



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1161944
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
-----------------------------------	-----------------	---

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: _____



1161944

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	K-F Unit 1-34
Doc ID	1161944

All Electric Logs Run

Dual Inductiion
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. 6879

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-25-13	34	17	14	Barton	KS		1:15 PM

Location *1 N of Boid Wn 2*

Lease <i>k-F Unit</i>	Well No. <i>1-34</i>	Owner
-----------------------	----------------------	-------

Contractor <i>sterling 5</i>	To Quality Oilwell Cementing, Inc.
Type Job <i>Surface</i>	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 <i>1 2 1/4</i>	T.D. <i>826</i>	Charge To <i>Shelby Resources</i>
--------------------------	-----------------	-----------------------------------

Csg. <i>8 5/8</i>	Depth <i>821.64</i>	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 <i>42.32</i>	Cement Amount Ordered <i>375 3/4 3%cc 2%gel</i>
---------------------	-------------------------	---

Meas Line	Displace <i>49 1/2 bbl</i>	
-----------	----------------------------	--

EQUIPMENT

Pumptrk <i>5</i>	No.	Cementer Helper <i>Matt</i>	Common <i>225</i>
------------------	-----	-----------------------------	-------------------

Bulktrk <i>12</i>	No.	Driver <i>Heath</i>	Poz. Mix <i>150</i>
-------------------	-----	---------------------	---------------------

Bulktrk <i>P4</i>	No.	Driver <i>Travis</i>	Gel. <i>1</i>
-------------------	-----	----------------------	---------------

			Calcium <i>18</i>
--	--	--	-------------------

JOB SERVICES & REMARKS

Remarks: <i>Cement did Circulate</i>	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 <i>389</i>
--	---------------------

	Mileage
--	---------

FLOAT EQUIPMENT

	Guide Shoe <i>1</i>
--	---------------------

	Centralizer
--	-------------

	Baskets
--	---------

	AFU Inserts
--	-------------

	Float Shoe
--	------------

	Latch Down
--	------------

	<i>1 battal Plate</i>
--	-----------------------

	<i>1 Rubber Plug</i>
--	----------------------

	Pumptrk Charge <i>Long Surface</i>
--	------------------------------------

	Mileage <i>18</i>
--	-------------------

	Tax
--	-----

	Discount
--	----------

	Total Charge
--	--------------

X Signature *Alan Loffe*

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. 7763

Date	9-1-13	Sec.	34	Twp.	17	Range	14	County	Barton	State	Ks	On Location		Finish	6:30 AM				
Lease								Location		Russell Ks - 5 to 281 + 4 Hwy Jet									
K-F unit								Well No.		1-34									
Contractor								#5		Owner 1/2 S 1/4 W/5									
Type Job								Sterling		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.									
Hole Size								7 7/8"		T.D.		3430'				Charge To		Shelby Resources	
Csg.								Depth		Street									
Tbg. Size								4 1/2" D.P.		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 225 SX 60140 4% Gel 1/4#									
Meas Line								Displace		H2O/mud		Flo-seal							
EQUIPMENT												Common				135			
Pumptrk		16		No.		Cementer		Billy		Helper		Poz. Mix		90					
Bulktrk		13		No.		Driver		Lonnie		Driver		Gel.		8					
Bulktrk		P.U.		No.		Driver		Rick		Driver		Calcium							
JOB SERVICES & REMARKS												Hulls							
Remarks:												Salt							
Rat Hole												Flowseal 50ft							
Mouse Hole												3322' - 50 SX							
Centralizers												870' - 40 SX							
Baskets												200' - 80 SX							
D/V or Port Collar												40' - 10 SX w/plug							
Rathole												- 30 SX							
mouse hole												- 15 SX							
Cement did												Circulate							
												Guide Shoe							
												Centralizer							
												Baskets							
												AFU Inserts							
												Float Shoe							
												Latch Down							
												1 - Dry hole plug							
												Pumptrk Charge plug							
												Mileage 18 plug							
												Tax							
												Discount							
												Total Charge							
Signature												Alan Foster							



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

K-F Unit #1-34

34/17s/14w/Barton

Start Date: 2013.08.28 @ 12:55:00

End Date: 2013.08.28 @ 20:14:30

Job Ticket #: 18486 DST #: 1

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

Printed: 2013.08.28 @ 20:28:39



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18486

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.08.28 @ 12:55:00

Tool Information

Drill Pipe:	Length: 2769.00 ft	Diameter: 3.80 inches	Volume: 38.84 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: 329.68 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 40.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.68 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3103.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.41 ft			
Tool Length:	111.41 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3075.00	
Shut-In Tool	5.00			3080.00	
Hydroic Tool	5.00			3085.00	
Jars	6.00			3091.00	
Safety Joint	2.00			3093.00	
Packer	5.00			3098.00	29.00 Bottom Of Top Packer
Packer	5.00			3103.00	
Perforations	5.00			3108.00	
Change Over Sub	0.75			3108.75	
Drill Pipe	31.91			3140.66	
Change Over Sub	0.75			3141.41	
Perforations	39.00			3180.41	
Recorder	1.00	8405	Inside	3181.41	
Recorder	1.00	8400	Outside	3182.41	
Bullnose	3.00			3185.41	82.41 Bottom Packers & Anchor

Total Tool Length: 111.41



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18486

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2013.08.28 @ 12:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 6900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	No gas	0.000
155.00	100% Mud	0.762

Total Length: 155.00 ft Total Volume: 0.762 bbl

Num Fluid Samples: 0

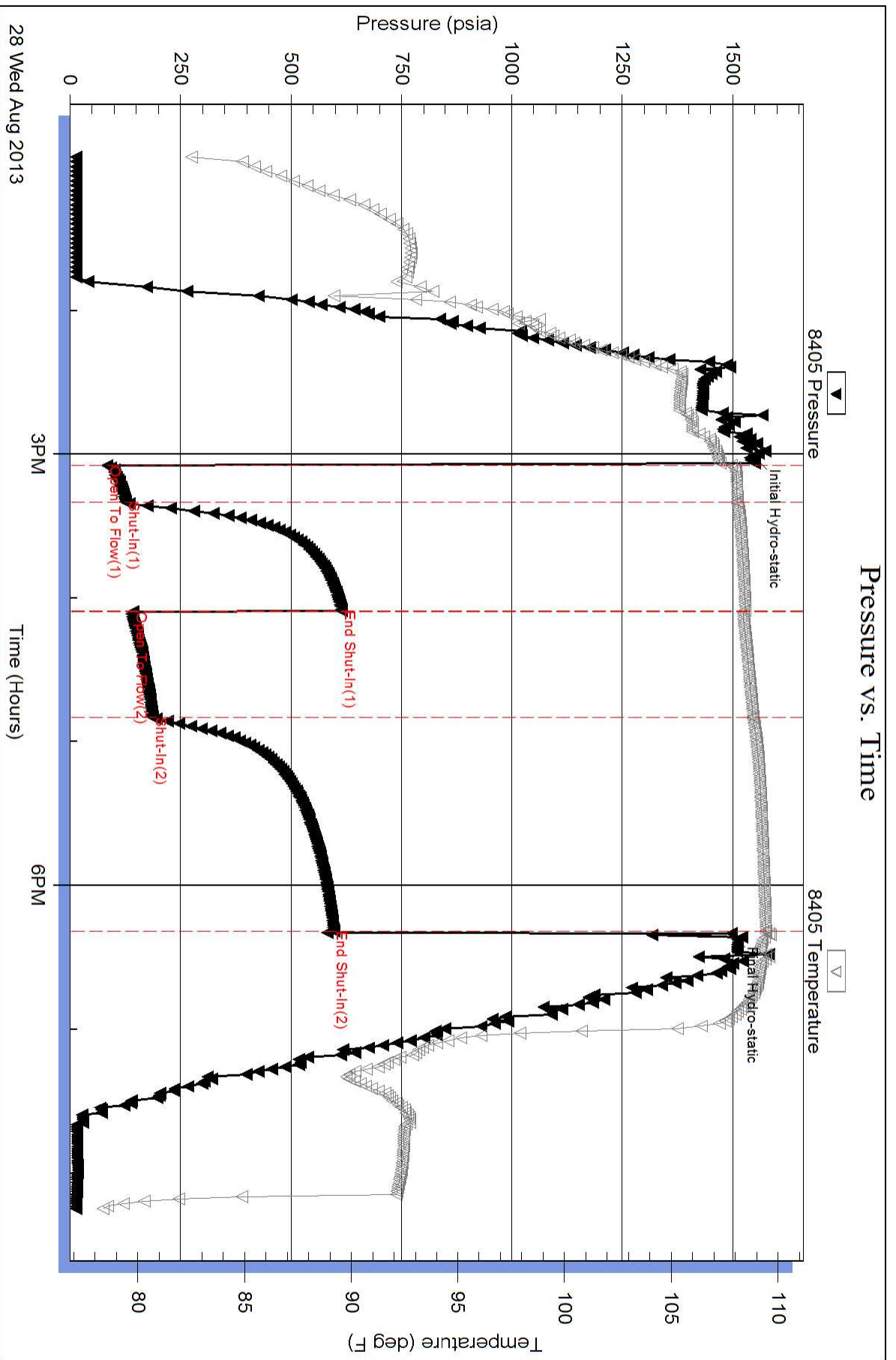
Num Gas Bombs: 0

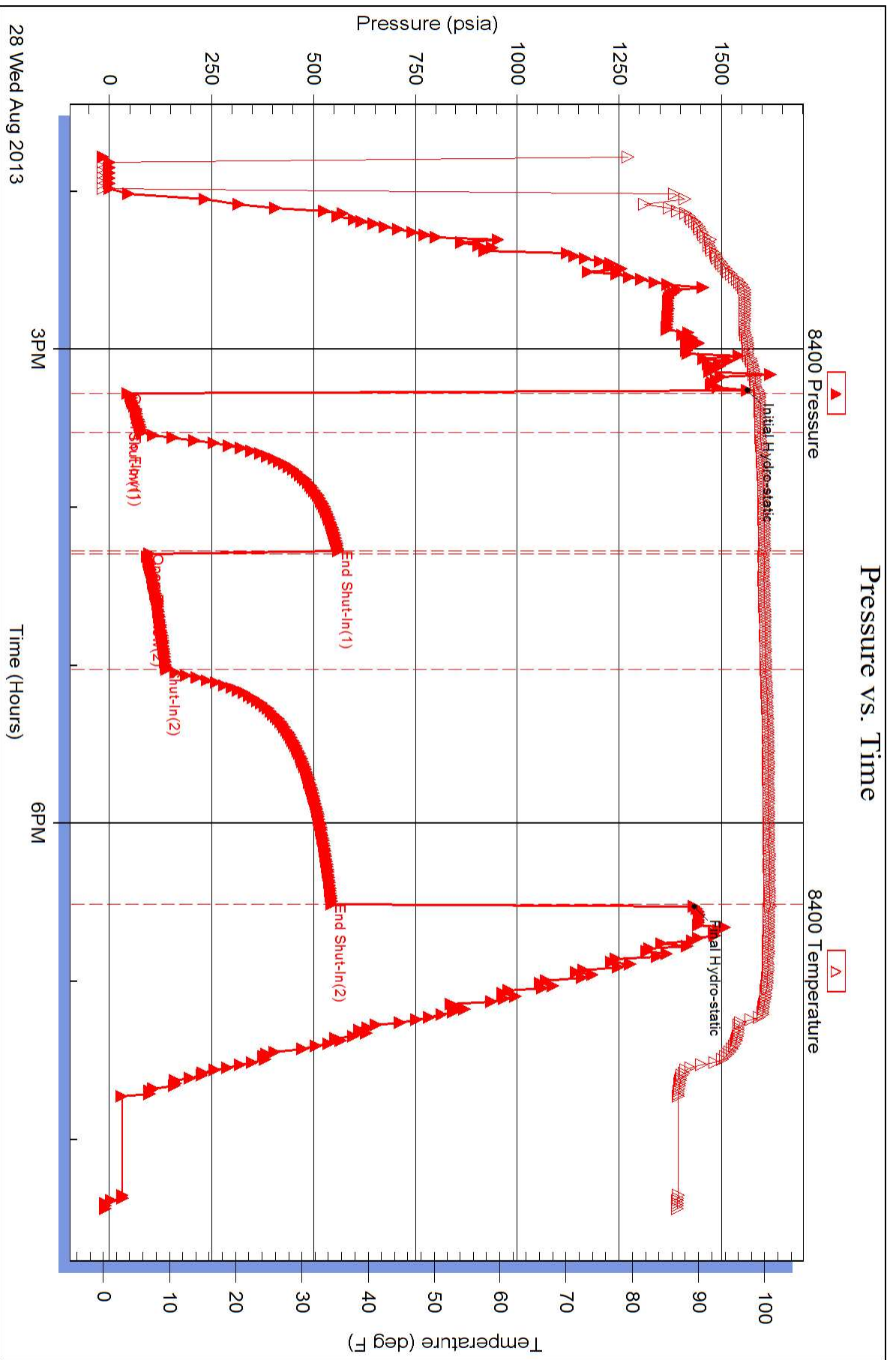
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

K-F Unit #1-34

34/17s/14w/Barton

Start Date: 2013.08.29 @ 10:25:00

End Date: 2013.08.29 @ 15:35:00

Job Ticket #: 18487 DST #: 2

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

Printed: 2013.08.29 @ 15:50:53



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18487

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2013.08.29 @ 10:25:00

Tool Information

Drill Pipe:	Length: 2877.00 ft	Diameter: 3.80 inches	Volume: 40.36 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: 329.68 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 41.98 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	7.68 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3228.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.22 ft			
Tool Length:	116.22 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3200.00	
Shut-In Tool	5.00			3205.00	
Hydroic Tool	5.00			3210.00	
Jars	6.00			3216.00	
Safety Joint	2.00			3218.00	
Packer	5.00			3223.00	29.00 Bottom Of Top Packer
Packer	5.00			3228.00	
Perforations	5.00			3233.00	
Change Over Sub	0.75			3233.75	
Drill Pipe	63.72			3297.47	
Change Over Sub	0.75			3298.22	
Perforations	12.00			3310.22	
Recorder	1.00	8405	Inside	3311.22	
Recorder	1.00	8400	Outside	3312.22	
Bullnose	3.00			3315.22	87.22 Bottom Packers & Anchor

Total Tool Length: 116.22



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18487

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2013.08.29 @ 10:25:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 10.20 in³
Resistivity: ohm.m
Salinity: 8400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	No gas	0.000
20.00	100% Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

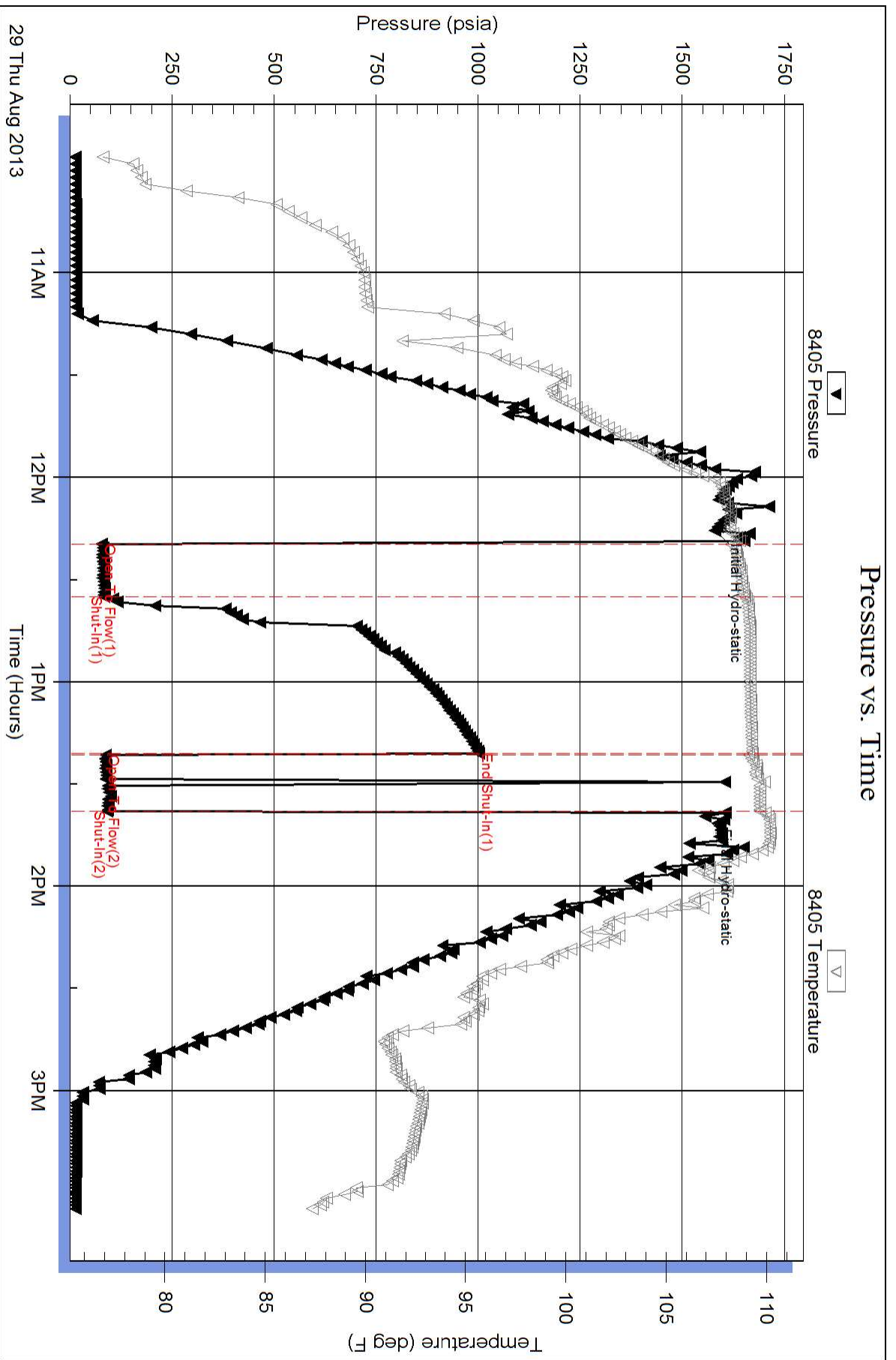
Num Gas Bombs: 0

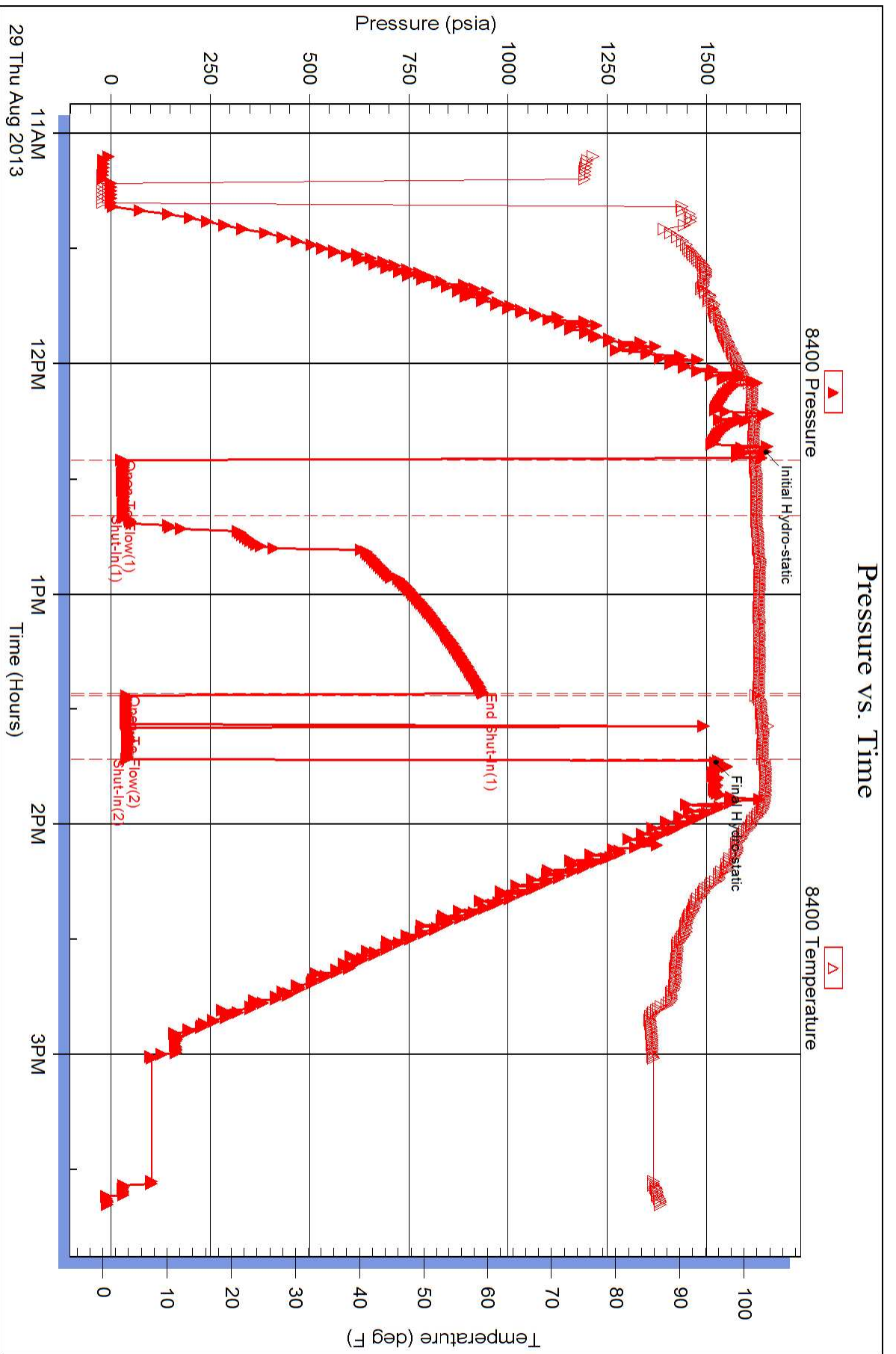
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

K-F Unit #1-34

34/17s/14w/Barton

Start Date: 2013.08.30 @ 02:45:00

End Date: 2013.08.30 @ 10:33:00

Job Ticket #: 18488 DST #: 3

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

Printed: 2013.08.30 @ 10:50:49



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18488

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.08.30 @ 02:45:00

Tool Information

Drill Pipe:	Length: 2961.00 ft	Diameter: 3.80 inches	Volume: 41.54 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: 329.68 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 43.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.68 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3303.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.40 ft			
Tool Length:	81.40 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3275.00	
Shut-In Tool	5.00			3280.00	
Hydroic Tool	5.00			3285.00	
Jars	6.00			3291.00	
Safety Joint	2.00			3293.00	
Packer	5.00			3298.00	29.00 Bottom Of Top Packer
Packer	5.00			3303.00	
Perforations	5.00			3308.00	
Change Over Sub	0.75			3308.75	
Drill Pipe	31.90			3340.65	
Change Over Sub	0.75			3341.40	
Perforations	9.00			3350.40	
Recorder	1.00	8405	Inside	3351.40	
Recorder	1.00	8400	Outside	3352.40	
Bullnose	3.00			3355.40	52.40 Bottom Packers & Anchor

Total Tool Length: 81.40



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18488

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2013.08.30 @ 02:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 10.20 in³
Resistivity: ohm.m
Salinity: 8400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	360 foot gas	0.000
210.00	gassy clean oil	1.033
60.00	15% gas, 30% Oil cut 55% mud	0.295
0.00	Oil gravity w as 40 corrected.	0.000

Total Length: 270.00 ft Total Volume: 1.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

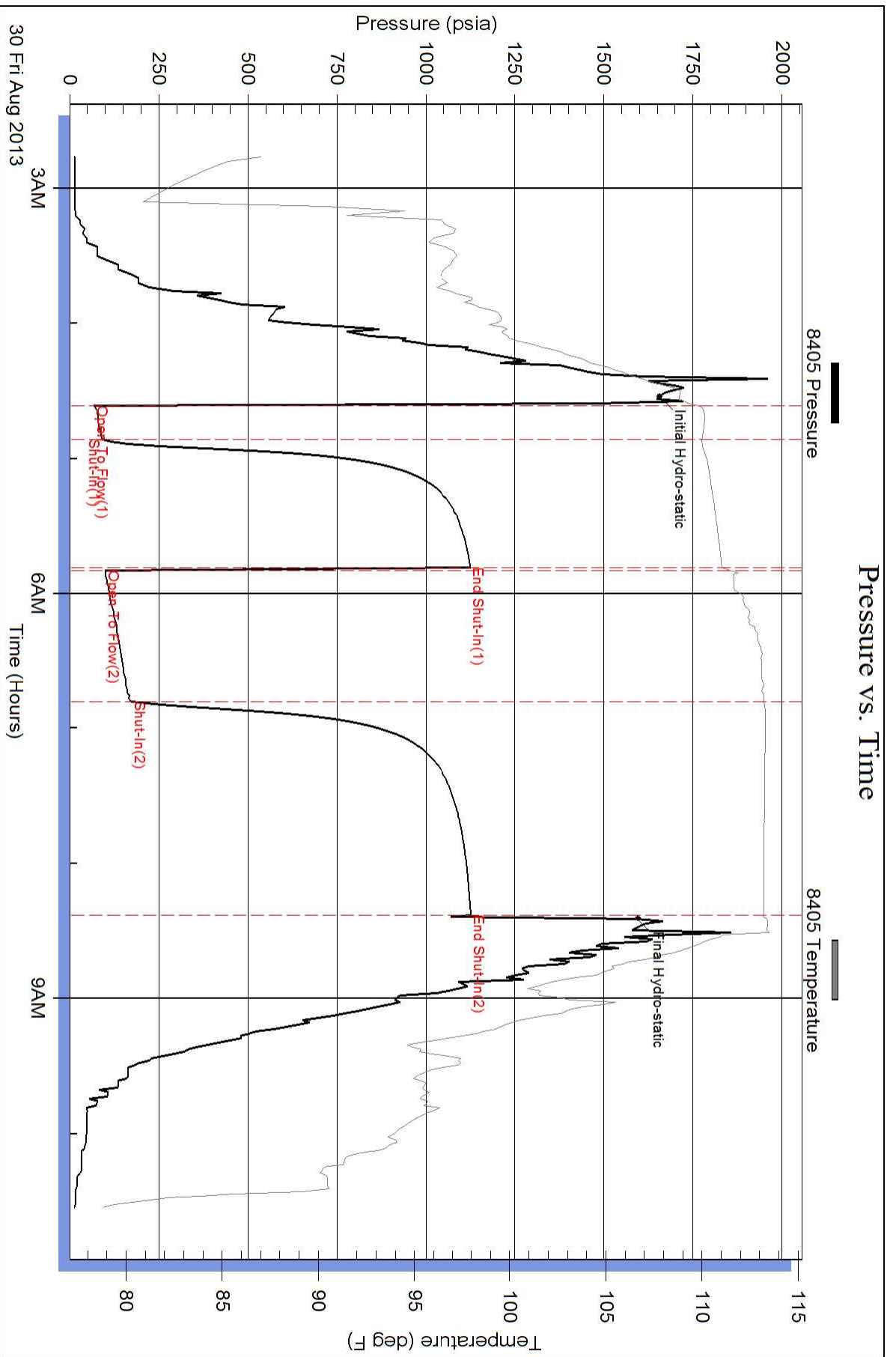
Serial #:

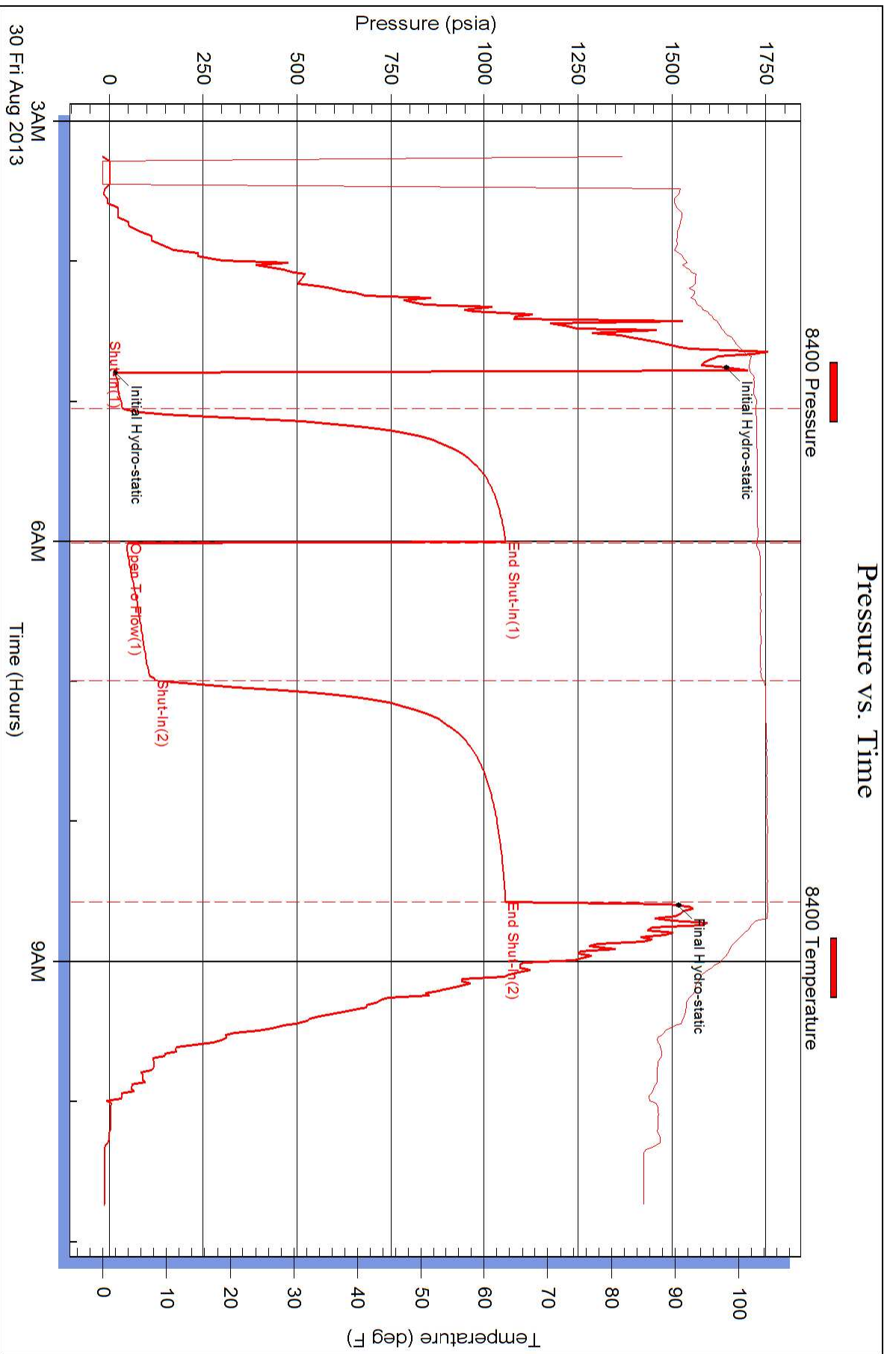
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

K-F Unit #1-34

34/17s/14w/Barton

Start Date: 2013.08.30 @ 16:40:00

End Date: 2013.08.30 @ 21:29:00

Job Ticket #: 18489 DST #: 4

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

Printed: 2013.08.30 @ 21:38:05



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

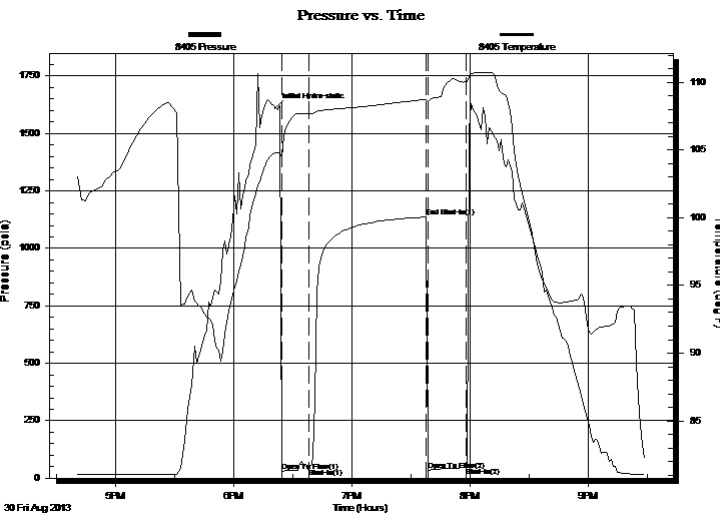
34/17s/14w/Barton
K-F Unit #1-34
 Job Ticket: 18489 **DST#: 4**
 Test Start: 2013.08.30 @ 16:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:24:30 Tester: Shane Konzem
 Time Test Ended: 21:29:00 Unit No: 3330/28/Great Bend
 Interval: **3354.00 ft (KB) To 3361.00 ft (KB) (TVD)** Reference Elevations: 1856.00 ft (KB)
 Total Depth: 3361.00 ft (KB) (TVD) 1843.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 13.00 ft

Serial #: 8405 Inside
 Press @ RunDepth: 42.79 psia @ 3357.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.08.30 End Date: 2013.08.30 Last Calib.: 2013.08.30
 Start Time: 16:40:00 End Time: 21:29:00 Time On Btm: 2013.08.30 @ 18:21:30
 Time Off Btm:

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 60 Minutes. No blow, flushed tool after 5 minutes and still no blow. Pulled test per geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1612.10	104.77	Initial Hydro-static
3	29.92	104.42	Open To Flow (1)
17	42.79	107.65	Shut-In(1)
76	1137.10	108.75	End Shut-In(1)
77	35.63	108.58	Open To Flow (2)
97	45.70	110.04	Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
0.00	No gas	0.00
5.00	100% mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

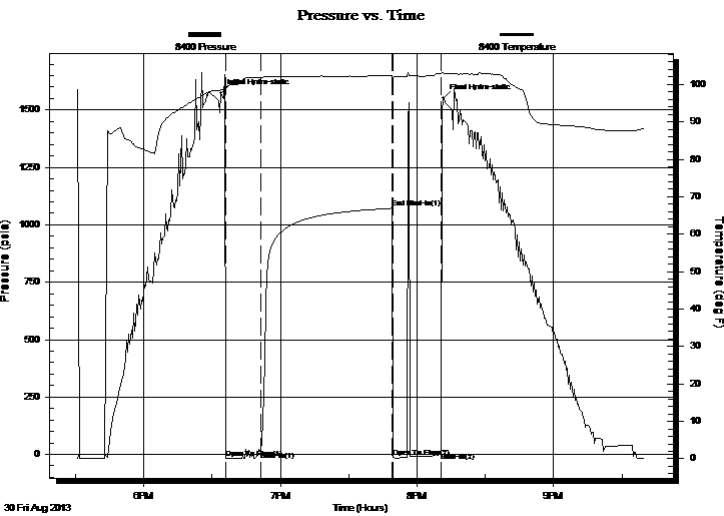
34/17s/14w/Barton
K-F Unit #1-34
 Job Ticket: 18489 **DST#: 4**
 Test Start: 2013.08.30 @ 16:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:24:30
 Tester: Shane Konzem
 Time Test Ended: 21:29:00
 Unit No: 3330/28/Great Bend
Interval: 3354.00 ft (KB) To 3361.00 ft (KB) (TVD)
 Reference Elevations: 1856.00 ft (KB)
 Total Depth: 3361.00 ft (KB) (TVD) 1843.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 13.00 ft

Serial #: 8400 Outside
 Press @ Run Depth: 1071.84 psia @ 3358.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.08.30 End Date: 2013.08.30 Last Calib.: 2013.08.30
 Start Time: 16:40:00 End Time: 21:40:00 Time On Btm: 2013.08.30 @ 18:34:00
 Time Off Btm: 2013.08.30 @ 20:11:30

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 60 Minutes. No blow, flushed tool after 5 minutes and still no blow. Pulled test per geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1572.72	98.54	Initial Hydro-static
2	-16.94	99.03	Open To Flow (1)
18	14.33	101.81	Shut-In(1)
75	1071.84	102.33	End Shut-In(1)
76	-11.94	101.78	Open To Flow (2)
97	8.05	102.85	Shut-In(2)
98	1551.38	103.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	No gas	0.00
5.00	100% mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18489

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2013.08.30 @ 16:40:00

Tool Information

Drill Pipe:	Length: 3021.00 ft	Diameter: 3.80 inches	Volume: 42.38 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: 329.68 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 44.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.68 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3354.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3326.00	
Shut-In Tool	5.00			3331.00	
Hydroic Tool	5.00			3336.00	
Jars	6.00			3342.00	
Safety Joint	2.00			3344.00	
Packer	5.00			3349.00	29.00 Bottom Of Top Packer
Packer	5.00			3354.00	
Perforations	2.00			3356.00	
Recorder	1.00	8405	Inside	3357.00	
Recorder	1.00	8400	Outside	3358.00	
Bullnose	3.00			3361.00	7.00 Bottom Packers & Anchor

Total Tool Length: 36.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18489

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2013.08.30 @ 16:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 63.00 sec/qt

Cushion Volume: bbl

Water Loss: 12.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 9100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	No gas	0.000
5.00	100% mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

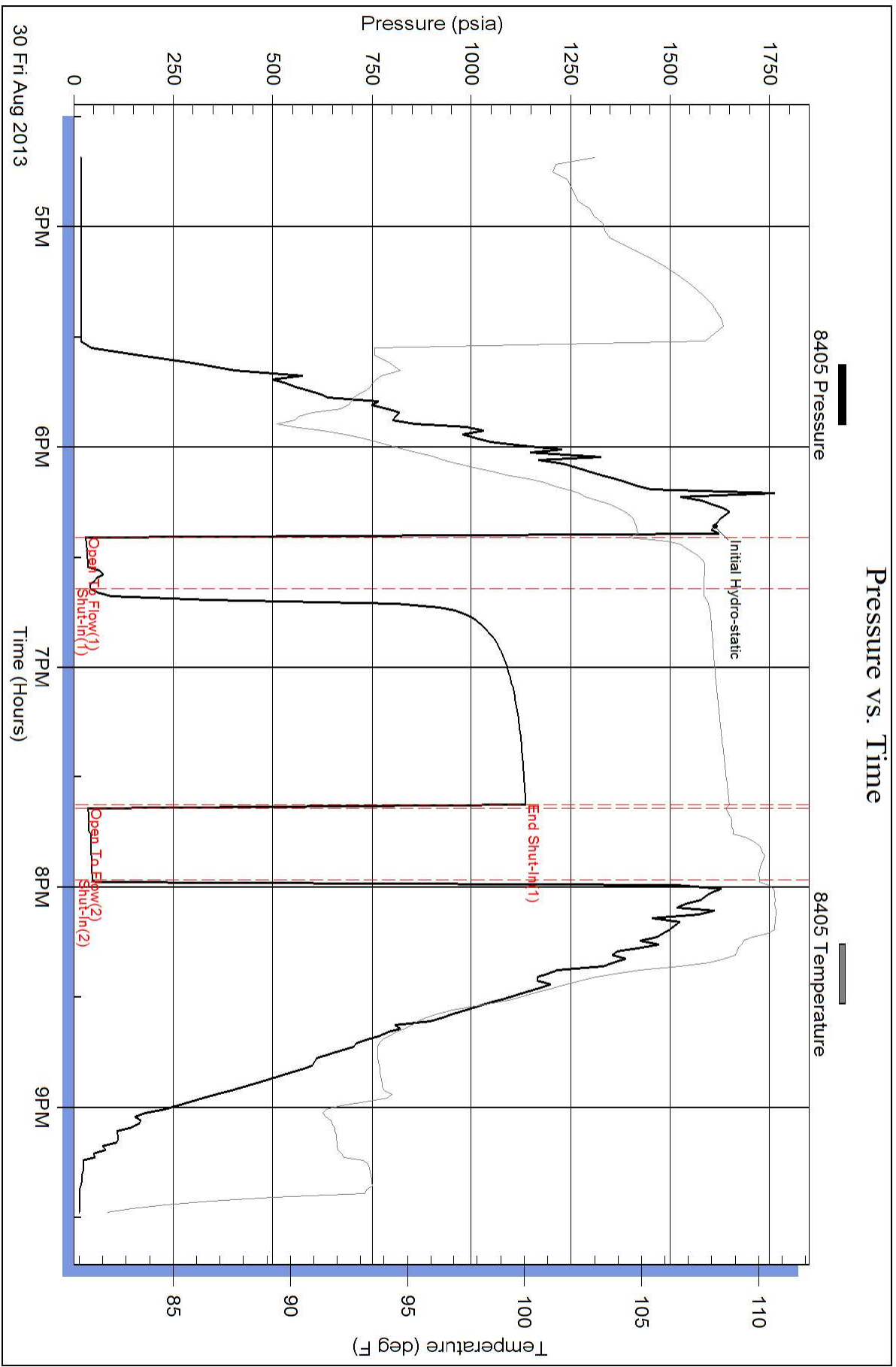
Num Gas Bombs: 0

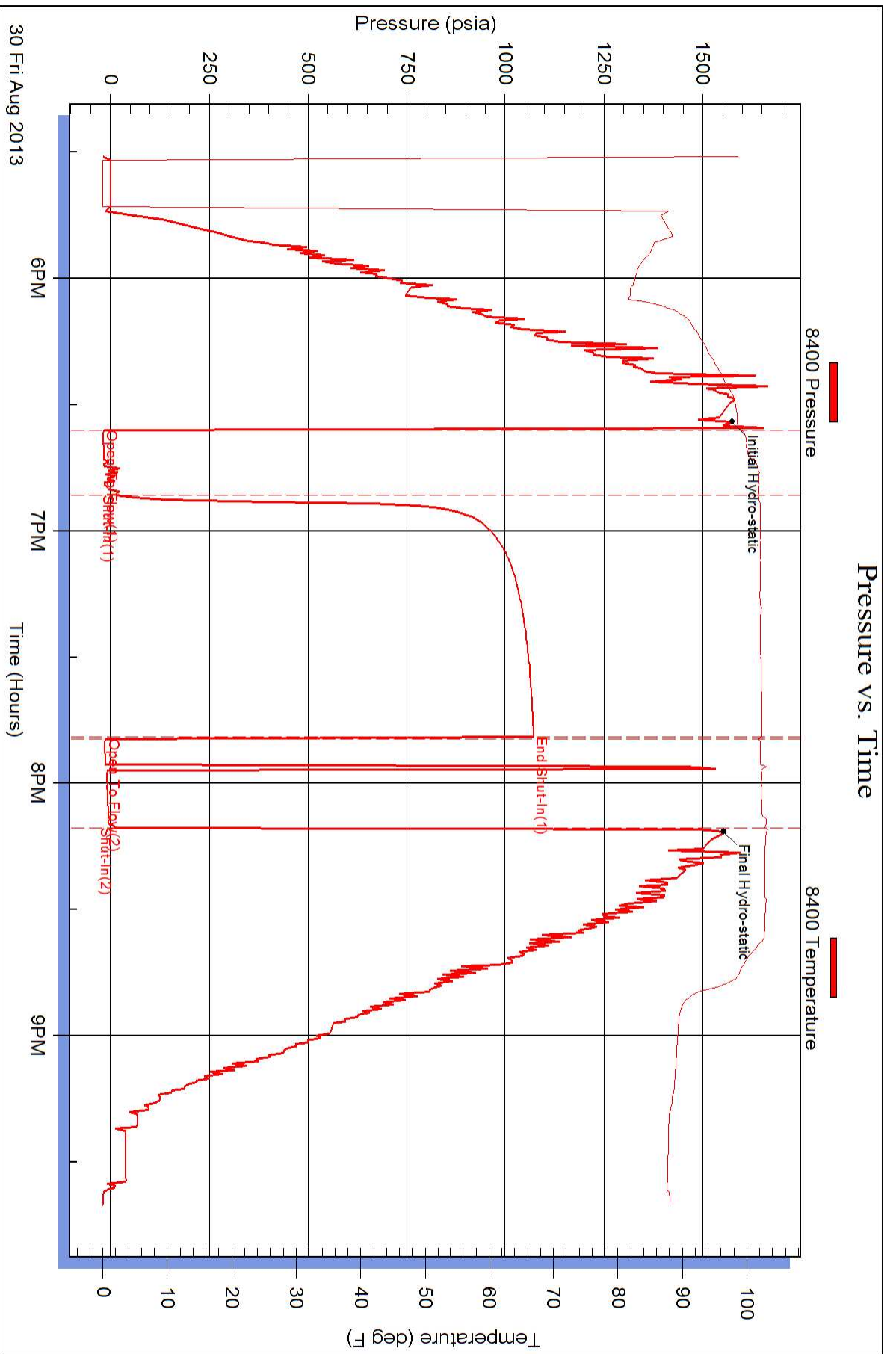
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

K-F Unit #1-34

34/17s/14w/Barton

Start Date: 2013.08.31 @ 03:30:00

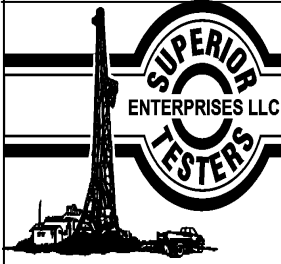
End Date: 2013.08.31 @ 08:06:00

Job Ticket #: 18490 DST #: 5

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

Printed: 2013.08.31 @ 08:30:44

Shelby Resources LLC 34/17s/14w/Barton K-F Unit #1-34 DST # 5 Arbuckle 2013.08.31



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

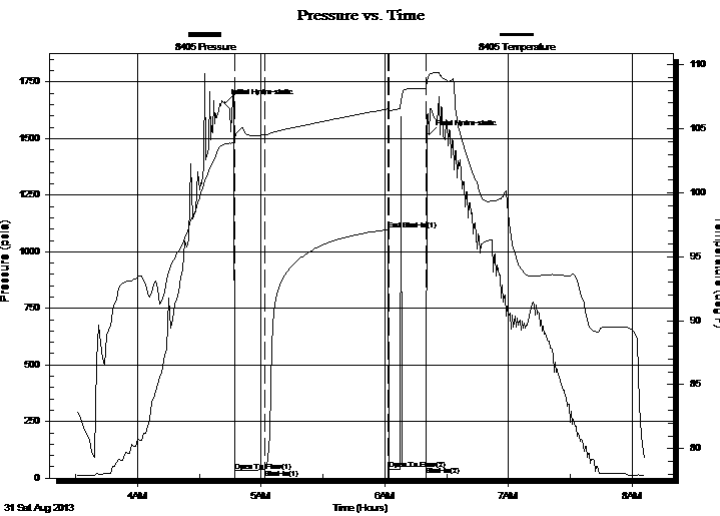
34/17s/14w/Barton
K-F Unit #1-34
 Job Ticket: 18490 **DST#: 5**
 Test Start: 2013.08.31 @ 03:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:47:00
 Time Test Ended: 08:06:00
Interval: 3360.00 ft (KB) To 3367.00 ft (KB) (TVD)
 Total Depth: 3367.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/28/Great Bend
 Reference Elevations: 1856.00 ft (KB)
 1843.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8405 Inside
 Press @ RunDepth: 37.02 psia @ 3363.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.08.31 End Date: 2013.08.31 Last Calib.: 2013.08.31
 Start Time: 03:30:00 End Time: 08:06:00 Time On Btm: 2013.08.31 @ 04:42:30
 Time Off Btm: 2013.08.31 @ 06:21:30

TEST COMMENT: 1st Open/ 15 Minutes. Weak blow built to 1/4 inch in 5 gallon bucket.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 15 Minutes. No blow after five minute, flushed tool and gained no blow. Pulled test per geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1654.89	103.81	Initial Hydro-static
5	32.45	104.20	Open To Flow (1)
20	37.02	104.52	Shut-In(1)
79	1098.12	106.55	End Shut-In(1)
80	37.62	106.39	Open To Flow (2)
98	52.18	108.14	Shut-In(2)
99	1518.91	109.22	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	No gas	0.00
5.00	100% mud.	0.02

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



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

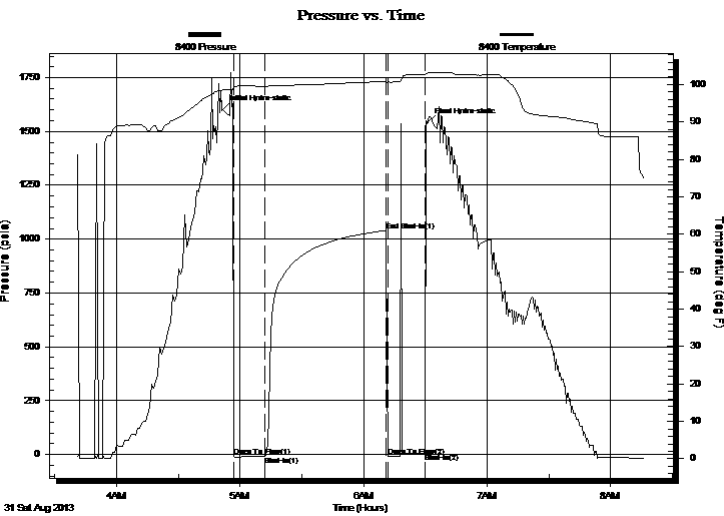
34/17s/14w/Barton
K-F Unit #1-34
 Job Ticket: 18490 **DST#: 5**
 Test Start: 2013.08.31 @ 03:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:47:00
 Time Test Ended: 08:06:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/28/Great Bend
 Interval: **3360.00 ft (KB) To 3367.00 ft (KB) (TVD)**
 Reference Elevations: 1856.00 ft (KB)
 Total Depth: 3367.00 ft (KB) (TVD) 1843.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 13.00 ft

Serial #: 8400 Outside
 Press @ RunDepth: 1040.28 psia @ 3364.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.08.31 End Date: 2013.08.31 Last Calib.: 2013.08.31
 Start Time: 03:30:00 End Time: 08:16:30 Time On Btm: 2013.08.31 @ 04:51:30
 Time Off Btm: 2013.08.31 @ 06:31:00

TEST COMMENT: 1st Open/ 15 Minutes. Weak blow built to 1/4 inch in 5 gallon bucket.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 15 Minutes. No blow after five minute, flushed tool and gained no blow. Pulled test per geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1601.28	98.55	Initial Hydro-static
6	-9.89	99.09	Open To Flow (1)
21	-9.67	99.55	Shut-In(1)
80	1040.28	100.88	End Shut-In(1)
81	-6.79	100.67	Open To Flow (2)
99	4.32	102.64	Shut-In(2)
100	1540.51	103.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	No gas	0.00
5.00	100% mud.	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18490

DST#: 5

ATTN: Jeremy Schwartz

Test Start: 2013.08.31 @ 03:30:00

Tool Information

Drill Pipe:	Length: 3018.00 ft	Diameter: 3.80 inches	Volume: 42.33 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: 329.68 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 43.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.68 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3360.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3332.00	
Shut-In Tool	5.00			3337.00	
Hydroic Tool	5.00			3342.00	
Jars	6.00			3348.00	
Safety Joint	2.00			3350.00	
Packer	5.00			3355.00	29.00 Bottom Of Top Packer
Packer	5.00			3360.00	
Perforations	2.00			3362.00	
Recorder	1.00	8405	Inside	3363.00	
Recorder	1.00	8400	Outside	3364.00	
Bullnose	3.00			3367.00	7.00 Bottom Packers & Anchor

Total Tool Length: 36.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

34/17s/14w/Barton

2717 Canal Blvd Suite C
Hays Ks, 67601

K-F Unit #1-34

Job Ticket: 18490

DST#: 5

ATTN: Jeremy Schwartz

Test Start: 2013.08.31 @ 03:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 9100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	No gas	0.000
5.00	100% mud.	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

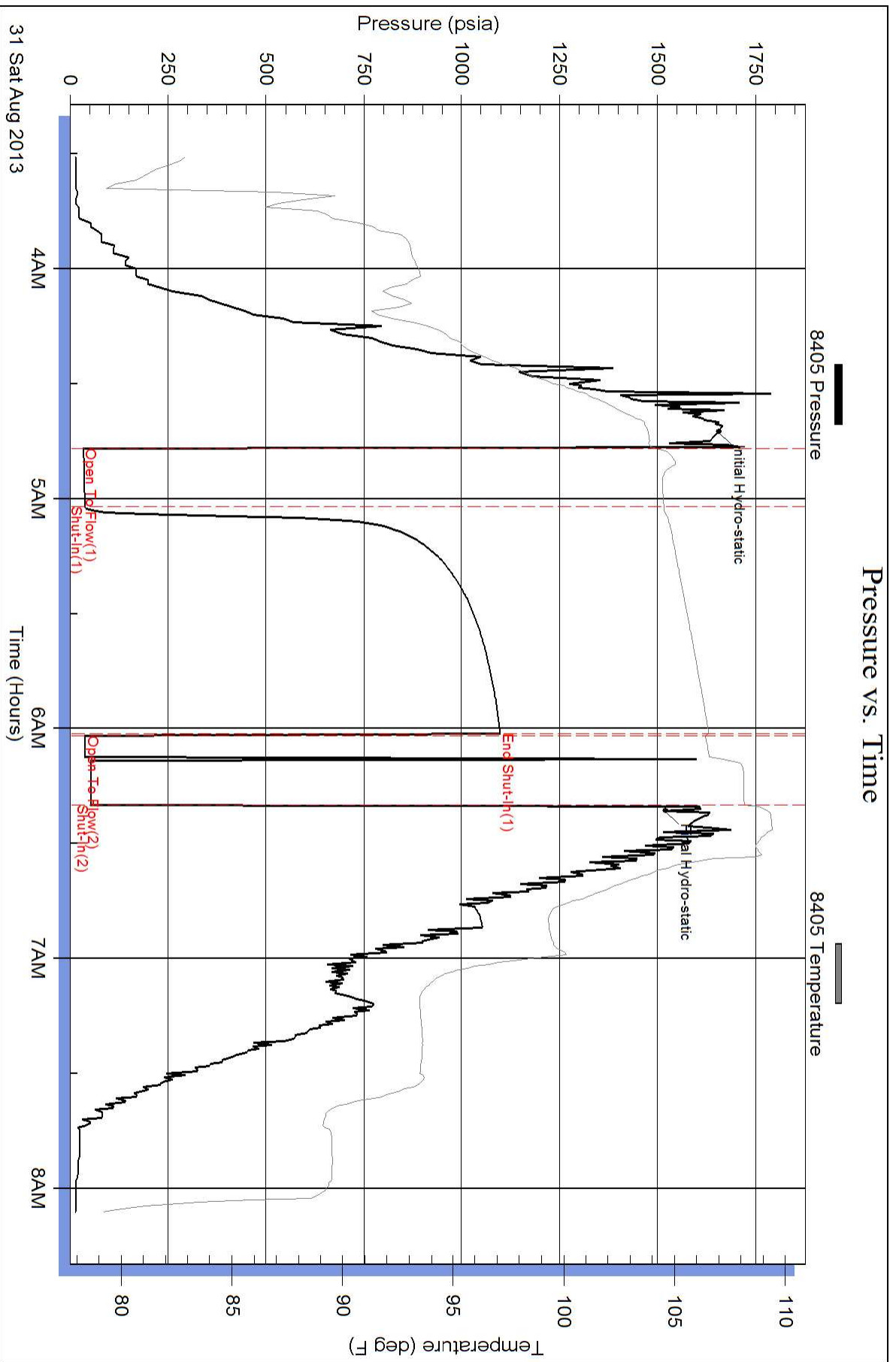
Serial #:

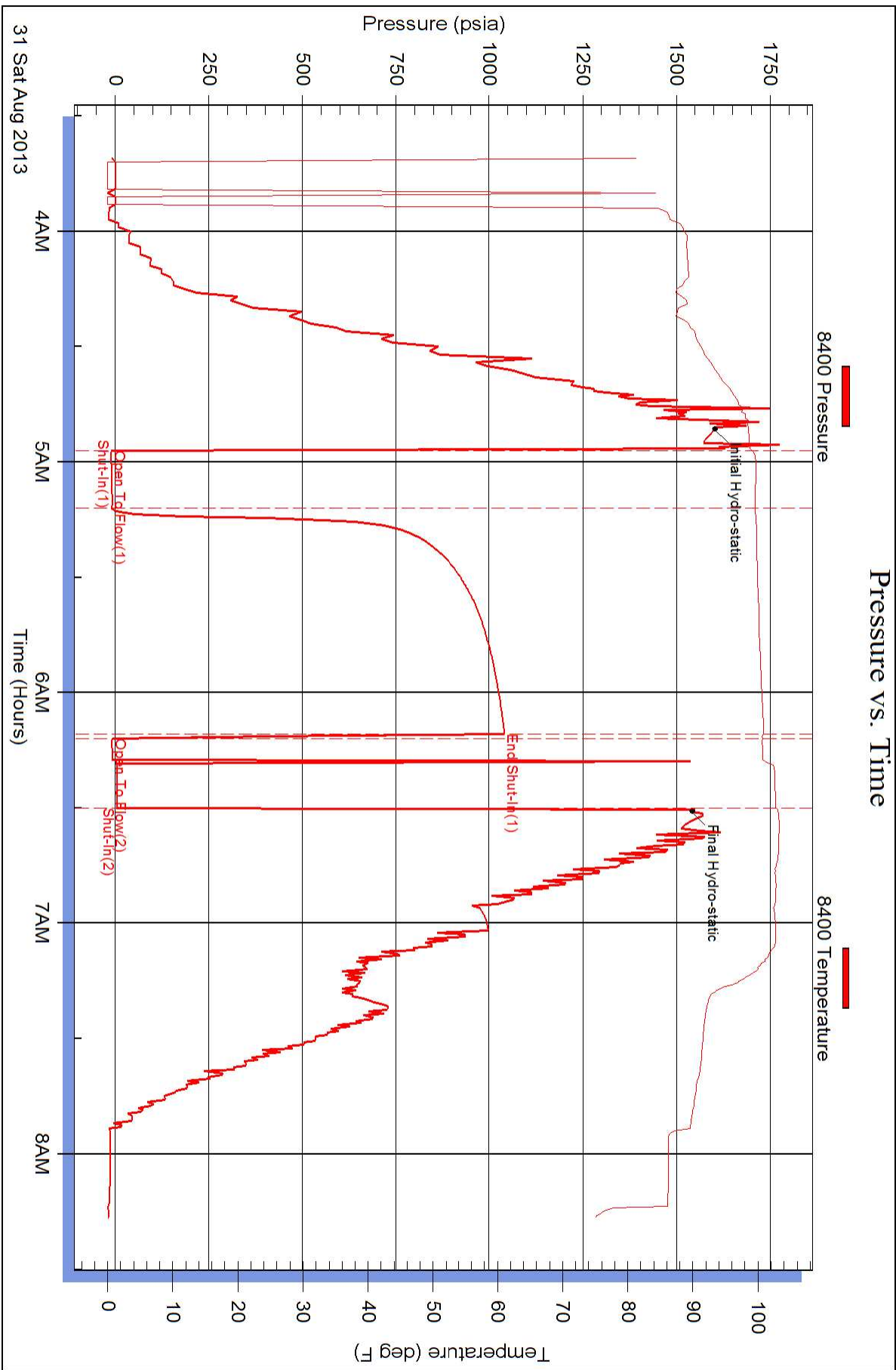
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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 15-009-25869-00-00
K-F Unit 1-34
SE/4 Sec.34-17S-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