



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1161924
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: _____



1161924

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	W-S 1-15
Doc ID	1161924

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic
Bond

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. 7926

Date	7-7-13	Sec.	15	Twp.	18	Range	14	County	Barton	State	Ks	On Location		Finish	1:00 PM
Lease	W-5			Well No.	1-15		Location 281 + 4 Set, 35 to 90 Rd, 1W								
Contractor	Sterling		5		Owner to 50 Ave, 1/2 S, E Into 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.										
Type Job	Surface														
Hole Size	12 1/4"		T.D.	916'		Charge To Shelby Resources									
Csg.	8 5/8"		Depth	911'		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.	42'		Shoe Joint	42'		Cement Amount Ordered 375 sx Common 3% cc									
Meas Line			Displace	55 1/4 BLS		2 1/2 Grel									
EQUIPMENT															
Pumptrk	16	No.	Cementer	Lonnie W.		Common 225									
			Helper			Poz. Mix 150									
Bulktrk	13	No.	Driver	Lonnie M.		Gel. 7									
			Driver			Calcium 14									
Bulktrk	p.u.	No.	Driver	Rick		Hulls									
			Driver			Salt									
JOB SERVICES & REMARKS															
Remarks:	Cement did Circulate.														
Rat Hole	Flowseal														
Mouse Hole	Kol-Seal														
Centralizers	Mud CLR 48														
Baskets	CFL-117 or CD110 CAF 38														
D/V or Port Collar	Sand														
	Handling 386														
	Mileage														
FLOAT EQUIPMENT															
	Guide Shoe														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	1- Baffle plate														
	1- Rubber plug														
	Pumptrk Charge Long Surface														
	Mileage 15														
	Tax														
	Discount														
	Total Charge														
X Signature	Alan Lott														

Customer <i>Shelby</i>	Lease No.	Date <i>7-13-13</i>
Lease <i>WS</i>	Well # <i>1-15</i>	
Field Order # <i>8333</i>	Station <i>Pratt</i>	Casing <i>5/2</i>
		Depth <i>3504</i>
Type Job <i>CNW 5/2 LS</i>	Formation	County <i>Barton</i>
		State <i>155</i>
		Legal Description <i>15-18-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>5/2</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>3504</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>3483</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
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Service Units <i>27463</i>	<i>19831-19862</i>	<i>28443</i>						
Driver Names <i>TOM</i>	<i>TIM</i>	<i>JOE</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:30</i>					<i>ONLOC / Safety Meeting</i>
					<i>TURBO'S ON 1-2-4-5-6-8-9</i>
					<i>BASKET ON SHOE JT</i>
<i>3:15</i>					<i>START Runnin 5/2 csg 14" 84JTS</i>
<i>5:00</i>					<i>Csg ON BOTTOM</i>
<i>5:05</i>					<i>HOOKUP Rig TO circ.</i>
<i>6:10</i>	<i>300</i>		<i>5</i>	<i>3.5</i>	<i>H2O SPACE</i>
	<i>300</i>		<i>14</i>	<i>5.5</i>	<i>MIX 50 SK 60/40 POZ AT 14.4"</i>
	<i>300</i>		<i>24</i>	<i>5.5</i>	<i>MIX 100 SK AA2 CEMENT AT 15.6"</i>
	<i>Ø</i>		<i>Ø</i>	<i>Ø</i>	<i>SHUT DOWN / WASH PUMP AND LINES</i>
<i>6:30</i>	<i>Ø</i>		<i>Ø</i>	<i>Ø</i>	<i>RELEASE PLUG</i>
<i>6:34</i>	<i>250</i>		<i>Ø</i>	<i>6.5</i>	<i>START DISP. WITH H2O</i>
	<i>400</i>		<i>47</i>	<i>5.8</i>	<i>LIFT PSI</i>
	<i>1000</i>		<i>75</i>	<i>2.5</i>	<i>SLOW RATE</i>
<i>6:50</i>	<i>1500</i>		<i>85</i>	<i>Ø</i>	<i>PLUG DOWN</i>
					<i>RHT MTH</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>
					<i>JOE</i>



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C**

445 Union Blvd Ste #208 Lakewood CO 80228

ATTN: Jeremy Schwartz

W-S #1-15

15-18s-14W Barton

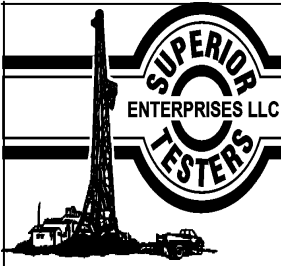
Start Date: 2013.07.10 @ 19:07:00

End Date: 2013.07.11 @ 02:54:00

Job Ticket #: 17005 DST #: 1

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

Printed: 2013.07.11 @ 04:38:02



DRILL STEM TEST REPORT

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17005

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.07.10 @ 19:07:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:30

Time Test Ended: 02:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jared Scheck

Unit No: 3320-Great Bend-

Interval: 3315.00 ft (KB) To 3340.00 ft (KB) (TVD)

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3340.00 ft (KB) (TVD)

1929.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6731

Press@RunDepth: 852.42 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.10

End Date:

2013.07.11

Last Calib.:

2013.07.11

Start Time: 19:08:00

End Time:

02:54:00

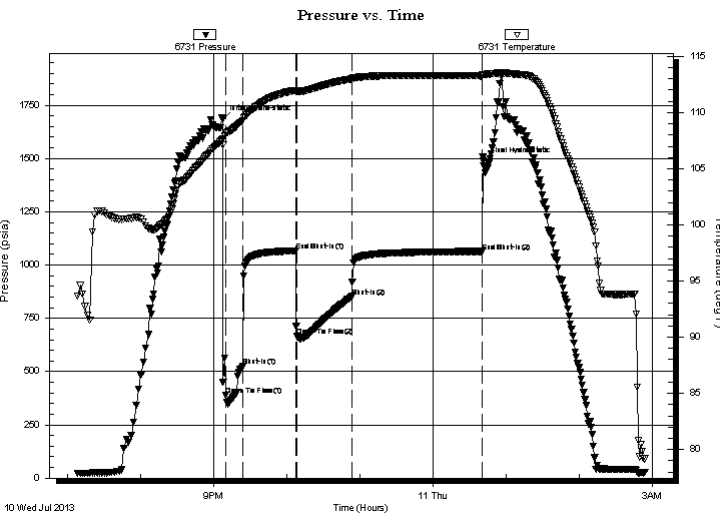
Time On Btm:

2013.07.10 @ 21:07:00

Time Off Btm:

2013.07.11 @ 00:41:00

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 1 minutes
 1st Shut-in 45 Minutes-Bottom of bucket blow back gas to surface throughout shut-in
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 1 minute gas to surface 1 minute into open
 2nd Shut-in 90 Minutes-Bottom of bucket blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1680.76	107.63	Initial Hydro-static
3	389.73	108.22	Open To Flow (1)
17	523.69	109.29	Shut-In(1)
60	1066.31	111.97	End Shut-In(1)
61	664.71	111.86	Open To Flow (2)
106	852.42	112.99	Shut-In(2)
213	1064.07	113.26	End Shut-In(2)
214	1487.14	113.39	Final Hydro-static

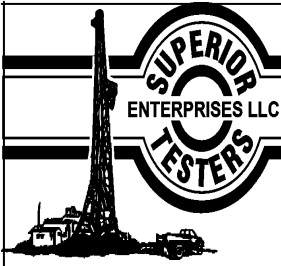
Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud cut Oil 50%oil 50%mud	0.59
2844.00	Reversed out clean gassy oil	37.98
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	34.50	54.73
Last Gas Rate	0.25	34.50	54.73
Max. Gas Rate	0.25	34.50	54.73

* Recovery from multiple tests



DRILL STEM TEST REPORT

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17005

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.07.10 @ 19:07:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:30

Time Test Ended: 02:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jared Scheck

Unit No: 3320-Great Bend-

Interval: 3315.00 ft (KB) To 3340.00 ft (KB) (TVD)

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3340.00 ft (KB) (TVD)

1929.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8525

Press@RunDepth: 1068.13 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.10

End Date: 2013.07.11

Last Calib.: 2013.07.11

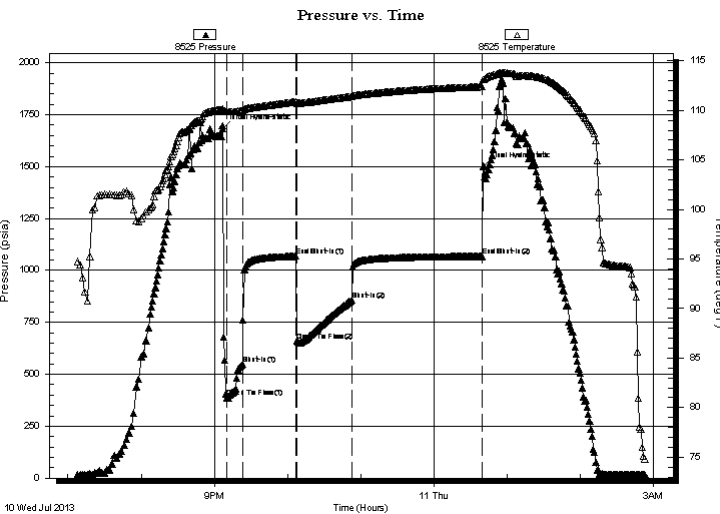
Start Time: 19:08:00

End Time: 02:52:30

Time On Btm: 2013.07.10 @ 21:07:00

Time Off Btm: 2013.07.11 @ 00:40:30

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 1 minutes
 1st Shut-in 45 Minutes-Bottom of bucket blow back gas to surface throughout shut-in
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 1 minute gas to surface 1 minute into open
 2nd Shut-in 90 Minutes-Bottom of bucket blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1684.27	110.14	Initial Hydro-static
4	388.27	109.87	Open To Flow (1)
16	548.20	109.96	Shut-In(1)
60	1068.67	110.86	End Shut-In(1)
61	660.06	110.74	Open To Flow (2)
106	858.77	111.40	Shut-In(2)
213	1068.13	112.38	End Shut-In(2)
214	1501.19	113.07	Final Hydro-static

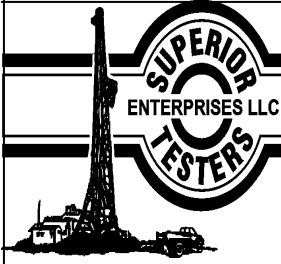
Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud cut Oil 50%oil 50%mud	0.59
2844.00	Reversed out clean gassy oil	37.98
0.00		0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	34.50	54.73
Last Gas Rate	0.25	34.50	54.73
Max. Gas Rate	0.25	34.50	54.73



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17005

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.07.10 @ 19:07:00

Tool Information

Drill Pipe:	Length: 2964.00 ft	Diameter: 3.80 inches	Volume: 41.58 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: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 43.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3315.00 ft			Final 80000.00 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: Dropped bar / reversed out clean gassy oil /gravity oil 45

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3292.00	
Hydraulic Tool	5.00			3297.00	
Jars	6.00			3303.00	
Safety Joint	2.00			3305.00	
Packer	5.00			3310.00	28.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Anchor	20.00			3335.00	
Recorder	1.00	6731	Inside	3336.00	
Recorder	1.00	8525	Outside	3337.00	
Bullnose	3.00			3340.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17005

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.07.10 @ 19:07:00

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: 48.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud cut Oil 50%oil 50%mud	0.590
2844.00	Reversed out clean gassy oil	37.981
0.00		0.000

Total Length: 2964.00 ft Total Volume: 38.571 bbl

Num Fluid Samples: 0

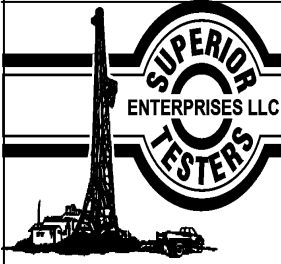
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2844 reversed out /Dropped bar/gas sample was taken/Gravity oil 45



DRILL STEM TEST REPORT

GAS RATES

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17005

DST#: 1

ATTN: Jeremy Schwartz

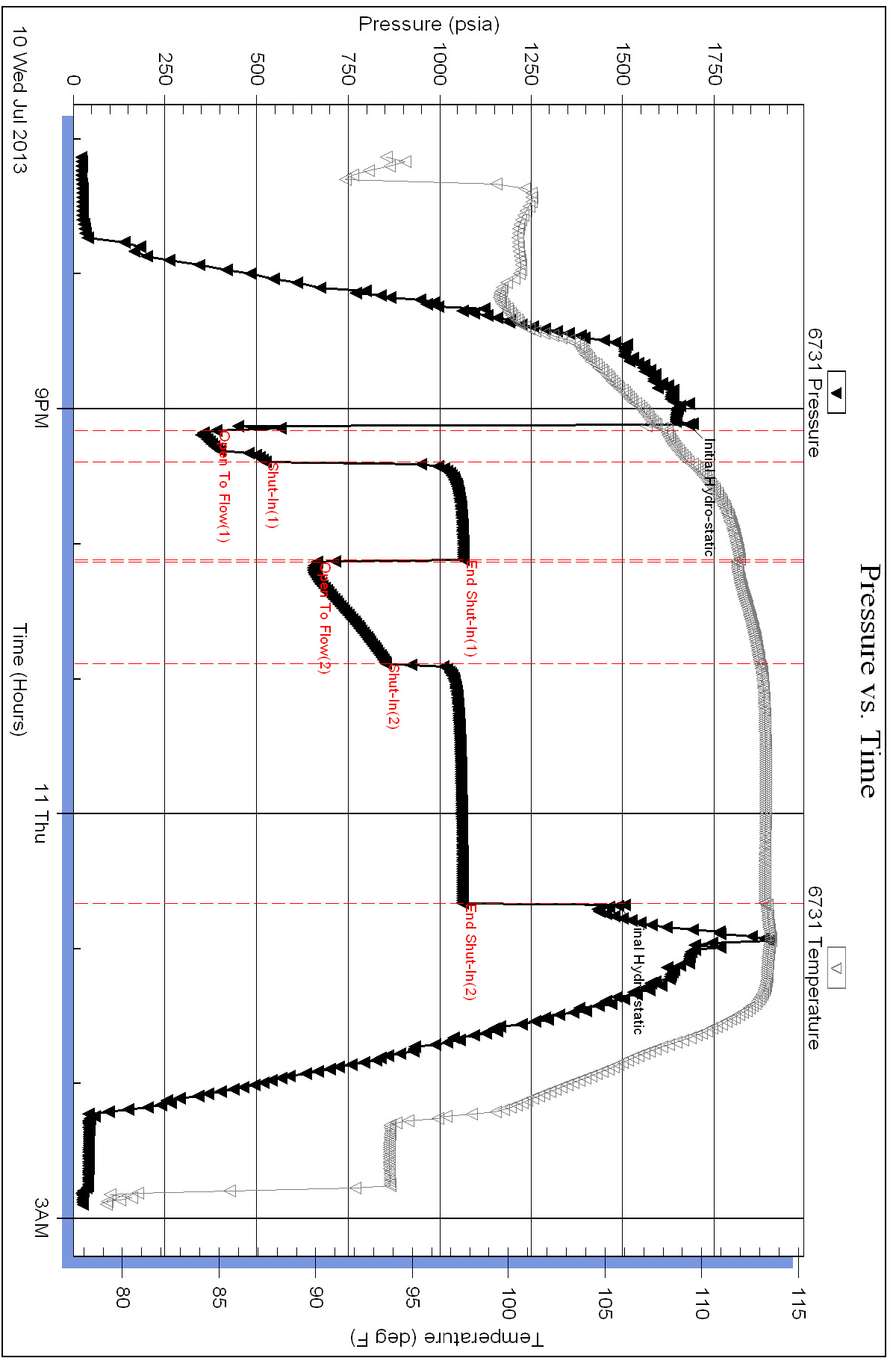
Test Start: 2013.07.10 @ 19:07:00

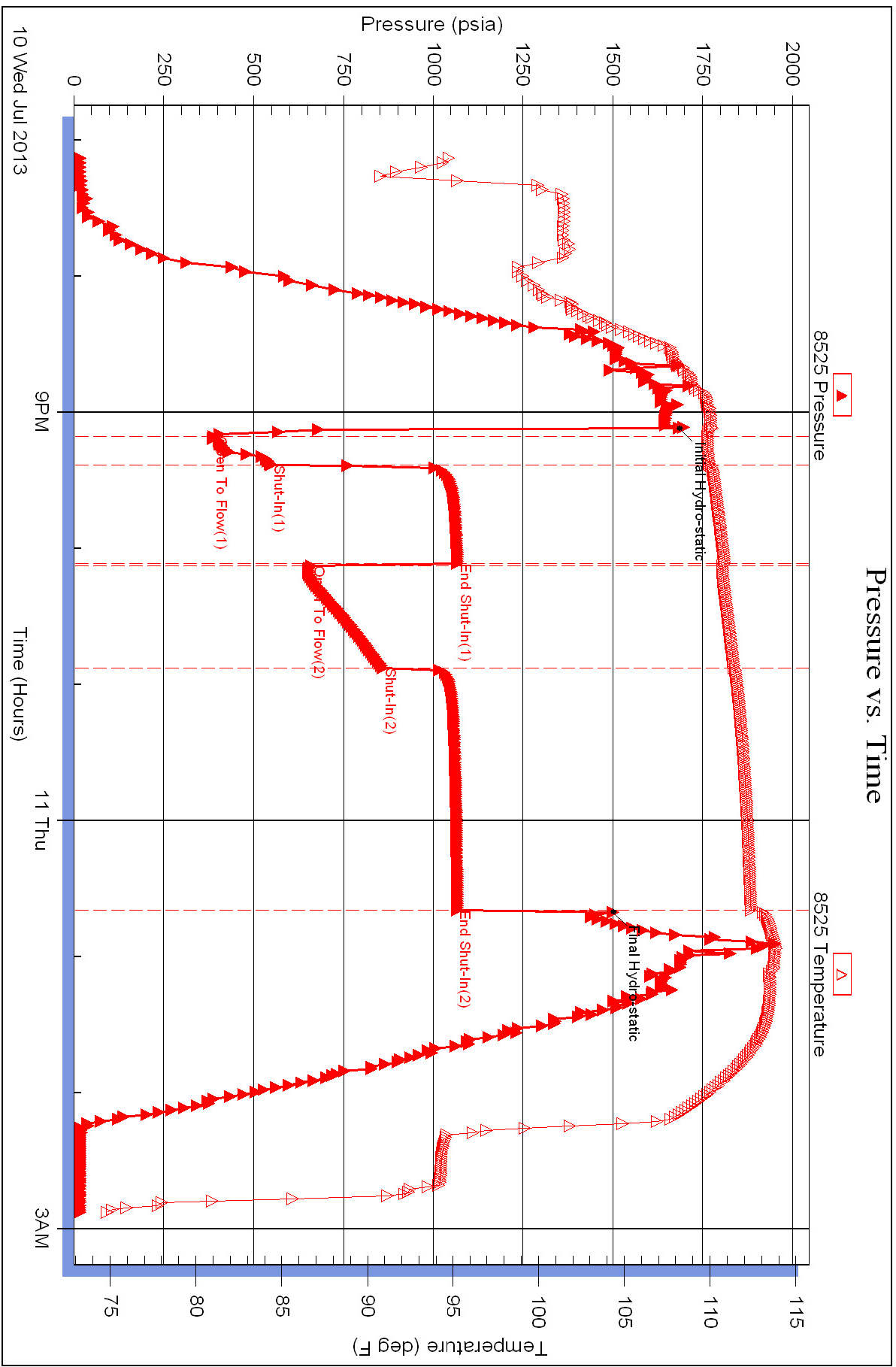
Gas Rates Information

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	0.25	34.50	54.73
2	20	0.25	34.50	54.73
2	30	0.25	34.50	54.73
2	40	0.25	34.50	54.73







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C**

445 Union Blvd Ste #208 Lakewood CO 80228

ATTN: Jeremy Schwartz

W-S #1-15

15-18s-14W Barton

Start Date: 2013.07.11 @ 13:10:00

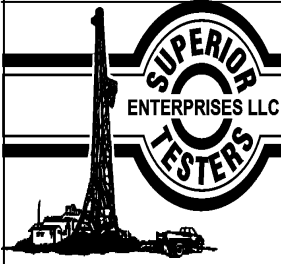
End Date: 2013.07.11 @ 17:35:00

Job Ticket #: 17006 DST #: 2

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

Printed: 2013.07.11 @ 17:49:35

Shelby Resources L.L.C
15-18s-14W Barton
W-S #1-15
DST # 2
Lansing "LK"
2013.07.11



DRILL STEM TEST REPORT

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17006

DST#:2

ATTN: Jeremy Schwartz

Test Start: 2013.07.11 @ 13:10:00

GENERAL INFORMATION:

Formation: **Lansing "I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:53:00

Time Test Ended: 17:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-30

Interval: 3347.00 ft (KB) To 3420.00 ft (KB) (TVD)

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

1929.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 67631

Press@RunDepth: 85.88 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.11

End Date: 2013.07.11

Last Calib.: 2013.07.11

Start Time: 13:10:00

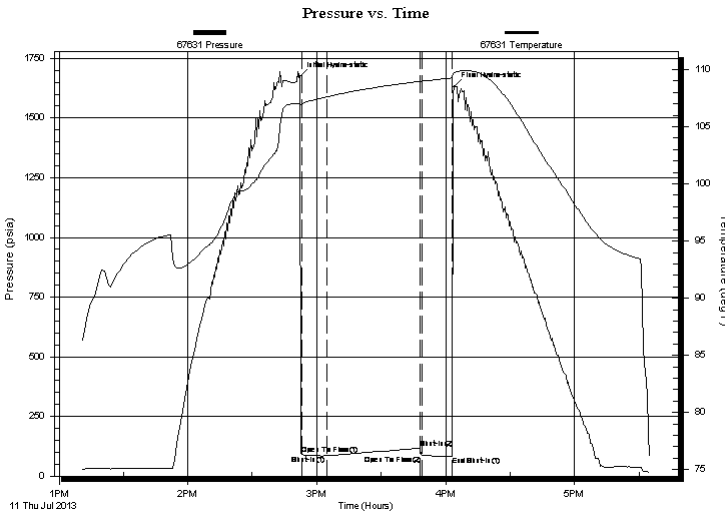
End Time: 17:35:00

Time On Btm: 2013.07.11 @ 14:52:00

Time Off Btm: 2013.07.11 @ 16:04:00

TEST COMMENT: 1st Opening 10 Minutes-Very weak surface blow did not build
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 10 Minutes-Very weak surge did not build pulled tool

PRESSURE SUMMARY



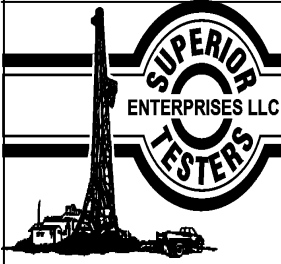
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1673.54	107.08	Initial Hydro-static
1	91.19	106.98	Open To Flow (1)
13	85.88	107.60	Shut-In(1)
56	116.85	108.96	Shut-In(2)
57	88.80	108.97	Open To Flow (2)
71	81.62	109.26	End Shut-In(1)
72	1630.46	109.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	5% oil 95% mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17006

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2013.07.11 @ 13:10:00

Tool Information

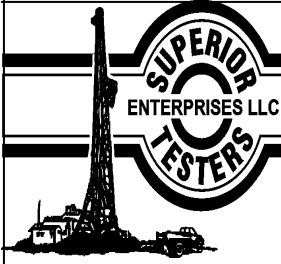
Drill Pipe:	Length: 2999.00 ft	Diameter: 3.80 inches	Volume: 42.07 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 43.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3347.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 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			3324.00	
Hydraulic Tool	5.00			3329.00	
Jars	6.00			3335.00	
Safety Joint	2.00			3337.00	
Packer	5.00			3342.00	28.00 Bottom Of Top Packer
Packer	5.00			3347.00	
Anchor	5.00			3352.00	
Change Over Sub	0.75			3352.75	
Drill Pipe	31.50			3384.25	
Change Over Sub	0.75			3385.00	
Anchor	30.00			3415.00	
Recorder	1.00	6731	Inside	3416.00	
Recorder	1.00	8525	Outside	3417.00	
Bullnose	3.00			3420.00	73.00 Bottom Packers & Anchor

Total Tool Length: 101.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17006

DST#:2

ATTN: Jeremy Schwartz

Test Start: 2013.07.11 @ 13:10:00

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: bbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	5% oil 95% mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

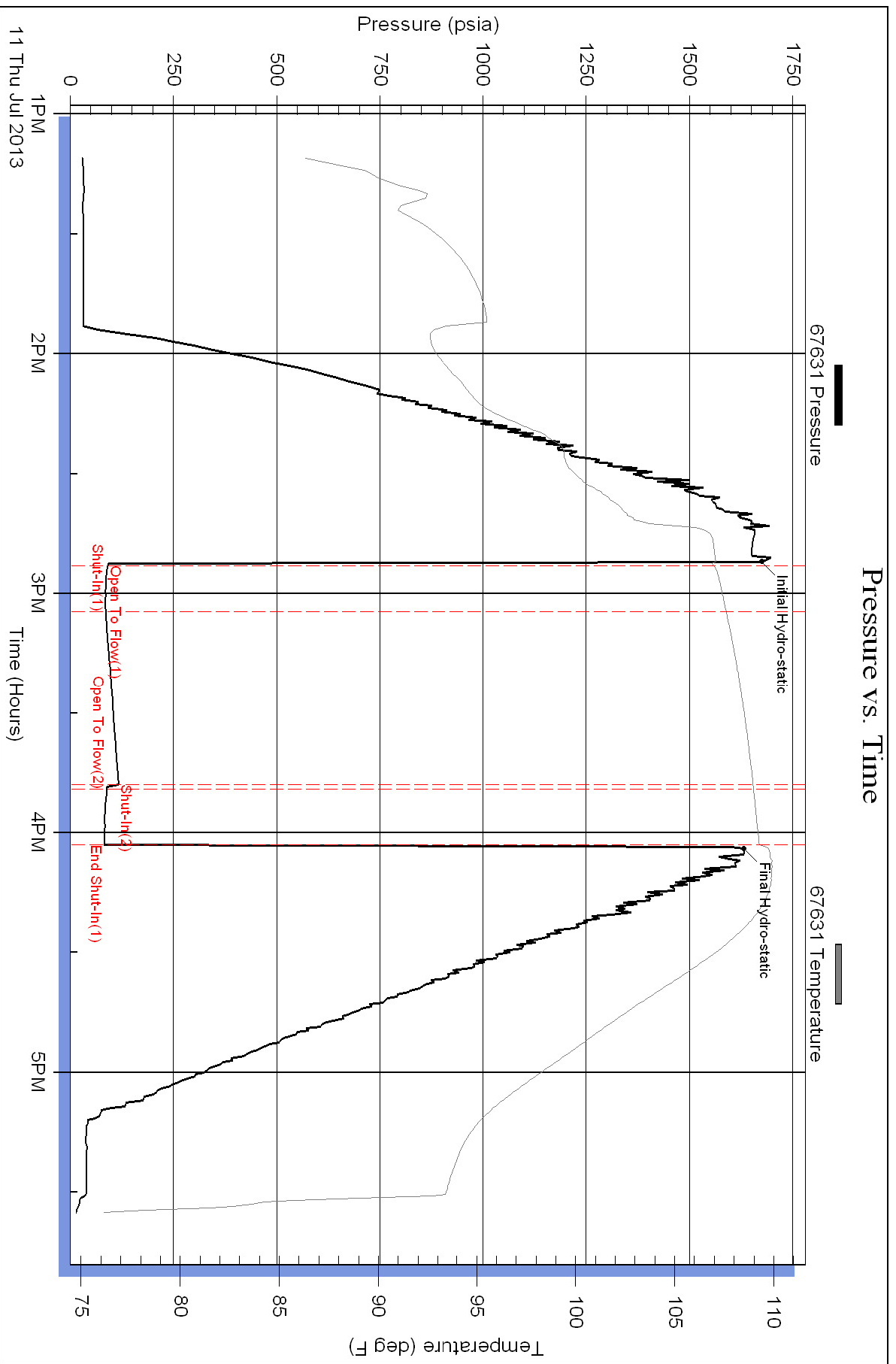
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C**

445 Union Blvd Ste #208 Lakewood CO 80228

ATTN: Jeremy Schwartz

W-S #1-15

15-18s-14W Barton

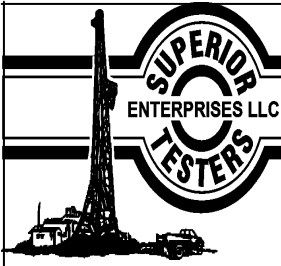
Start Date: 2013.07.12 @ 02:06:00

End Date: 2013.07.12 @ 08:07:30

Job Ticket #: 17007 DST #: 3

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

Printed: 2013.07.12 @ 08:25:16



DRILL STEM TEST REPORT

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17007

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.07.12 @ 02:06:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:44:30

Time Test Ended: 08:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-30

Interval: 3404.00 ft (KB) To 3451.00 ft (KB) (TVD)

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3451.00 ft (KB) (TVD)

1929.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6731

Press@RunDepth: 111.19 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.12

End Date: 2013.07.12

Last Calib.: 2013.07.12

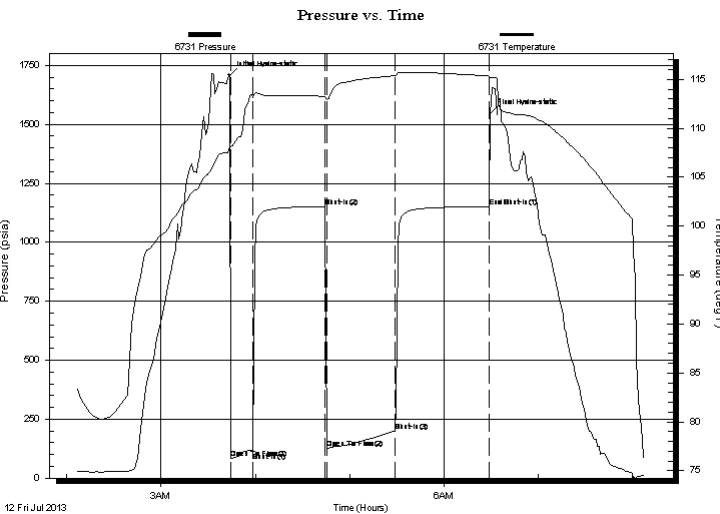
Start Time: 02:06:00

End Time: 08:07:30

Time On Btm: 2013.07.12 @ 03:43:30

Time Off Btm: 2013.07.12 @ 06:29:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 4 inches into bucket w ater in 15 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 45 Minutes-Weak blow built 10 inches into bucket w ater in 45 minutes
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1708.47	108.17	Initial Hydro-static
1	86.22	108.11	Open To Flow (1)
15	111.19	113.17	Shut-In(1)
61	1151.75	113.28	Shut-In(2)
62	125.82	112.95	Open To Flow (2)
106	201.04	115.36	Shut-In(3)
165	1150.62	115.33	End Shut-In(1)
166	1547.26	115.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	40% mud 60% water	0.74
180.00	20% mud 80% water	0.89
0.00	chlorides 18,000 resistivity .2@70 Degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17007

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.07.12 @ 02:06:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:44:30

Time Test Ended: 08:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-30

Interval: 3404.00 ft (KB) To 3451.00 ft (KB) (TVD)

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3451.00 ft (KB) (TVD)

1929.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8159

Press@RunDepth: 1148.13 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.12

End Date: 2013.07.12

Last Calib.: 2013.07.12

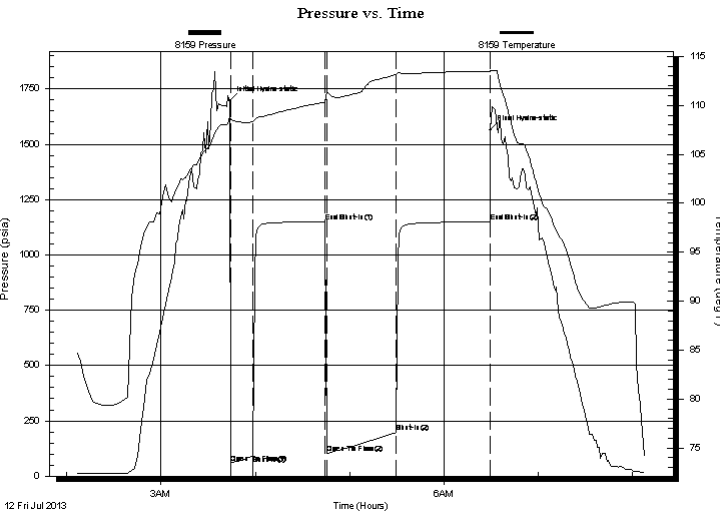
Start Time: 02:06:00

End Time: 08:08:00

Time On Btm: 2013.07.12 @ 03:43:30

Time Off Btm: 2013.07.12 @ 06:29:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 4 inches into bucket w ater in 15 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 45 Minutes-Weak blow built 10 inches into bucket w ater in 45 minutes
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

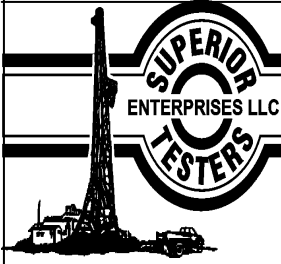
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1699.30	108.90	Initial Hydro-static
1	58.49	108.50	Open To Flow (1)
15	92.77	108.31	Shut-In(1)
61	1149.62	110.32	End Shut-In(1)
62	101.47	111.42	Open To Flow (2)
106	196.50	113.14	Shut-In(2)
166	1148.13	113.48	End Shut-In(2)
166	1563.78	113.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	40% mud 60% water	0.74
180.00	20% mud 80% water	0.89
0.00	chlorides 18,000 resistivity .2@70 Degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17007

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.07.12 @ 02:06:00

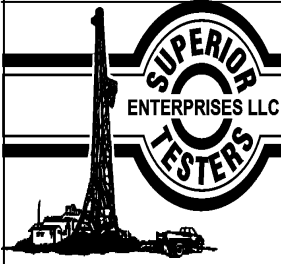
Tool Information

Drill Pipe:	Length: 3062.00 ft	Diameter: 3.80 inches	Volume: 42.95 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: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 44.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	3404.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			3381.00	
Hydraulic Tool	5.00			3386.00	
Jars	6.00			3392.00	
Safety Joint	2.00			3394.00	
Packer	5.00			3399.00	28.00 Bottom Of Top Packer
Packer	5.00			3404.00	
Anchor	42.00			3446.00	
Recorder	1.00	6731	Inside	3447.00	
Recorder	1.00		Outside	3448.00	
Bullnose	3.00			3451.00	47.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources L.L.C

15-18s-14W Barton

445 Union Blvd Ste #208 Lakewood CO 80228

W-S #1-15

Job Ticket: 17007

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.07.12 @ 02:06:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	40% mud 60% water	0.738
180.00	20% mud 80% water	0.885
0.00	chlorides 18,000 resistivity .2@70 Degree	0.000

Total Length: 330.00 ft

Total Volume: 1.623 bbl

Num Fluid Samples: 0

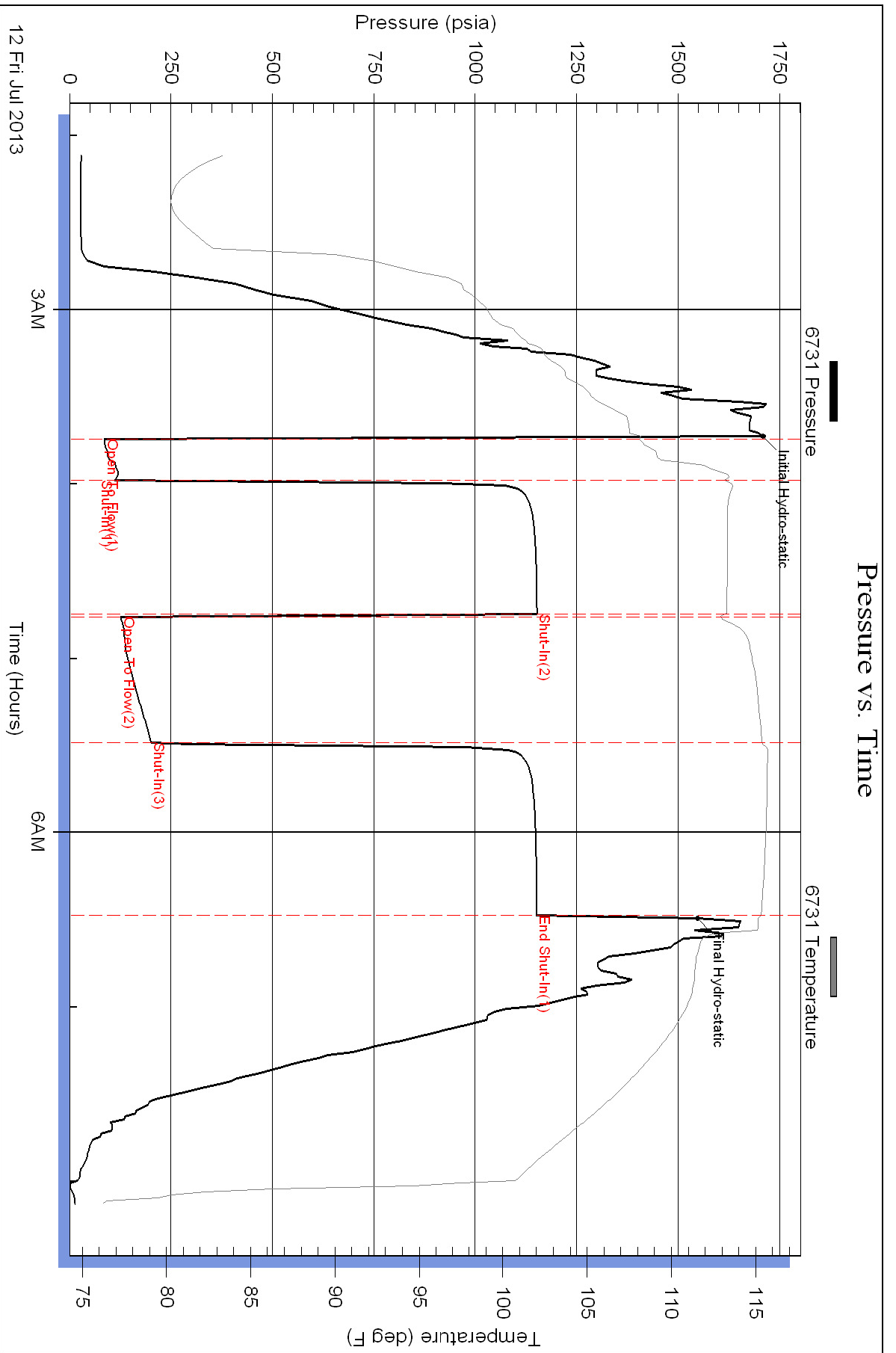
Num Gas Bombs: 0

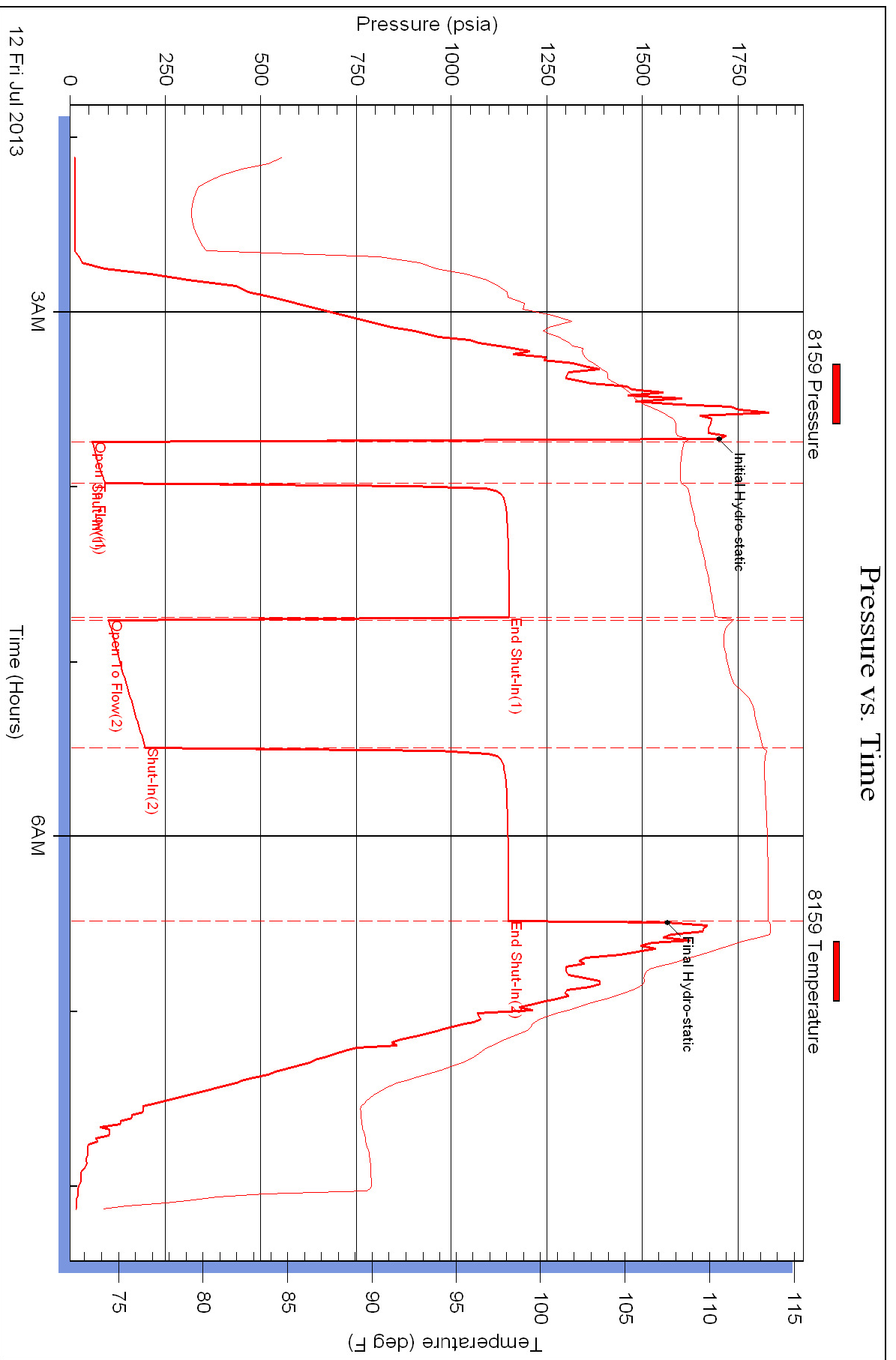
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 08, 2013

Chris Gottschalk
Shelby Resources LLC
2717 Canal Blvd
Suite C
HAYS, KS 67601

Re: ACO1
API 15-009-25850-00-00
W-S 1-15
SW/4 Sec.15-18S-14W
Barton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Chris Gottschalk