



KANSAS CORPORATION COMMISSION 1161904
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



1161904

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	S-B Unit 1-21
Doc ID	1161904

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

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 15-009-25838-00-00
S-B Unit 1-21
SE/4 Sec.21-18S-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

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. 6804

Date	5-10-13	Sec.	21	Twp.	18	Range	14	County	Barton	State	Ks	On Location		Finish	10:45 AM
Lease	3-B unit			Well No.	1-21		Owner	2 1/2 W, N/Into							
Contractor	Sterling		#4		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.	910'		Charge To	Shelby Resources								
Csg.	8 5/8"		Depth	908'		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.	12.70		Shoe Joint	12.70'		Cement Amount Ordered	375 SX 60140 3% CC 2% Gel								
Meas Line			Displace	57 BWS											
EQUIPMENT						Common	225								
Pumptrk	15	No.	Cementer	Nick		Poz. Mix	150								
Bulktrk	4	No.	Driver	B. H. H.		Gel.	8								
Bulktrk	p.u.	No.	Driver	Rick		Calcium	14								
JOB SERVICES & REMARKS						Hulls									
Remarks:	Cement did Circulate					Salt									
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	397								
						Mileage									
FLOAT EQUIPMENT						Guide Shoe	1 weld on								
						Centralizer									
						Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						1 - Baffle plate									
						1 - Rubber plow									
						Pumptrk Charge	Long Surface								
						Mileage	13								
						Tax									
						Discount									
						Total Charge									
X Signature	Tommy D. Salvey														

ALLIED OIL & GAS SERVICES, LLC 060430

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Cooper Bend 1/5

DATE <u>5-16-13</u>	SEC. <u>21</u>	TWP. <u>13S</u>	RANGE <u>14W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>S-B Unit</u>		WELL # <u>1-21</u>	LOCATION <u>Cooper Bend 1/5 3W 5N</u>		COUNTY <u>Houston</u>	STATE <u>TX</u>	
OLD OR <u>(NEW)</u> (Circle one)			<u>2 1/2 W Nint</u>				

CONTRACTOR <u>Sterling Drilling #4</u>		OWNER
TYPE OF JOB <u>Rotary Plug</u>		
HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>4 5/8</u>	DEPTH	AMOUNT ORDERED <u>235 SKS 60% class A</u>
TUBING SIZE	DEPTH	<u>40% p2 4 1/2 gel 1/2 P10</u>
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3437</u>	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>141</u> @ <u>17.90</u> <u>2,523.90</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>94</u> @ <u>9.35</u> <u>878.90</u>
CEMENT LEFT IN CSG. <u>All</u>		GEL <u>8</u> @ <u>23.40</u> <u>187.30</u>
PERFS.		CHLORIDE @
DISPLACEMENT <u>Freshwater</u>		ASC @
EQUIPMENT		<u>Blow seal 59</u> @ <u>2.97</u> <u>175.23</u>
		@
		@
PUMP TRUCK CEMENTER <u>Dustin Chambers</u>		@
# <u>597</u> HELPER <u>Charles Kinzler</u>		@
BULK TRUCK		@
# <u>599</u> DRIVER <u>Ben Newell</u>		@
BULK TRUCK		@
#		@
		HANDLING <u>252.26</u> @ <u>2.48</u> <u>625.90</u>
		MILEAGE <u>10.53 x 10 x</u> <u>2.60</u> <u>273.78</u>
		TOTAL <u>4,664.61</u>

REMARKS:

Fill hole with Rig mud
1, 3437 - 50 SKS
2, 915 - 40 SKS
3, 425 - 90 SKS
4, 40 - 10 SKS
5, R4 - 30 SKS
6, MH - 15 SKS
plug down 11:30 AM

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	<u>2600.47</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>Hum 10</u>	@ <u>7.70</u>	<u>77.00</u>
MANIFOLD	@	
<u>Hum 10</u>	@ <u>4.40</u>	<u>44.00</u>
	@	
		TOTAL <u>2,721.47</u>

CHARGE TO: Shelby Resources
 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 7,386.08
 DISCOUNT 1,846.52 **IS PAID IN 30 DAYS**
5,539.56

PRINTED NAME X LANNY S. SALOBA
 SIGNATURE X Lanny S. Saloba



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd
Suite C
Hays, Kansas 67601

ATTN: Jeremy Schwartz

S-B Unit #1-21

21/18S/14W/Barton

Start Date: 2013.05.14 @ 07:12:00

End Date: 2013.05.14 @ 12:15:00

Job Ticket #: 17489 DST #: 1

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

Printed: 2013.05.14 @ 12:42:54

Shelby Resources LLC

21/18S/14W/Barton

S-B Unit #1-21

DST # 1

Lansing/Kansas City

2013.05.14



DRILL STEM TEST REPORT

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

21/18S/14W/Barton

S-B Unit #1-21

Job Ticket: 17489

DST#: 1

Test Start: 2013.05.14 @ 07:12:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:30

Time Test Ended: 12:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/20

Interval: 3265.00 ft (KB) To 3352.00 ft (KB) (TVD)

Reference Elevations: 1934.00 ft (KB)

Total Depth: 3352.00 ft (KB) (TVD)

1925.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6749

Inside

Press @ Run Depth: 115.70 psia @ 3348.23 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.05.14

End Date: 2013.05.14

Last Calib.: 2013.05.14

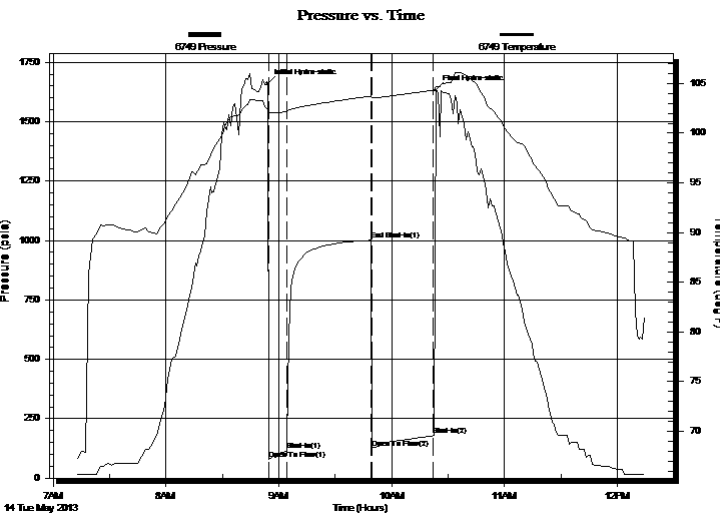
Start Time: 07:12:00

End Time: 12:15:00

Time On Btm: 2013.05.14 @ 08:54:00

Time Off Btm: 2013.05.14 @ 10:23:30

TEST COMMENT: 1ST Open 10 Minutes/Weak blow/Blow built to 1/2 inch then died to 1/4 inch
 1ST Shut In 45 Minutes/No blow back
 2ND Open 33 Minutes/Weak blow/Blow built to 1/4 inch then died in 15 minutes



PRESSURE SUMMARY

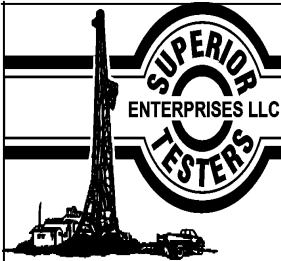
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1661.08	102.47	Initial Hydro-static
1	77.73	102.10	Open To Flow (1)
10	115.70	102.16	Shut-In(1)
55	1001.03	103.74	End Shut-In(1)
56	125.68	103.53	Open To Flow (2)
88	178.60	104.30	Shut-In(2)
90	1634.22	104.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Muddy Water with show of oil	1.73
0.00	Mud 10% Water 90%	0.00
0.00	Recov. Chlorides 61,000 ppm	0.00
0.00	Recov. Resist. .18 ohms @ 84 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

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

21/18S/14W/Barton

S-B Unit #1-21

Job Ticket: 17489

DST#: 1

Test Start: 2013.05.14 @ 07:12:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:30

Time Test Ended: 12:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/20

Interval: **3265.00 ft (KB) To 3352.00 ft (KB) (TVD)**

Reference Elevations: 1934.00 ft (KB)

Total Depth: 3352.00 ft (KB) (TVD)

1925.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: **6838** Outside

Press @ Run Depth: 1002.09 psia @ 3349.23 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.05.14

End Date: 2013.05.14

Last Calib.: 2013.05.14

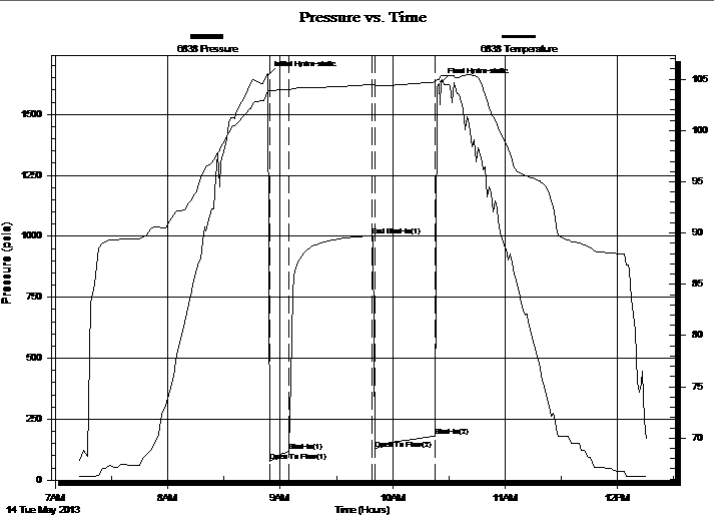
Start Time: 07:12:00

End Time: 12:15:30

Time On Btm: 2013.05.14 @ 08:53:30

Time Off Btm: 2013.05.14 @ 10:26:00

TEST COMMENT: 1ST Open 10 Minutes/Weak blow/Blow built to 1/2 inch then died to 1/4 inch
 1ST Shut In 45 Minutes/No blow back
 2ND Open 33 Minutes/Weak blow/Blow built to 1/4 inch then died in 15 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1660.55	103.87	Initial Hydro-static
1	75.49	103.81	Open To Flow (1)
11	117.92	103.98	Shut-In(1)
56	1002.09	104.49	End Shut-In(1)
57	127.81	104.36	Open To Flow (2)
89	180.43	104.75	Shut-In(2)
93	1630.28	105.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Muddy Water with show of oil	1.73
0.00	Mud 10% Water 90%	0.00
0.00	Recov. Chlorides 61,000 ppm	0.00
0.00	Recov. Resist. .18 ohms @ 84 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

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

21/18S/14W/Barton
S-B Unit #1-21
 Job Ticket: 17489 **DST#: 1**
 Test Start: 2013.05.14 @ 07:12:00

Tool Information

Drill Pipe:	Length: 3085.00 ft	Diameter: 3.80 inches	Volume: 43.27 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 44.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	3265.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.23 ft			
Tool Length:	114.23 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			3243.00	
Hydraulic Tool	5.00			3248.00	
Jars	5.00			3253.00	
Safety Joint	2.00			3255.00	
Packer	5.00			3260.00	27.00 Bottom Of Top Packer
Packer	5.00			3265.00	
Perforations	2.00			3267.00	
Change Over Sub	0.75			3267.75	
Drill Pipe	63.73			3331.48	
Change Over Sub	0.75			3332.23	
Anchor	15.00			3347.23	
Recorder	1.00	6749	Inside	3348.23	
Recorder	1.00	6838	Outside	3349.23	
Bullnose	3.00			3352.23	87.23 Bottom Packers & Anchor

Total Tool Length: 114.23



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

21/18S/14W/Barton

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Jeremy Schwartz

S-B Unit #1-21

Job Ticket: 17489

DST#: 1

Test Start: 2013.05.14 @ 07:12:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 5000.00 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
240.00	Muddy Water with show of oil	1.727
0.00	Mud 10% Water 90%	0.000
0.00	Recov. Chlorides 61,000 ppm	0.000
0.00	Recov. Resist. .18 ohms @ 84 deg	0.000

Total Length: 240.00 ft Total Volume: 1.727 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

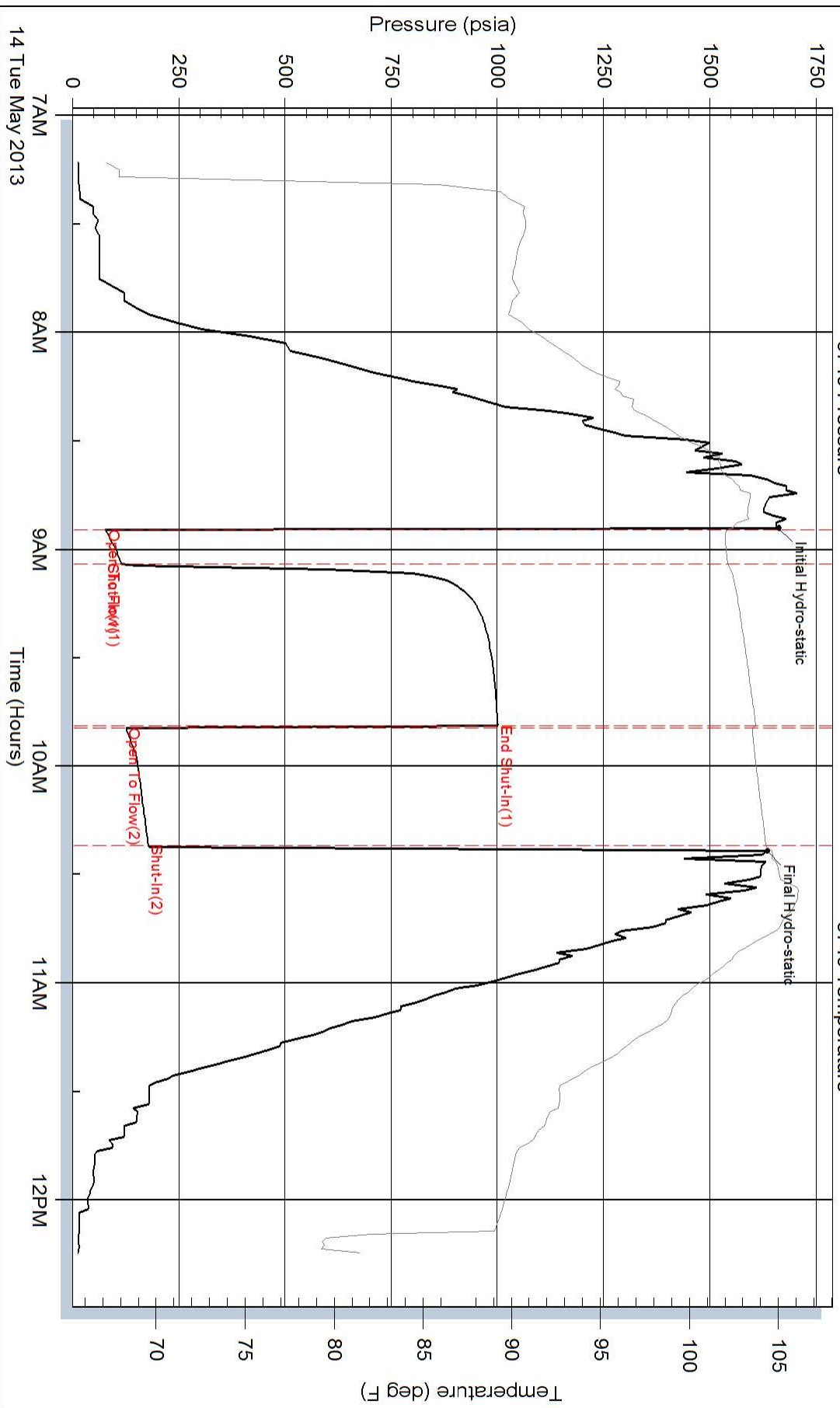
Serial #:

Laboratory Name:

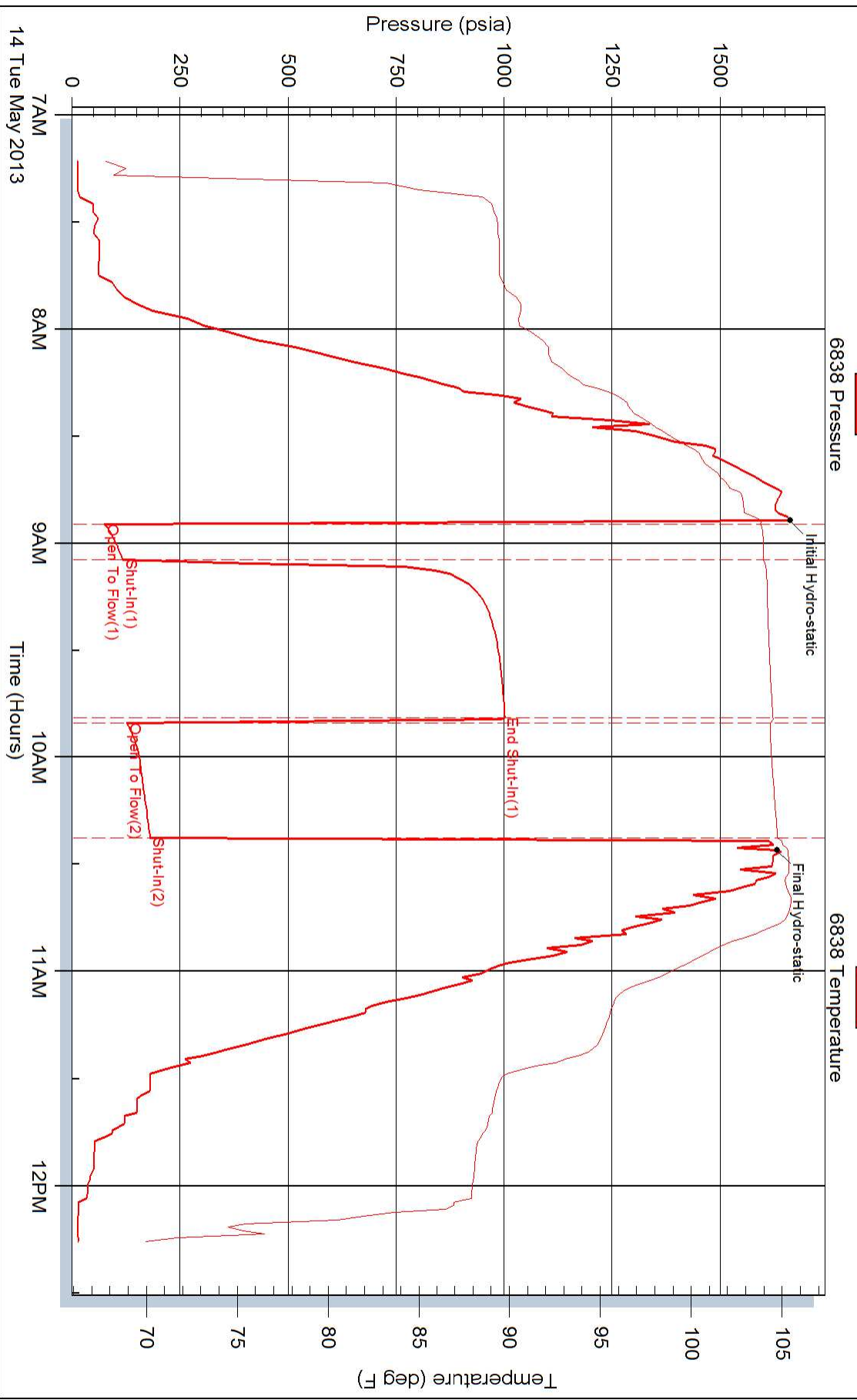
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd
Suite C
Hays, Kansas 67601

ATTN: Jeremy Schwartz

S-B Unit #1-21

21/18S/14W/Barton

Start Date: 2013.05.15 @ 04:59:00

End Date: 2013.05.15 @ 11:42:00

Job Ticket #: 17490 DST #: 2

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

Printed: 2013.05.15 @ 12:01:17



DRILL STEM TEST REPORT

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

21/18S/14W/Barton

S-B Unit #1-21

Job Ticket: 17490

DST#: 2

Test Start: 2013.05.15 @ 04:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:46:30
 Tester: Ken Swinney
 Time Test Ended: 11:42:00
 Unit No: 3325 Great Bend/20
 Interval: **3402.00 ft (KB) To 3472.00 ft (KB) (TVD)**
 Reference Elevations: 1934.00 ft (KB)
 Total Depth: 3472.00 ft (KB) (TVD)
 1925.00 ft (CF)
 Hole Diameter: 7.80 inches
 Hole Condition: Fair
 KB to GR/CF: 9.00 ft

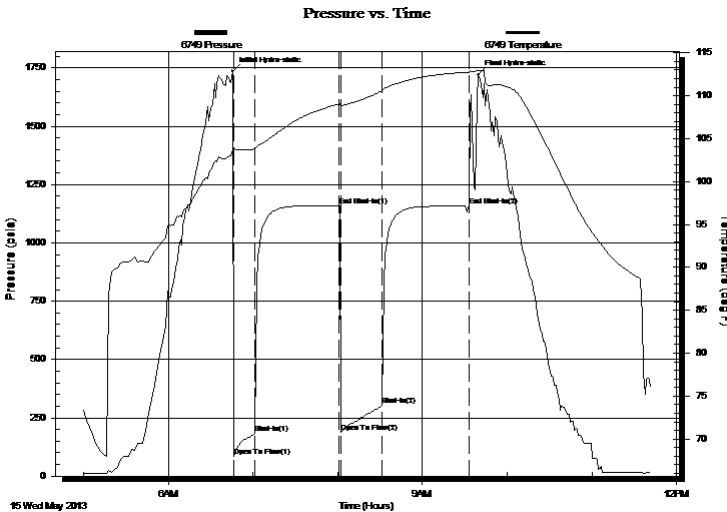
Serial #: 6749

Inside

Press @ Run Depth: 301.91 psia @ 3468.38 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.05.15 End Date: 2013.05.15 Last Calib.: 2013.05.15
 Start Time: 04:59:00 End Time: 11:42:00 Time On Btm: 2013.05.15 @ 06:45:30
 Time Off Btm: 2013.05.15 @ 09:39:30

TEST COMMENT: 1ST Open 15 Minutes/Good blow/Blow built to bottom of bucket in 8 minutes 45 seconds
 1ST Shut In 60 Minutes/Slight surface blow back
 2ND Open 30 Minutes/Good blow/Blow built to bottom of bucket in 11 minutes
 2ND Shut In 60 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1736.02	103.76	Initial Hydro-static
1	86.00	103.81	Open To Flow (1)
16	182.40	103.84	Shut-In(1)
76	1160.60	109.03	End Shut-In(1)
77	188.20	108.88	Open To Flow (2)
106	301.91	110.62	Shut-In(2)
168	1157.35	112.74	End Shut-In(2)
174	1719.37	112.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	Slightly gassy Muddy Water	2.15
0.00	Gas 1% Mud 49% Water 50%	0.00
240.00	Slightly gassy Muddy Water	3.37
0.00	Gas 1% Mud 14% Water 85%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00
0.00	Recov. Resist. .22 ohms @ 75 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

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

21/18S/14W/Barton

S-B Unit #1-21

Job Ticket: 17490

DST#: 2

Test Start: 2013.05.15 @ 04:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:46:30
 Tester: Ken Swinney
 Time Test Ended: 11:42:00
 Unit No: 3325 Great Bend/20
 Interval: **3402.00 ft (KB) To 3472.00 ft (KB) (TVD)**
 Reference Elevations: 1934.00 ft (KB)
 Total Depth: 3472.00 ft (KB) (TVD)
 1925.00 ft (CF)
 Hole Diameter: 7.80 inches
 Hole Condition: Fair
 KB to GR/CF: 9.00 ft

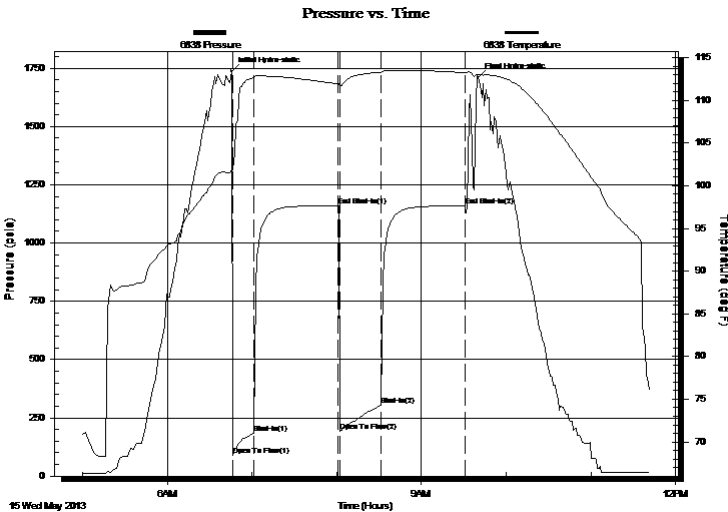
Serial #: 6838

Outside

Press @ Run Depth: 1159.67 psia @ 3469.38 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.05.15 End Date: 2013.05.15 Last Calib.: 2013.05.15
 Start Time: 04:59:00 End Time: 11:42:00 Time On Btm: 2013.05.15 @ 06:45:30
 Time Off Btm: 2013.05.15 @ 09:40:00

TEST COMMENT: 1ST Open 15 Minutes/Good blow/Blow built to bottom of bucket in 8 minutes 45 seconds
 1ST Shut In 60 Minutes/Slight surface blow back
 2ND Open 30 Minutes/Good blow/Blow built to bottom of bucket in 11 minutes
 2ND Shut In 60 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1737.11	101.83	Initial Hydro-static
1	87.53	101.84	Open To Flow (1)
16	184.82	112.69	Shut-In(1)
76	1160.16	111.93	End Shut-In(1)
77	192.52	111.64	Open To Flow (2)
106	305.77	113.30	Shut-In(2)
166	1159.67	113.25	End Shut-In(2)
175	1710.00	113.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	Slightly gassy Muddy Water	2.15
0.00	Gas 1% Mud 49% Water 50%	0.00
240.00	Slightly gassy Muddy Water	3.37
0.00	Gas 1% Mud 14% Water 85%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00
0.00	Recov. Resist. .22 ohms @ 75 deg	0.00

Gas Rates

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



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TOOL DIAGRAM

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21/18S/14W/Barton
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 Job Ticket: 17490 **DST#: 2**
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Tool Information

Drill Pipe:	Length: 3213.00 ft	Diameter: 3.80 inches	Volume: 45.07 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 45.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3402.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.38 ft			
Tool Length:	97.38 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			3380.00	
Hydraulic Tool	5.00			3385.00	
Jars	5.00			3390.00	
Safety Joint	2.00			3392.00	
Packer	5.00			3397.00	27.00 Bottom Of Top Packer
Packer	5.00			3402.00	
Perforations	5.00			3407.00	
Change Over Sub	0.75			3407.75	
Drill Pipe	31.88			3439.63	
Change Over Sub	0.75			3440.38	
Anchor	27.00			3467.38	
Recorder	1.00	6749	Inside	3468.38	
Recorder	1.00	6838	Outside	3469.38	
Bullnose	3.00			3472.38	70.38 Bottom Packers & Anchor

Total Tool Length: 97.38



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FLUID SUMMARY

Shelby Resources LLC

21/18S/14W/Barton

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 Hays, Kansas 67601
 ATTN: Jeremy Schwartz

S-B Unit #1-21

Job Ticket: 17490

DST#: 2

Test Start: 2013.05.15 @ 04:59:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 63.00 sec/qt
 Water Loss: 8.40 in³
 Resistivity: ohm.m
 Salinity: 5100.00 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

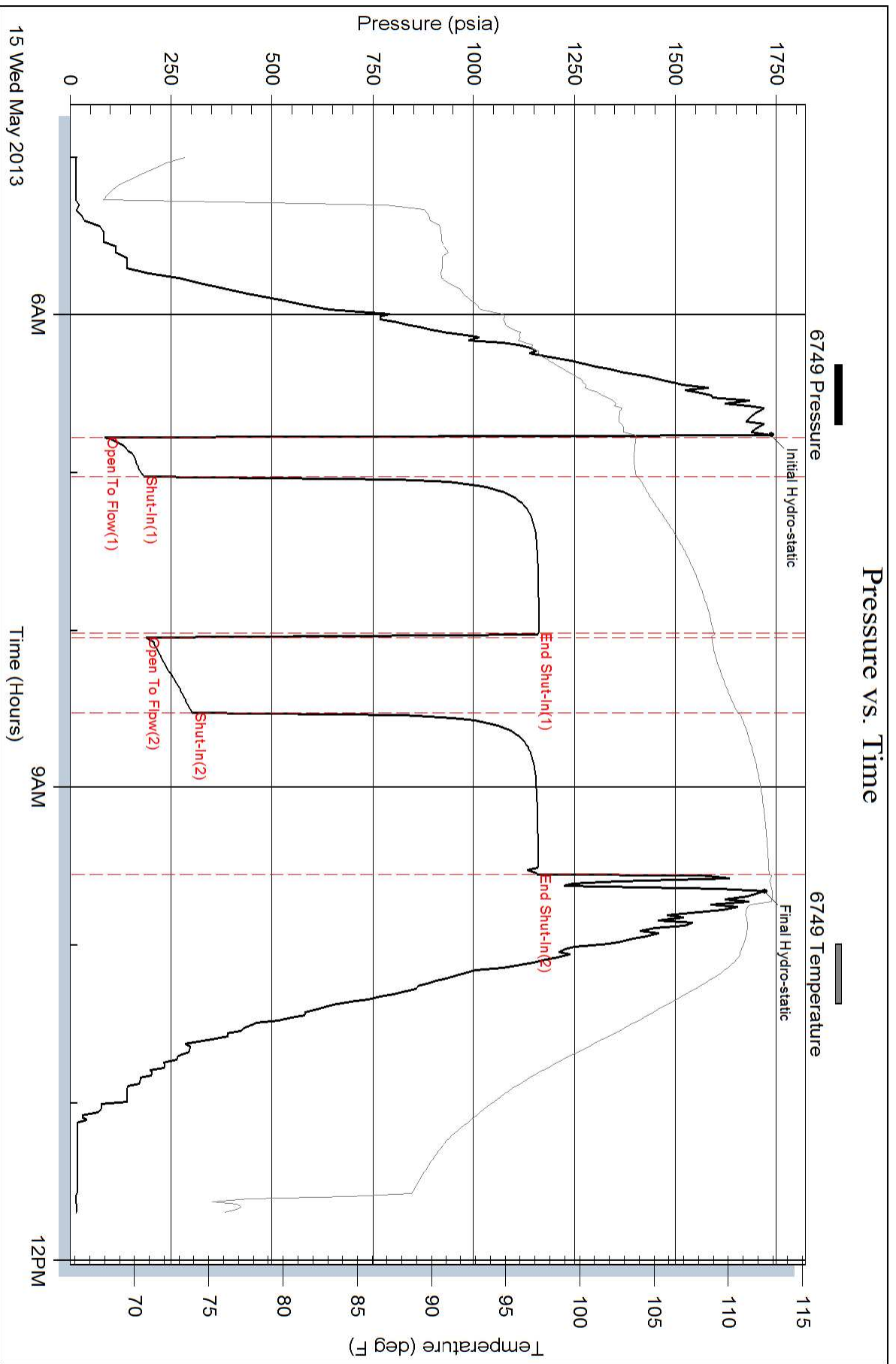
Recovery Information

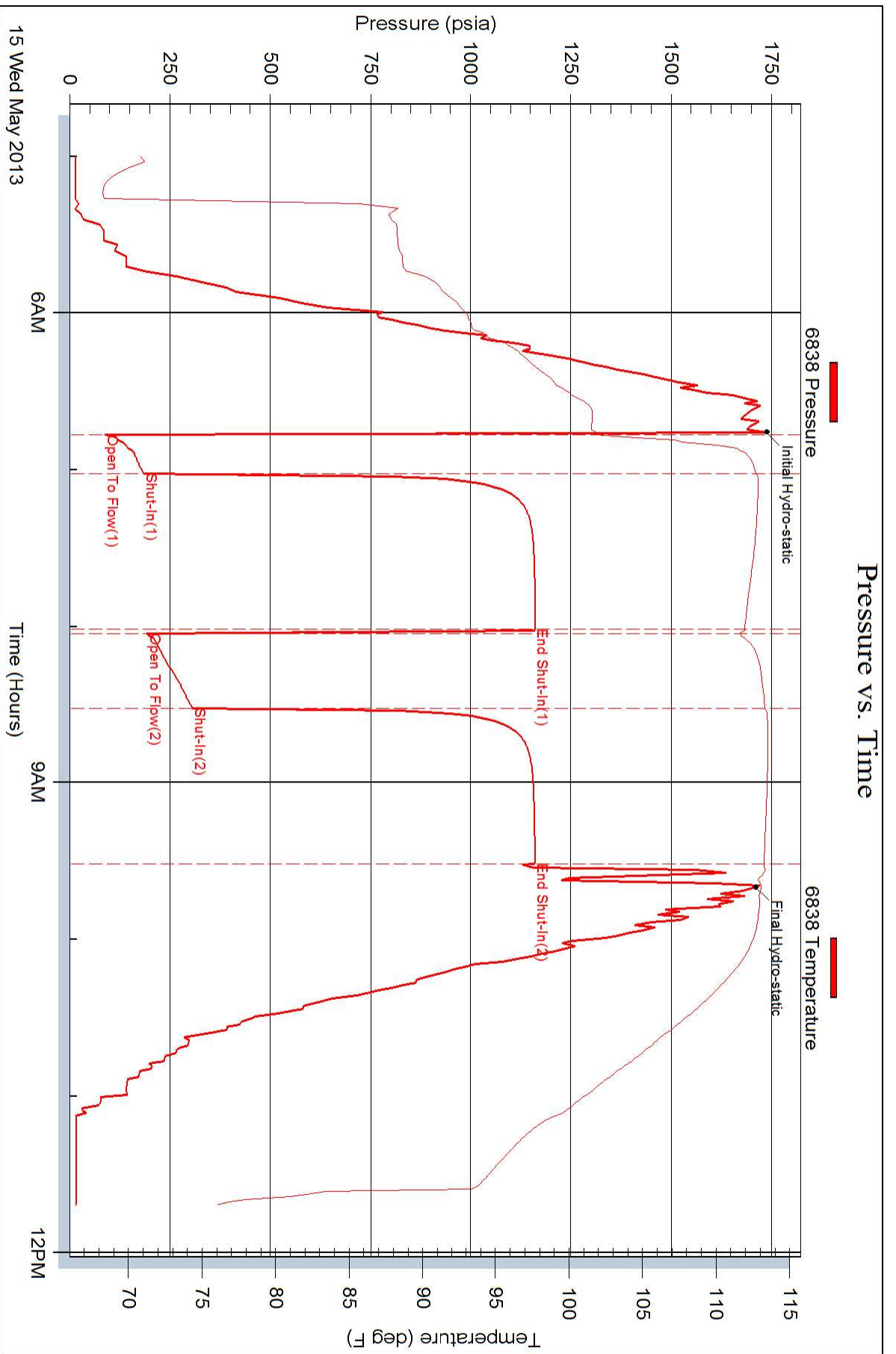
Recovery Table

Length ft	Description	Volume bbl
270.00	Slightly gassy Muddy Water	2.148
0.00	Gas 1% Mud 49% Water 50%	0.000
240.00	Slightly gassy Muddy Water	3.367
0.00	Gas 1% Mud 14% Water 85%	0.000
0.00	Recovery Chlorides 25,000 ppm	0.000
0.00	Recov. Resist. .22 ohms @ 75 deg	0.000

Total Length: 510.00 ft Total Volume: 5.515 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
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Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 21, 2013

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

Re: ACO-1
API 15-009-25838-00-00
S-B Unit 1-21
SE/4 Sec.21-18S-14W
Barton County, Kansas

Dear Chris Gottschalk:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 05/09/2013 and the ACO-1 was received on October 08, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department