



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
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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

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: _____



1161965

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	Shelby Resources LLC
Well Name	Ideker 1-2
Doc ID	1161965

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic


QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 7921

Date	6-20-13	Sec.	2	Twp.	21	Range	19	County	Pawnee	State	Ks	On Location		Finish	6:30 PM
Lease								Location							
Ideker								Larned W on 156 Hwy to 183 Hwy, N							
Well No. 1-2								Owner on 183 Hwy to Trl, 4 1/2 W 5/8th							
Contractor Sterling S								To Quality Oilwell Cementing, Inc.							
Type Job Surface								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. 1295'				Charge To Captiva							
Csg. 8 5/8"				Depth 1290'				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. 38'				Shoe Joint 38'				Cement Amount Ordered 450 sx 60/40 3% CC 2% Gel							
Meas Line				Displace 80 BLS 79 3/4				1/2 # Flo-seal							
EQUIPMENT															
Pumptrk 16		No.		Cementer		Helper		Lonnie W.		Common		270			
Bulktrk 19		No.		Driver		Chad				Poz. Mix		180			
Bulktrk PA		No.		Driver		Rick				Gel.		9			
				Driver						Calcium		16			
JOB SERVICES & REMARKS															
Remarks: Cement did Circulate								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							
								Sand							
								Handling 475							
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down 1 Guide Shoe							
								1- Baffle plate							
								1- Rubber plug							
								Pumptrk Charge Long Surface							
								Mileage 21							
												Tax			
												Discount			
												Total Charge			
X Signature 															

ALLIED OIL & GAS SERVICES, LLC 054139

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE <u>6-26-13</u>	SEC. <u>2</u>	TWP. <u>21</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30pm</u>	JOB FINISH <u>5:00pm</u>
LEASE <u>Ideler</u>	WELL# <u>1-2</u>	LOCATION <u>Rush Center 14S 3 1/2 West Sinto</u>			COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Starling #5
 TYPE OF JOB PJA
 HOLE SIZE 7 7/8 T.D. 4368
 CASING SIZE DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 16.6 DEPTH 1320
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 170 60% 45 gel

COMMON	<u>102</u>	@	<u>17.70</u>	<u>1825.80</u>
POZMIX	<u>68</u>	@	<u>9.35</u>	<u>635.80</u>
GEL	<u>5.85</u>	@	<u>23.40</u>	<u>136.89</u>
CHLORIDE		@		
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y
 # 417 HELPER Woody O
 BULK TRUCK
 # 473 DRIVER Kevin R
 BULK TRUCK
 # DRIVER

HANDLING 179.75 @ 2.48 = 445.78
 MILEAGE 326.9875 @ 2.60 = 849.96
 TOTAL 3894.23

REMARKS:

p1 50st @ 1320
p2 50st @ 310
p3 20st @ 60
30st Ret hole
20st Mouschale

SERVICE

DEPTH OF JOB	<u>1320</u>
PUMP TRUCK CHARGE	<u>2249.84</u>
EXTRA FOOTAGE	@
MILEAGE <u>43 HVI</u>	@ <u>7.70</u> = <u>331.10</u>
MANIFOLD	@
<u>43 LVI</u>	@ <u>4.40</u> = <u>189.20</u>

TOTAL 2770.14

CHARGE TO: Captiva
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
 TOTAL CHARGES 6664.37
 DISCOUNT 1666.09 IF PAID IN 30 DAYS

PRINTED NAME ALAN LOFF
 SIGNATURE Alan Loff

Net 4998.28
before tax



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Boulevard
Suite C
Hays, Kansas 67601

ATTN: Keith Reavis

Ideker #1-2

2/21S/19W/Pawnee

Start Date: 2013.06.25 @ 07:14:00

End Date: 2013.06.25 @ 12:43:30

Job Ticket #: 18135 DST #: 1

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

Printed: 2013.06.25 @ 13:01:40



DRILL STEM TEST REPORT

Shelby Resources LLC

2/21S/19W/Pawnee

2717 Canal Boulevard
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

Ideker #1-2

Job Ticket: 18135

DST#: 1

Test Start: 2013.06.25 @ 07:14:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:36:30

Time Test Ended: 12:43:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/86

Interval: **4165.00 ft (KB) To 4236.00 ft (KB) (TVD)**

Reference Elevations: 2138.00 ft (KB)

Total Depth: 4236.00 ft (KB) (TVD)

2125.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: **6749**

Inside

Press @ Run Depth: 311.12 psia @ 4232.37 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.06.25

End Date:

2013.06.25

Last Calib.:

2013.06.25

Start Time: 07:14:00

End Time:

12:43:30

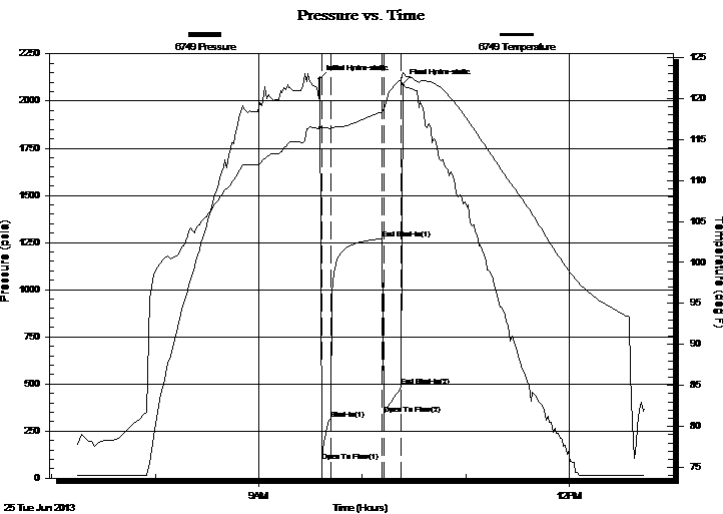
Time On Btm:

2013.06.25 @ 09:35:00

Time Off Btm:

2013.06.25 @ 10:23:30

TEST COMMENT: 1ST Open 5 Minutes/Dead no blow
1ST Shut In 30 Minutes/No blow back
2ND Open 10 Minutes/Dead/Check blow lines/Rubber line from manifold to bucket blocked/Blow to bottom of bucket/Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2114.35	116.35	Initial Hydro-static
2	91.22	116.36	Open To Flow (1)
7	311.12	116.31	Shut-In(1)
37	1269.66	118.38	End Shut-In(1)
38	339.46	118.71	Open To Flow (2)
48	485.33	122.32	End Shut-In(2)
49	2091.40	123.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
834.00	Muddy Water	8.69
0.00	Mud 20% Water 80%	0.00
0.00	Recovery Chloride 33000 ppm	0.00
0.00	Recov. Resist. .18 ohms @ 98 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources LLC

2/21S/19W/Pawnee

2717 Canal Boulevard
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

Ideker #1-2

Job Ticket: 18135

DST#: 1

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Reference Elevations: 2138.00 ft (KB)

Total Depth: 4236.00 ft (KB) (TVD)

2125.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: **6838** Outside

Press @ Run Depth: 1267.13 psia @ 4233.37 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.06.25

End Date:

2013.06.25

Last Calib.:

2013.06.25

Start Time: 07:14:00

End Time:

12:43:00

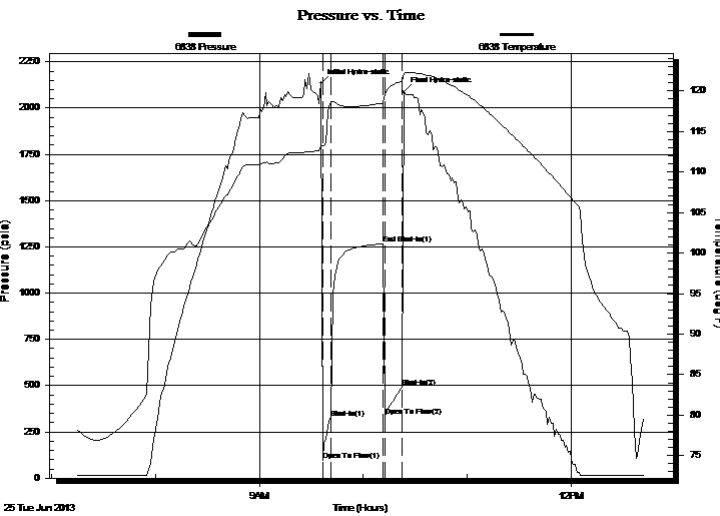
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2013.06.25 @ 09:35:30

Time Off Btm:

2013.06.25 @ 10:23:30

TEST COMMENT: 1ST Open 5 Minutes/Dead no blow
1ST Shut In 30 Minutes/No blow back
2ND Open 10 Minutes/Dead/Check blow lines/Rubber line from manifold to bucket blocked/Blow to bottom of bucket/Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2133.46	113.23	Initial Hydro-static
1	95.68	113.25	Open To Flow (1)
6	324.85	118.52	Shut-In(1)
36	1267.13	118.50	End Shut-In(1)
37	332.62	119.53	Open To Flow (2)
47	493.48	121.18	Shut-In(2)
48	2088.32	122.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
834.00	Muddy Water	8.69
0.00	Mud 20% Water 80%	0.00
0.00	Recovery Chloride 33000 ppm	0.00
0.00	Recov. Resist. .18 ohms @ 98 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC
 2717 Canal Boulevard
 Suite C
 Hays, Kansas 67601
 ATTN: Keith Reavis

2/21S/19W/Pawnee

Ideker #1-2

Job Ticket: 18135

DST#: 1

Test Start: 2013.06.25 @ 07:14:00

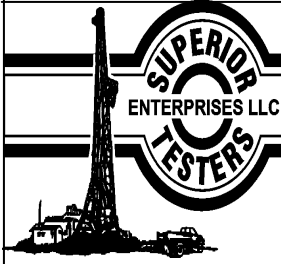
Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 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: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 55.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4165.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.37 ft			
Tool Length:	98.37 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			4143.00	
Hydraulic Tool	5.00			4148.00	
Jars	5.00			4153.00	
Safety Joint	2.00			4155.00	
Packer	5.00			4160.00	27.00 Bottom Of Top Packer
Packer	5.00			4165.00	
Perforations	6.00			4171.00	
Change Over Sub	0.75			4171.75	
Drill Pipe	31.87			4203.62	
Change Over Sub	0.75			4204.37	
Anchor	27.00			4231.37	
Recorder	1.00	6749	Inside	4232.37	
Recorder	1.00	6838	Outside	4233.37	
Bullnose	3.00			4236.37	71.37 Bottom Packers & Anchor

Total Tool Length: 98.37



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Boulevard
 Suite C
 Hays, Kansas 67601
 ATTN: Keith Reavis

2/21S/19W/Pawnee
Ideker #1-2
 Job Ticket: 18135 **DST#: 1**
 Test Start: 2013.06.25 @ 07:14:00

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8300.00 ppm			
Filter Cake: 1.00 inches			

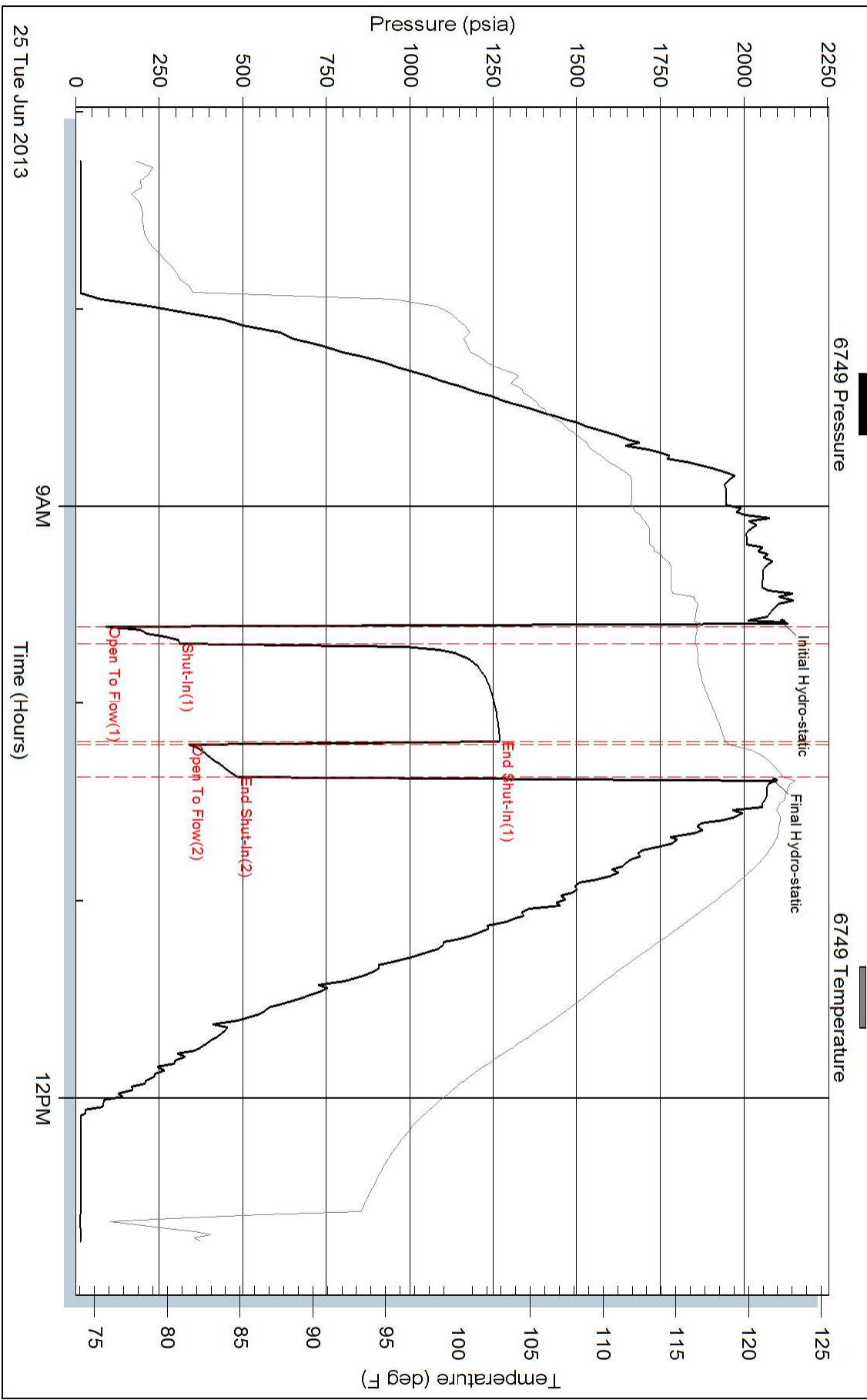
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
834.00	Muddy Water	8.693
0.00	Mud 20% Water 80%	0.000
0.00	Recovery Chloride 33000 ppm	0.000
0.00	Recov. Resist. .18 ohms @ 98 deg	0.000

Total Length: 834.00 ft Total Volume: 8.693 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Pressure vs. Time

