: 2013.10.07 @ 15:11:52



DRILL STEM TEST REPORT

Barton Exploration Inc.
 3017 East 17th
 Hays ,Kansas 67601-2790
 ATTN: frank Mize

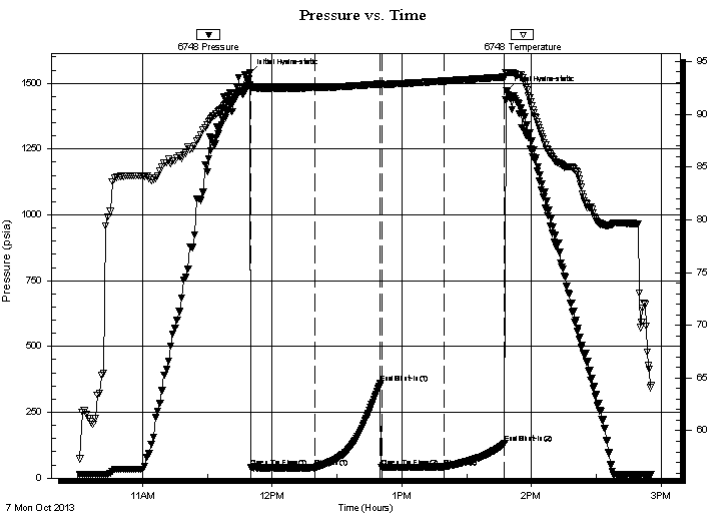
1-14s-15w Russell
Dumler #I-2
 Job Ticket: 17089 **DST#: 1**
 Test Start: 2013.10.07 @ 00:00:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **2935.00 ft (KB) To 2954.00 ft (KB) (TVD)**
 Total Depth: 2954.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335
 Reference Elevations: 1877.00 ft (KB)
 1871.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 131.73 psia @ 2950.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.10.07 End Date: 2013.10.07 Last Calib.: 2013.10.07
 Start Time: 10:30:00 End Time: 14:55:30 Time On Btm: 2013.10.07 @ 11:49:30
 Time Off Btm: 2013.10.07 @ 13:48:30

TEST COMMENT: 1st Opening 30 Minutes Weak surface blow for 10 minutes and decreased to a weak intermittent blow through out
 1st Shut-In 30 Minutes no blow back
 2nd Opening 30 Minutes-Weak surface blow for 5 minutes and decreased to a weak intermittent blow through out
 2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

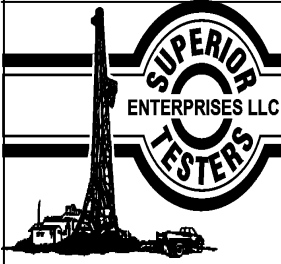
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1538.38	92.75	Initial Hydro-static
1	40.99	92.47	Open To Flow (1)
30	40.47	92.52	Shut-In(1)
61	359.39	92.87	End Shut-In(1)
61	40.88	92.79	Open To Flow (2)
90	42.79	93.14	Shut-In(2)
118	131.73	93.53	End Shut-In(2)
119	1470.65	93.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil Cut Mud	0.21
0.00	95%Mud 5%Oil	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Barton Exploration Inc.
 3017 East 17th
 Hays ,Kansas 67601-2790
 ATTN: frank Mize

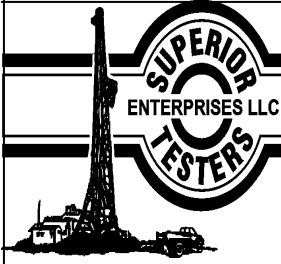
1-14s-15w Russell
Dumler #I-2
 Job Ticket: 17089 **DST#: 1**
 Test Start: 2013.10.07 @ 00:00:00

Tool Information

Drill Pipe:	Length: 2919.00 ft	Diameter: 3.80 inches	Volume: 40.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 40.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	2935.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 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			2912.00	
Hydraulic Tool	5.00			2917.00	
Safety Joint	2.00			2919.00	
Jars	6.00			2925.00	
Packer	5.00			2930.00	28.00 Bottom Of Top Packer
Packer	5.00			2935.00	
Anchor	14.00			2949.00	
Recorder	1.00	6748	Inside	2950.00	
Recorder	1.00	6663	Outside	2951.00	
Bullnose	3.00			2954.00	19.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Barton Exploration Inc.
3017 East 17th
Hays ,Kansas 67601-2790
ATTN: frank Mize

1-14s-15w Russell
Dumler #I-2
Job Ticket: 17089 **DST#: 1**
Test Start: 2013.10.07 @ 00:00:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	8.80 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	4000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Oil Cut Mud	0.210
0.00	95%Mud 5%Oil	0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6748

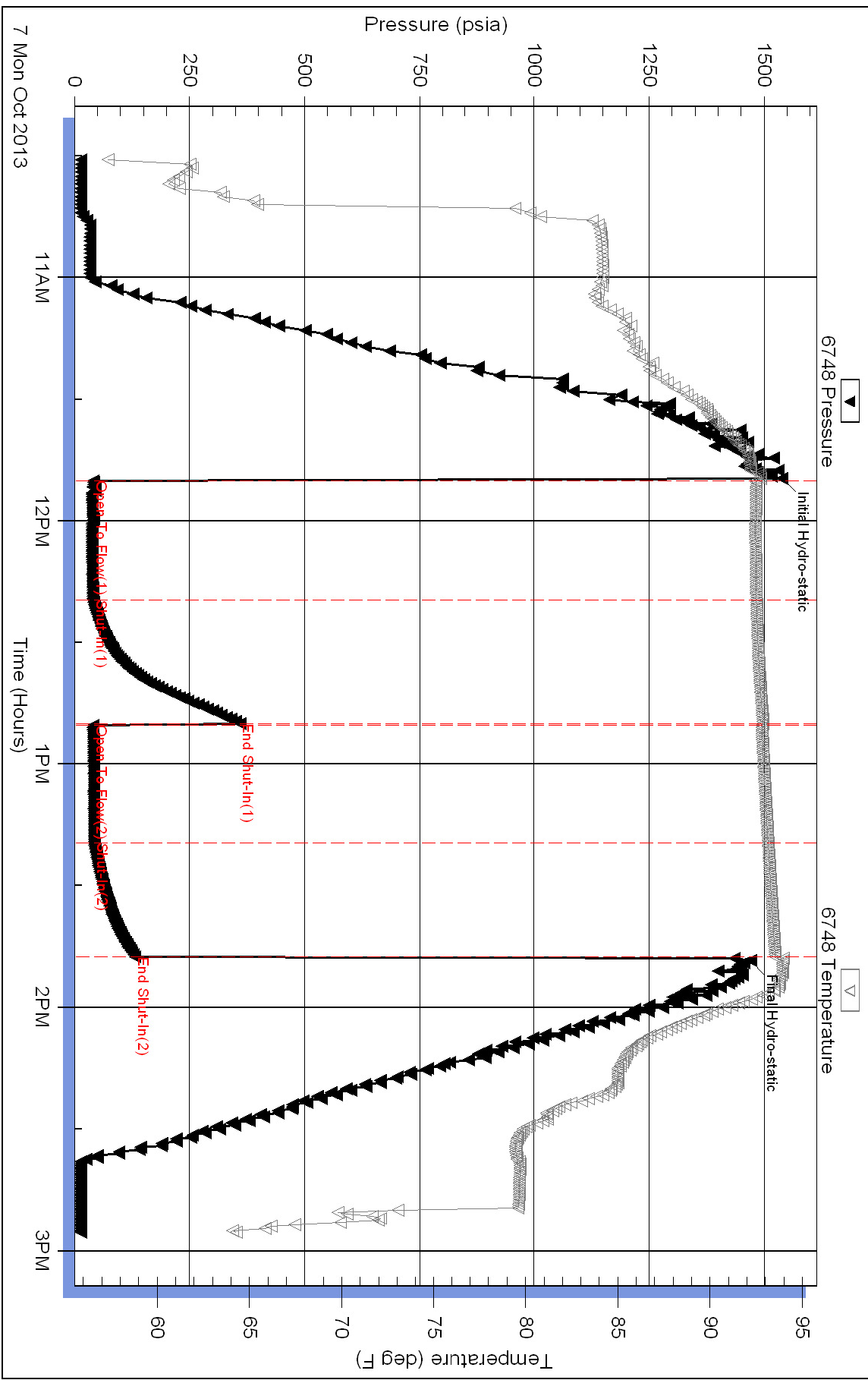
Inside

Barton Exploration Inc.

Dunler #-2

DST Test Number: 1

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17089

Printed: 2013.10.07 @ 15:11:52