Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1116837

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 # 31725
Name: Shelby Resources LLC
Address 1: 445 Union Boulevard
Address 2: Suite 208
City: LAKEWOOD State: CO Zip: 80228 + ____
Contact Person: Chris Gottschalk
Phone: (785) 623-1524
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Keith Reavis
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 #: ____

12/15/2012 — Spud Date or Recompletion Date
12/21/2012 — Date Reached TD
01/10/2013 — Completion Date or Recompletion Date

API No. 15 - 15-145-21699-00-00
Spot Description: ____
NE - NE - NW - SW Sec. 3 Twp. 22 S. R. 16 ☐ East ☑ West
2416 Feet from ☐ North / ☑ South Line of Section
1062 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: ____ *(e.g. xx.xxxxx)*, Long: ____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Pawnee
Lease Name: Buster Well #: 1-3
Field Name: ____
Producing Formation: Viola
Elevation: Ground: 1989 Kelly Bushing: 2000
Total Vertical Depth: 3970 Plug Back Total Depth: 3901
Amount of Surface Pipe Set and Cemented at: 1017 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: 54000 ppm Fluid volume: 1000 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Shelby Resources
Lease Name: Eakin #2-7 License #: 31725
Quarter NE Sec. 7 Twp. 22 S. R. 16 ☐ East ☑ West
County: Pawnee Permit #: D-30939

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: 02/15/2013
☑ **Confidential Release Date:** 02/15/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/18/2013

1116837

Operator Name: Shelby Resources LLC Lease Name: Buster Well #: 1-3

Sec. 3 Twp. 22 S. R. 16 ☐ East ☑ West County: Pawnee

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3403	-1404
L-KC	3518	-1519
Base L-KC	3764	-1765
Viola	3829	-1830
Arbuckle	3879	-1880
TD	3970	-1971

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	24	1017	60/40 Poz	400	2% gel / 3% cc
Production	7.875	5.5	15.5	3934	60/40 Poz-AA2	50.150	2% gel / 3% cc

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
4	3829-33		

TUBING RECORD: Size: 2.375 Set At: 3852 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
	54				0			

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

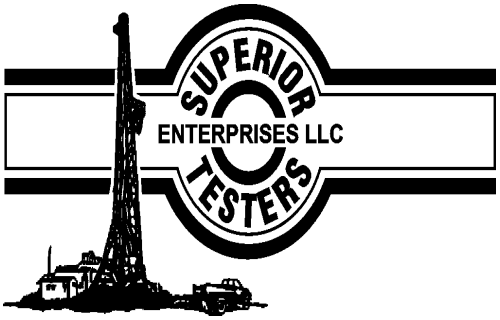
PRODUCTION INTERVAL:
3829-33

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Buster 1-3
Doc ID	1116837

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic
Cement Bond



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources Incorperated**

2717 Canal Blvd.
Suite C
Hays, Kansas 67601

ATTN: Keith Reavis

Buster #1-3

3/22S/16/Pawnee

Start Date: 2012.12.19 @ 07:32:00
End Date: 2012.12.19 @ 17:29:00
Job Ticket #: 16930 DST #: 1

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

Printed: 2012.12.20 @ 17:52:37

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

GENERAL INFORMATION:

Formation: **Conglomerate/Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:48:00
Time Test Ended: 17:29:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Sw inney
Unit No: 3325 Great Bend/52

Interval: 3771.00 ft (KB) To 3868.00 ft (KB) (TVD)
Total Depth: 3868.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

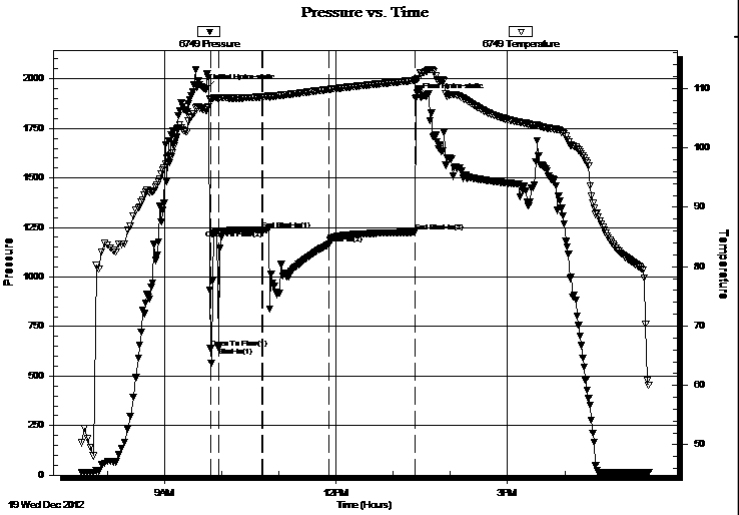
Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6749 **Inside**

Press@RunDepth: 1165.62 psia @ 3888.16 ft (KB)
Start Date: 2012.12.19 End Date: 2012.12.19
Start Time: 07:33:00 End Time: 17:29:00

Capacity: 5000.00 psia
Last Calib.: 2012.12.19
Time On Btm: 2012.12.19 @ 09:44:00
Time Off Btm: 2012.12.19 @ 13:24:00

TEST COMMENT: 1ST Open 10 Minutes/Strong blow /Blow to bottom of bucket in 1 minutes/Surging blow
1ST Shut In 45 Minutes/Surface blow back
2ND Open 70 Minutes/Surge at open then w eak surface/Flush tool/Bottom of bucket in 1 minute/Gas 41 minutes
2ND Shut In 90 Minutes/Bottom of bucket in 1 minute



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1952.33	106.36	Initial Hydro-static
4	638.62	108.16	Open To Flow (1)
13	644.24	108.18	Shut-In(1)
58	1239.23	108.60	End Shut-In(1)
59	1237.03	108.62	Open To Flow (2)
129	1165.62	109.86	Shut-In(2)
219	1226.15	111.36	End Shut-In(2)
220	1905.97	111.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Oily Gassy Mud	1.01
0.00	Oil 25% Gas 25% Mud 50%	0.00
63.00	Slightly oil cut mud	0.88
0.00	Oil 5% Mud 95%	0.00
2772.00	Slightly Mud cut Gassy Oil	38.88
0.00	Mud 5% Gas 30% Oil 65%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	11.81	4.42
Last Gas Rate	0.13	12.61	4.72
Max. Gas Rate	0.13	12.61	4.72

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

GENERAL INFORMATION:

Formation: **Conglomerate/Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:48:00
Time Test Ended: 17:29:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Sw inney
Unit No: 3325 Great Bend/52

Interval: 3771.00 ft (KB) To 3868.00 ft (KB) (TVD)
Total Depth: 3868.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

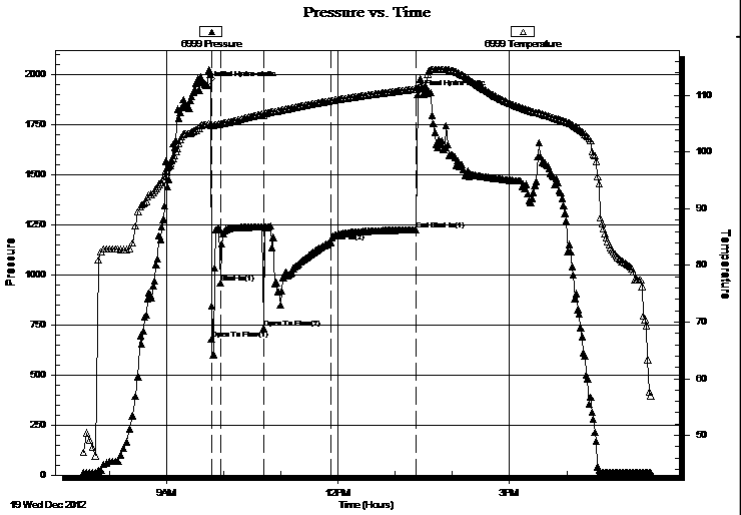
Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6999 **Outside**

Press@RunDepth: 1226.66 psia @ 3889.16 ft (KB)
Start Date: 2012.12.19 End Date: 2012.12.19
Start Time: 07:33:00 End Time: 17:28:30

Capacity: 5000.00 psia
Last Calib.: 2012.12.19
Time On Btm: 2012.12.19 @ 09:43:30
Time Off Btm: 2012.12.19 @ 13:23:30

TEST COMMENT: 1ST Open 10 Minutes/Strong blow /Blow to bottom of bucket in 1 minutes/Surging blow
1ST Shut In 45 Minutes/Surface blow back
2ND Open 70 Minutes/Surge at open then w eak surface/Flush tool/Bottom of bucket in 1 minute/Gas 41 minutes
2ND Shut In 90 Minutes/Bottom of bucket in 1 minute



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1945.90	104.90	Initial Hydro-static
4	678.63	104.67	Open To Flow (1)
13	959.52	105.00	Shut-In(1)
58	732.61	106.54	Open To Flow (2)
129	1165.13	109.07	Shut-In(2)
219	1226.66	111.13	End Shut-In(1)
220	1901.46	111.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Oily Gassy Mud	1.01
0.00	Oil 25% Gas 25% Mud 50%	0.00
63.00	Slightly oil cut mud	0.88
0.00	Oil 5% Mud 95%	0.00
2772.00	Slightly Mud cut Gassy Oil	38.88
0.00	Mud 5% Gas 30% Oil 65%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	11.81	4.42
Last Gas Rate	0.13	12.61	4.72
Max. Gas Rate	0.13	12.61	4.72

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

Tool Information

Drill Pipe:	Length:	3610.00 ft	Diameter:	3.80 inches	Volume:	50.64 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
					Total Volume:	51.53 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		22.00 ft					String Weight:	Initial	63000.00 lb
Depth to Top Packer:		3795.00 ft						Final	75000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		97.16 ft							
Tool Length:		124.16 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			3773.00		
Hydrolic Tool	5.00			3778.00		
Jars	5.00			3783.00		
Safety Joint	2.00			3785.00		
Packer	5.00			3790.00	27.00	Bottom Of Top Packer
Packer	5.00			3795.00		
Perforations	4.00			3799.00		
Change Over Sub	0.75			3799.75		
Drill Pipe	63.66			3863.41		
Change Over Sub	0.75			3864.16		
Perforations	23.00			3887.16		
Recorder	1.00	6749	Inside	3888.16		
Recorder	1.00	6999	Outside	3889.16		
Bullnose	3.00			3892.16	97.16	Bottom Packers & Anchor
Total Tool Length:	**124.16**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

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:	66.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	6800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	Oily Gassy Mud	1.011
0.00	Oil 25% Gas 25% Mud 50%	0.000
63.00	Slightly oil cut mud	0.884
0.00	Oil 5% Mud 95%	0.000
2772.00	Slightly Mud cut Gassy Oil	38.884
0.00	Mud 5% Gas 30% Oil 65%	0.000
0.00	Corrected Specif. Grav. Oil 42	0.000

Total Length: 3024.00 ft Total Volume: 40.779 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

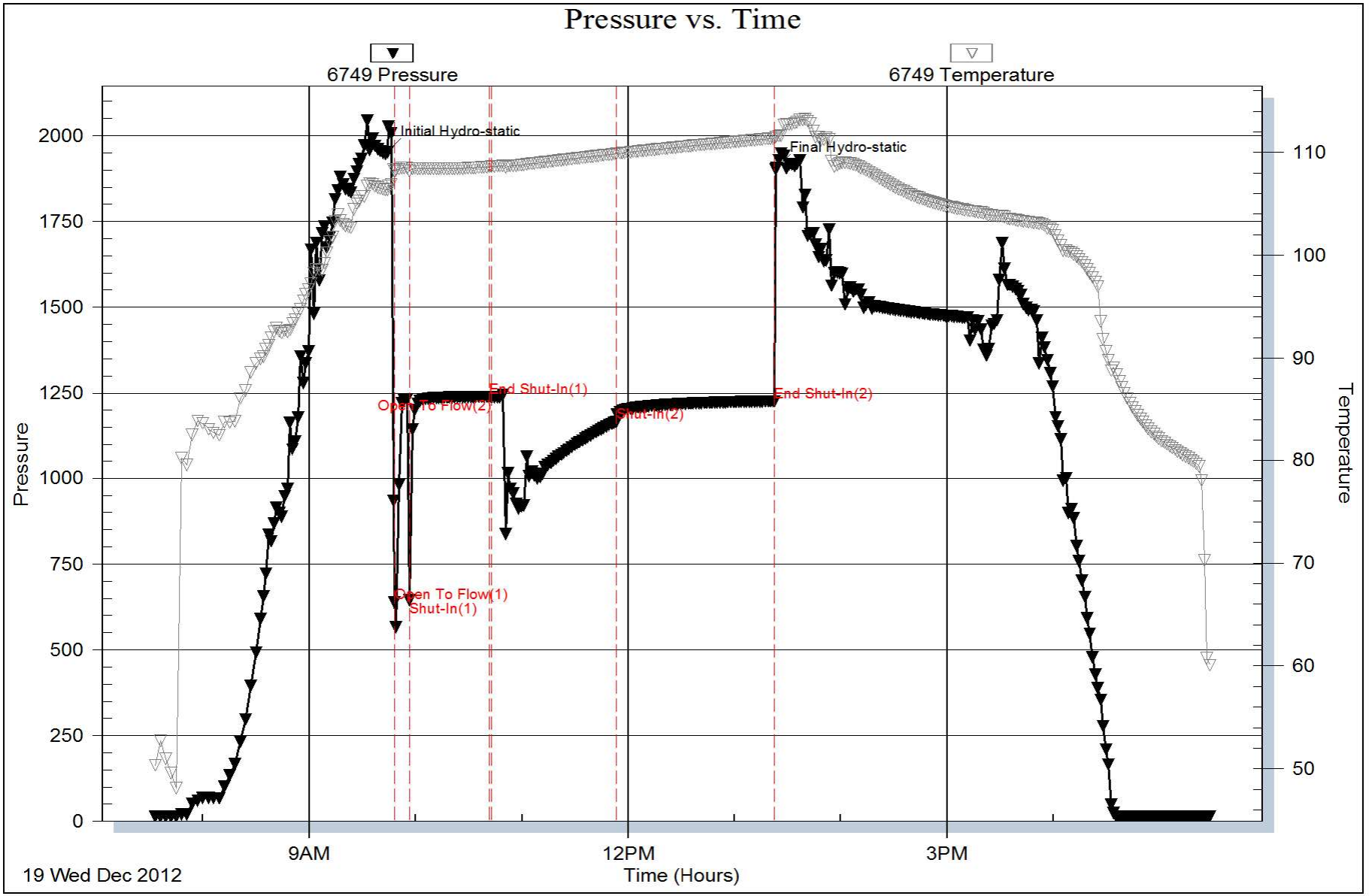
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

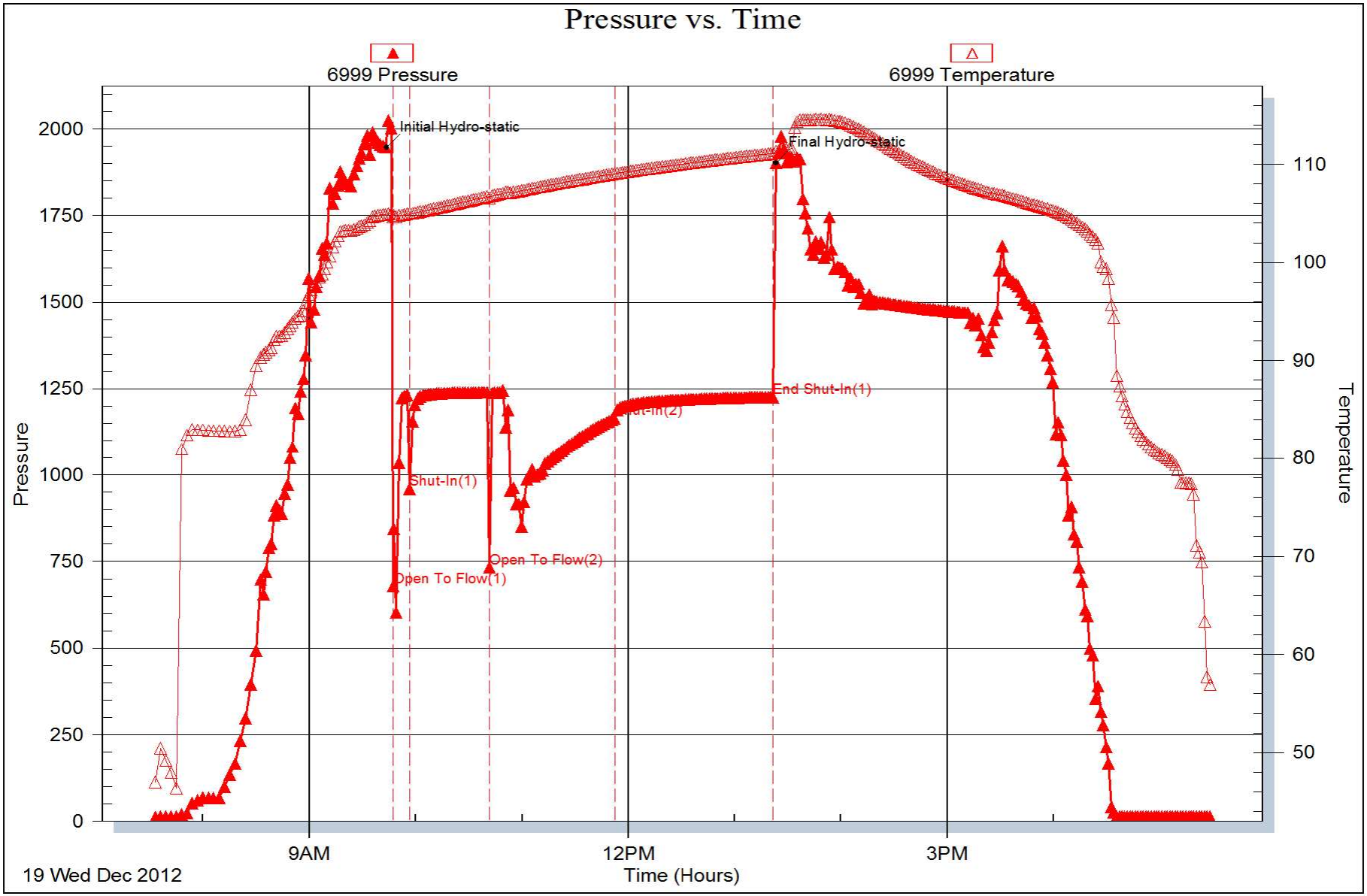
Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	46	0.13	11.81	4.42
2	46	0.13	11.81	4.42
2	56	0.13	12.61	4.72

Serial #: 6749 **Inside** Shelby Resources Incorperated Buster #1-3 DST Test Number: 1

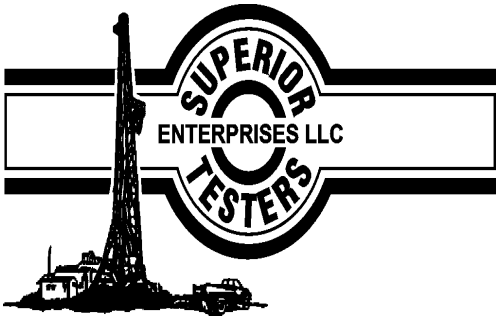


Superior Testers Enterprises LLC Ref. No: 16930 Printed: 2012.12.20 @ 17:52:38

Serial #: 6999 **Outside** Shelby Resources Incorperated Buster #1-3 DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 16930 Printed: 2012.12.20 @ 17:52:38



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources Incorperated**

2717 Canal Blvd.
Suite C
Hays, Kansas 67601

ATTN: Keith Reavis

Buster #1-3

3/22S/16/Pawnee

Start Date: 2012.12.20 @ 03:51:00

End Date: 2012.12.20 @ 12:04:00

Job Ticket #: 16931 DST #: 2

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.12.20 @ 18:43:42

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16931 **DST#: 2**

Test Start: 2012.12.20 @ 03:51:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:59:30
Time Test Ended: 12:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/52

Interval: 3885.00 ft (KB) To 3907.00 ft (KB) (TVD)
Total Depth: 3907.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

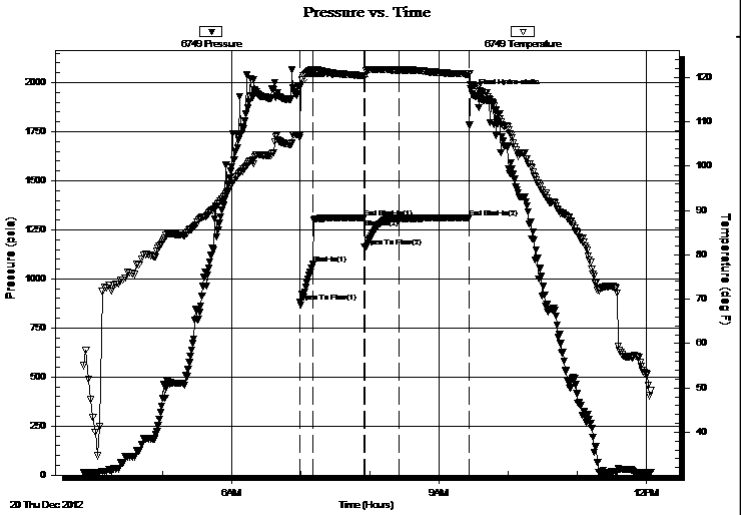
Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6749 **Inside**

Press@RunDepth: 1308.15 psia @ 3789.00 ft (KB)
Start Date: 2012.12.20 End Date: 2012.12.20
Start Time: 03:52:00 End Time: 12:04:00

Capacity: 5000.00 psia
Last Calib.: 2012.12.20
Time On Btm: 2012.12.20 @ 06:59:00
Time Off Btm: 2012.12.20 @ 09:28:30

TEST COMMENT: 1ST Open 10 Minutes/Strong blow /Blow built to bottom of bucket in 40 seconds
1ST Shut In 45 Minutes/Blow back built to 3/4 inch
2ND Open 30 Minutes/Strong blow /Blow built to bottom of bucket in 30 seconds
2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1978.45	106.96	Initial Hydro-static
1	879.68	106.48	Open To Flow (1)
12	1074.11	121.71	Shut-In(1)
56	1311.00	120.43	End Shut-In(1)
57	1163.01	120.35	Open To Flow (2)
86	1308.15	121.67	Shut-In(2)
147	1310.31	120.77	End Shut-In(2)
150	1941.42	118.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Muddy Water	0.93
0.00	Mud 50% Water 50%	0.00
2614.00	Slightly Mud and Gas cut Water	36.48
0.00	Mud 2% Gas 3% Water 95%	0.00
0.00	Recov. Chlorides 30,000 ppm	0.00
0.00	Recov. Resist. .32 ohms @ 45 deg	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16931 **DST#: 2**

Test Start: 2012.12.20 @ 03:51:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:59:30
Time Test Ended: 12:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/52

Interval: 3885.00 ft (KB) To 3907.00 ft (KB) (TVD)
Total Depth: 3907.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

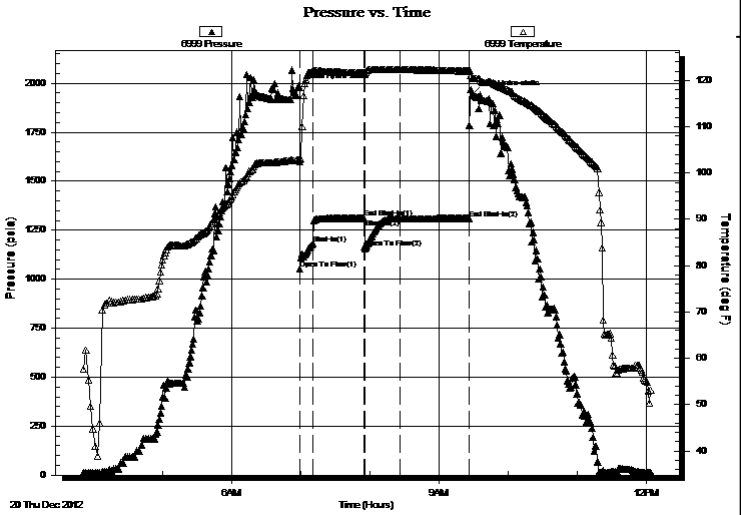
Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6999 **Outside**

Press@RunDepth: 1310.37 psia @ 3790.00 ft (KB)
Start Date: 2012.12.20 End Date: 2012.12.20
Start Time: 03:52:00 End Time: 12:04:00

Capacity: 5000.00 psia
Last Calib.: 2012.12.20
Time On Btm: 2012.12.20 @ 06:59:00
Time Off Btm: 2012.12.20 @ 09:28:30

TEST COMMENT: 1ST Open 10 Minutes/Strong blow /Blow built to bottom of bucket in 40 seconds
1ST Shut In 45 Minutes/Blow back built to 3/4 inch
2ND Open 30 Minutes/Strong blow /Blow built to bottom of bucket in 30 seconds
2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1978.96	102.87	Initial Hydro-static
1	1050.72	102.48	Open To Flow (1)
12	1182.45	122.00	Shut-In(1)
56	1311.04	121.63	End Shut-In(1)
57	1157.69	121.58	Open To Flow (2)
88	1308.20	122.29	Shut-In(2)
147	1310.37	121.97	End Shut-In(2)
150	1941.78	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Muddy Water	0.93
0.00	Mud 50% Water 50%	0.00
2614.00	Slightly Mud and Gas cut Water	36.48
0.00	Mud 2% Gas 3% Water 95%	0.00
0.00	Recov. Chlorides 30,000 ppm	0.00
0.00	Recov. Resist. .32 ohms @ 45 deg	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16931 **DST#: 2**

Test Start: 2012.12.20 @ 03:51:00

Tool Information

Drill Pipe:	Length:	3668.00 ft	Diameter:	3.80 inches	Volume:	51.45 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:	210.00 ft	Diameter:	2.25 inches	Volume:	1.03 bbl	Weight to Pull Loose:		85000.00 lb
					Total Volume:	52.48 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		134.00 ft					String Weight:	Initial	65000.00 lb
Depth to Top Packer:		3771.00 ft						Final	80000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		22.00 ft							
Tool Length:		49.00 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			3749.00		
Hydrolic Tool	5.00			3754.00		
Jars	5.00			3759.00		
Safety Joint	2.00			3761.00		
Packer	5.00			3766.00	27.00	Bottom Of Top Packer
Packer	5.00			3771.00		
Anchor	17.00			3788.00		
Recorder	1.00	6749	Inside	3789.00		
Recorder	1.00	6999	Outside	3790.00		
Bullnose	3.00			3793.00	22.00	Bottom Packers & Anchor
Total Tool Length:	**49.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16931 **DST#: 2**

Test Start: 2012.12.20 @ 03:51:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	7800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

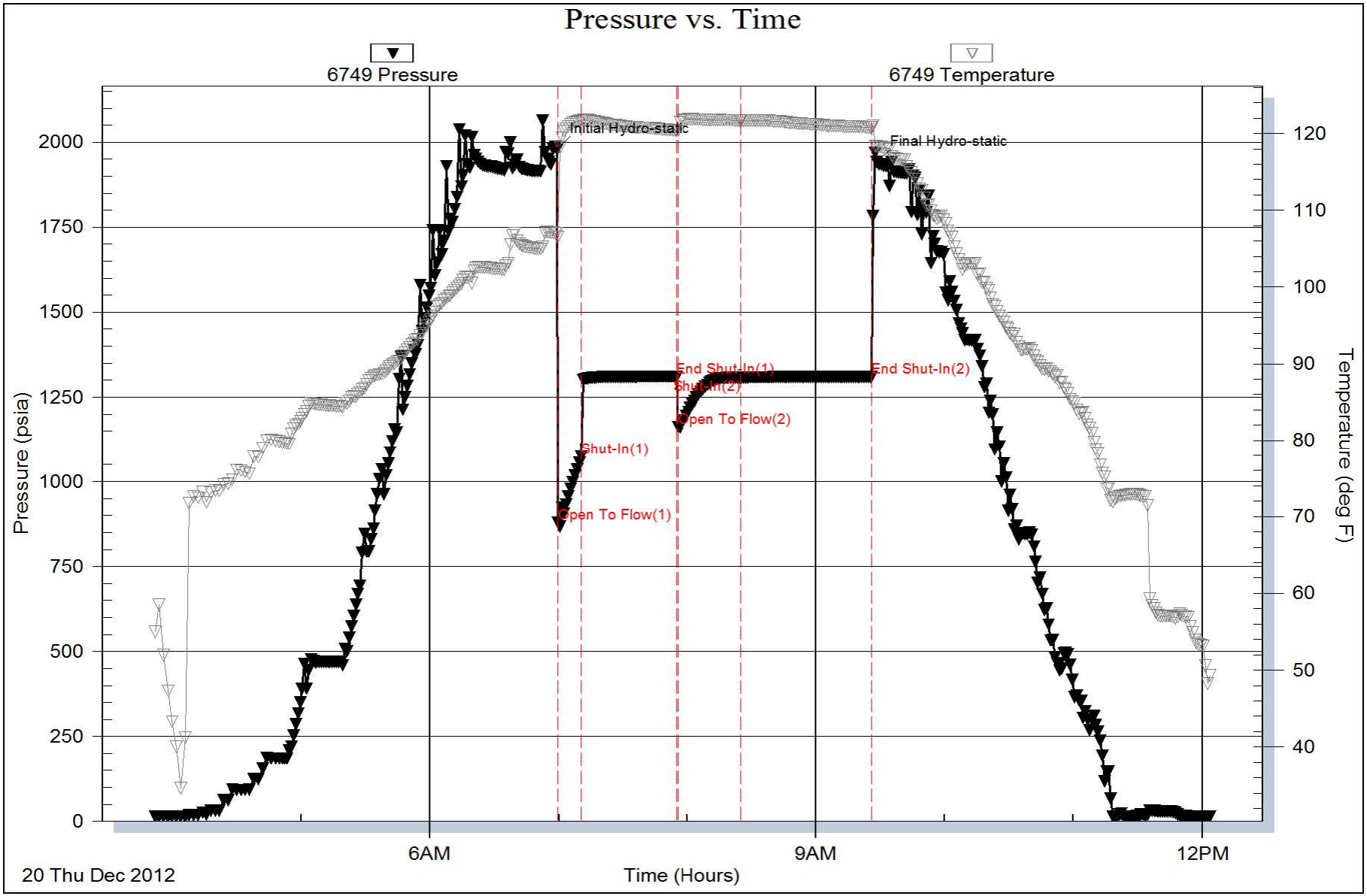
Recovery Table

Length ft	Description	Volume bbl
189.00	Muddy Water	0.929
0.00	Mud 50% Water 50%	0.000
2614.00	Slightly Mud and Gas cut Water	36.476
0.00	Mud 2% Gas 3% Water 95%	0.000
0.00	Recov. Chlorides 30,000 ppm	0.000
0.00	Recov. Resist. .32 ohms @ 45 deg	0.000

Total Length: 2803.00 ft Total Volume: 37.405 bbl

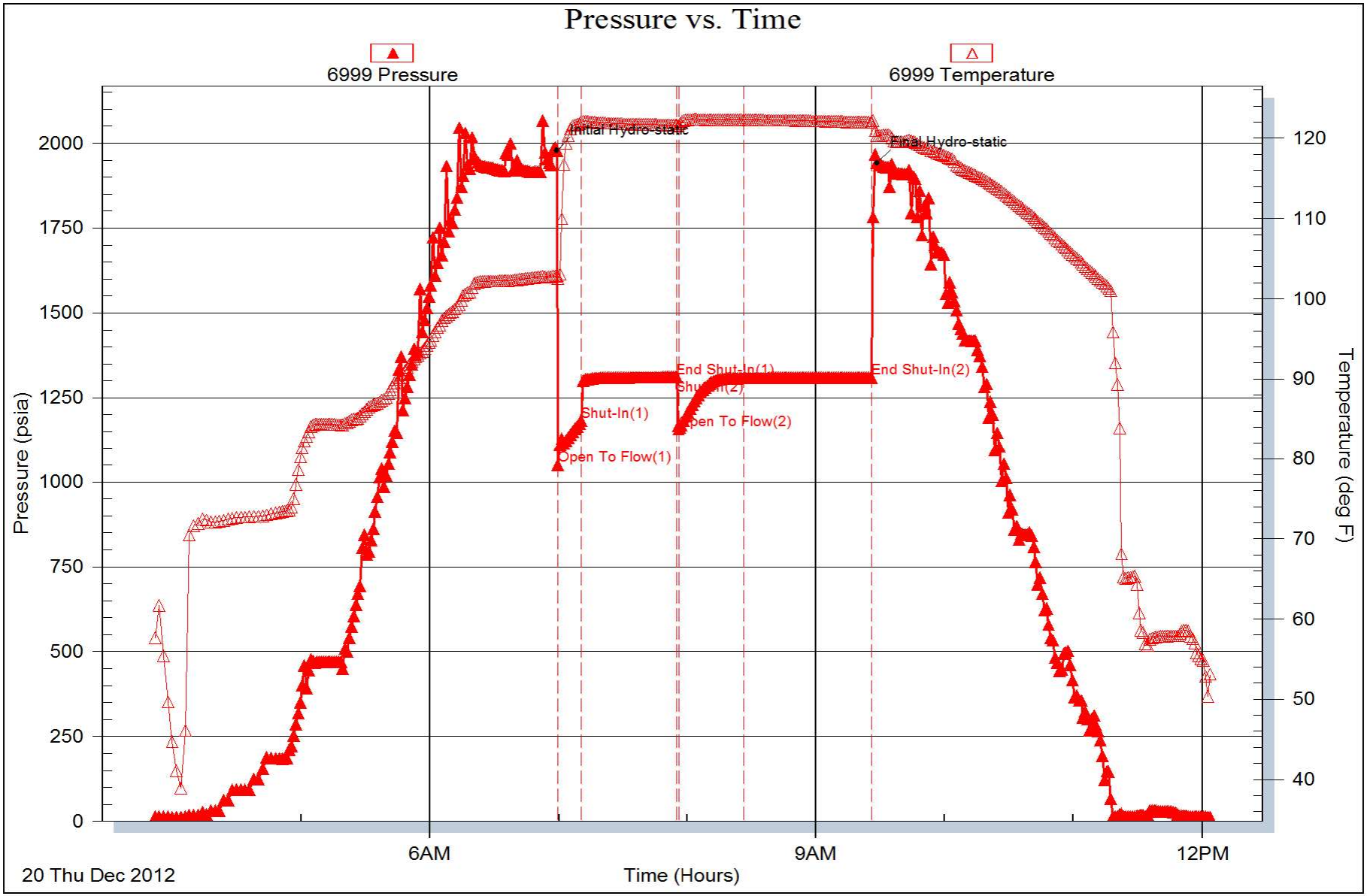
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6749 **Inside** Shelby Resources Incorperated Buster #1-3 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 16931 Printed: 2012.12.20 @ 18:43:43

Serial #: 6999 **Outside** Shelby Resources Incorperated Buster #1-3 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 16931 Printed: 2012.12.20 @ 18:43:43

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Shelby Resources	Lease No.		Date: 12-16-12		
Lease: Bilster	Well #: #1-3				
Field Order #: 27081A	Station: Pratt KS	Casing: 8 5/8"	Depth: 1018'	County: Pawnee	State: KS
Type Job: 8 5/8" Surface CNW	Formation: 102-3 TP	Legal Description: 3-22-16			

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8"	Tubing Size:	Shots/Ft:	200 sks A-con @	Acid	RATE: 11.8	PRESS	ISIP
Depth: 1018'	Depth:	From:	To: 200 sks Common	Pre Pad	Max		5 Min. 2% gel 3% cc 1/4# CF
Volume: 62	Volume:	From:	To:	Pad	Min		10 Min.
Max Press: 500#	Max Press:	From:	To:	Frac	Avg		15 Min.
Well Connection: PC	Annulus Vol.:	From:	To:		HHP Used		Annulus Pressure
Plug Depth: 974	Packer Depth:	From:	To:	Flush: Disp H2O	Gas Volume		Total Load

Customer Representative: Billy P. | Station Manager: Scott | Treater: Allen

Service Units	28443	27463	20959	19918							
Driver Names	Allen	mike	Scott	Calloway							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1115 Am					ON Loc. Discuss Safety Setup Plan Job
1120					Back on Bottom Cir. After Short Trip.
1200 Pm					Start out of w/ Bit.
1238					out of Hole. Rig up To Run 8 5/8 Casing 24#.
130					Start 8 5/8 Casing. Shoe Joint 44.10' w/ Reg Guide Shoe + Auto Fill insert in Collar.
330					Casing @ 1018 Cir w/ Rig.
345	200#		93	5	Start mix 200 sks A-con @ 12.8#
				5	Start mix 200 sks Common 2% gel 3% cc 1/4# C.F @ 15#
			48		Finish mix cmt
					Release Top Rubber Plug.
430				4 1/2	Start Disp
	800#		62	3	Plug down
					Release PSI OK
					Wash up + Rack up Equip
					Job complete
					thanks Allen. M. McGraw Scott
515					Cement Cir To Pit

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer	Lease No.	Date
SHELBY Res.		12-21-12
Lease	**Well #**	
BUSTER	1-3	

Field Order #	Station	Casing	Depth	County	State
7419	PRATT KS	5 1/2	3934	PAWNEE	KS

Type Job	Formation	Legal Description
CNW 5 1/2 Long Stg		3-22-16

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 3934	Depth	From	To	Pre Pad	Max		5 Min.
Volume 93	Volume	From	To	Pad	Min		10 Min.
Max Press 2,000	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3913	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
	DAVE Scott	Robert Lillian

Service Units	37900	19903	19905	19886	31010						
Driver Names	Sullivan	Anthony		Simple							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					ON loc Safty meety
					RUN 94 STS 5 1/2 15.5 CSG
					BASKET ON 12. Hole cent 1, 2, 3, 5, 7
2:15					CASING ON BOTTOM
2:25					Hook Rig circ.
3:20	200		12	4.5	mix 50 sk SCAVENGER cmt
			36		mix 150 sk AA 2 @ 15.2 PPG
					cmt mix Shut down. WASH PUMP LINE
					Release Plug
				6	St Disp
	300		68		LIFT #s
	600		85	4	SLOW RATE
4:00	1500		93		Plug down
			7		Plug R.H w/ 20 sk
			5		Plug MH w/ 20 sk
					JOB Complete
					Thank you

Taylor Printing, Inc. 620-672-3656

OPERATOR

Company:	Captiva II		
Address:	445 Union Blvd. Suite 208 Lakewood, CO 80228		
Contact Geologist:	Janine Sturdavant		
Contact Phone Nbr:	720-274-4682		
Well Name:	Buster #1-3		
Location:	Sec. 3 - T22S - R16W	API:	15-145-21699-0000
Pool:		Field:	Zook
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	Buster #1-3		
Surface Location:	Sec. 3 - T22S - R16W		
Bottom Location:			
API:	15-145-21699-0000		
License Number:	31725		
Spud Date:	12/15/2012	Time:	00:00
Region:	Pawnee County		
Drilling Completed:	12/20/2012	Time:	17:15
Surface Coordinates:	2416' FSL & 1062' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1989.00ft		
K.B. Elevation:	1999.00ft		
Logged Interval:	3000.00ft	To:	3958.00ft
Total Depth:	3970.00ft		
Formation:	Arbuckle		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:		Latitude:	
N/S Co-ord:	2416' FSL		
E/W Co-ord:	1062' FWL		

LOGGED BY

Keith Reavis
Consulting Geologist

Company:	Keith Reavis, Inc.
Address:	3420 22nd Street Great Bend, KS 67530
Phone Nbr:	620-617-4091
Logged By:	KLG #136 Name: Keith Reavis

CONTRACTOR

Contractor:	Sterling Drilling Company		
Rig #:	2		
Rig Type:	mud rotary		
Spud Date:	12/15/2012	Time:	00:00
TD Date:	12/20/2012	Time:	17:15
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	1999.00ft	Ground Elevation:	1989.00ft
K.B. to Ground:	10.00ft		

NOTES

During the drilling of this well, and error was made on the drill pipe talley board out from under surface pipe. Drill pipe strap and pipe count during DST #1 indicated a joint was on the board and not in the hole. The strap measurement was 22 ft shallow to board. A correction was made at this point. After TD and logs, it was found that actual depth of all tops were at least another 12 ft shallow to the strap and correction, making up the difference for 1 full joint of drill pipe originally found out of the hole. This resulted in a marked discrepancy of sample tops based on drill time vs. actual log tops. To compensate, all drill time, sample descriptions, lithology and drill stem tests were shifted uphole in this mudlog to match log tops.

A Tooke Daq gas detector operated by Sterling Drilling Company was employed during the drilling of this well. All ROP and gas data, as well as gamma ray and calipers curves from the electrical log suite were imported into this mudlog.

Based on the results of DST #1, the operator elected to set 5 1/2 inch production casing to further evaluate the Viola. The samples were saved from this well and will be available for review at the Kansas Geological Survey Well Samples Library located in Wichita, KS.

Respectfully submitted,
Keith Reavis

Captiva II

DAILY DRILLING REPORT

DATE	7:00 AM DEPTH	REMARKS
12/18/2012	2929	Geologist Keith Reavis on location at 1230 hrs, 3279 ft, drilling ahead Topeka Heebner, Douglas, Lansing, Stark, BKC, Marmaton, Congl., Viola
12/19/2012	3892	gas kick in Viola warrants DST, short trip, TOH w/PDC bit, in w/tools, conduct and complete DST #1, TIH w/button bit, ctch, resumd drlg. Simpson
12/20/2012	3907	show in Arbuckle warrants DST, TOH, in w/tools, conduct and complete DST #2, TIH w/bit, rathole ahead to 3970, TOH for logs, conducting logging operations
12/21/2012	3970	complete logging, geologist off location 0145 hrs

Captiva II

WELL COMPARISON

	DRILLING WELL Captiva II - Buster #1-3 2416'' FSL & 1062' FWL Sec. 3, T22S R16W		COMPARISON WELL Vickers – Buster #1 NW NW SW Sec. 3, T22S R16W			COMPARISON WELL Captiva II - #1-3 WFYOG 330' FNL & 1602' FWL Sec. 3, T22S R16W		
	1999 KB		1997 KB		Structural Relationship	1996 KB		Structural Relationship
Formation	Log	Sub-Sea	Log	Sub-Sea	Log	Log	Sub-Sea	Log
Howard	3041	-1042	3050	-1051	9	3028	-1032	-10
Topeka	3119	-1120	3124	-1125	5	3106	-1110	-10
Queen Hill	3296	-1297	3298	-1299	2	3281	-1285	-12
Heebner	3403	-1404	3408	-1409	5	3388	-1392	-12
Toronto	3424	-1425	3427	-1428	3	3406	-1410	-15
Douglas	3437	-1438	3445	-1446	8	3424	-1428	-10
Brown Lime	3510	-1511	3517	-1518	7	3496	-1500	-11
Lansing	3518	-1519	3526	-1527	8	3506	-1510	-9
Stark Shale	3711	-1712	3723	-1724	12	3694	-1698	-14
Base KC	3764	-1765	3777	-1778	13	3747	-1751	-14
Viola	3829	-1830	3842	-1843	13	np		
Simpson Shale	3839	-1840	3870	-1871	31	3819	-1823	-17
Arbuckle	3879	-1880	3924	-1925	45	3855	-1859	-21
Total Depth	3966	-1967	3966	-1967	0	3949	-1953	-14

DST #1 Viola 3758-3855 ft. (corrected to log depth)

SUPERIOR ENTERPRISES LLC TESTERS

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16930 **DST#: 1**

Test Start: 2012.12.19 @ 07:32:00

GENERAL INFORMATION:

Formation: **Conglomerate/Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:48:00
Time Test Ended: 17:29:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/52

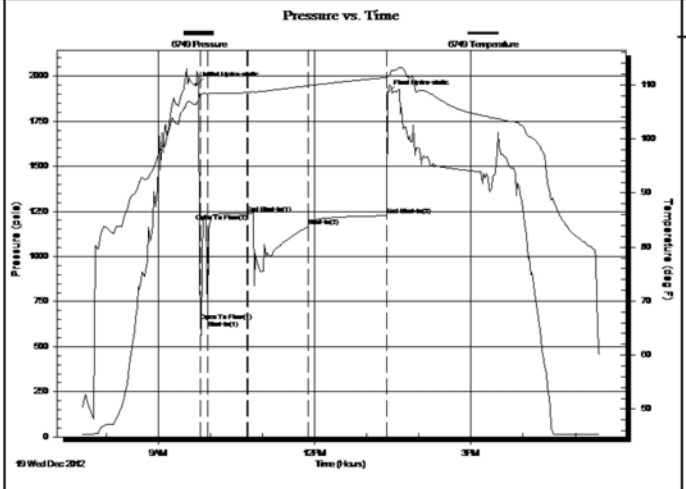
Interval: 3795.00 ft (KB) To 3892.00 ft (KB) (TVD)
Total Depth: 3892.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6749 **Inside**
Press@RunDepth: 1165.62 psia @ 3888.16 ft (KB)
Start Date: 2012.12.19 End Date: 2012.12.19
Start Time: 07:32:00 End Time: 17:29:00

Capacity: 5000.00 psia
Last Calib.: 2012.12.19
Time On Btm: 2012.12.19 @ 09:44:00
Time Off Btm: 2012.12.19 @ 13:24:00

TEST COMMENT: 1ST Open 10 Minutes/Strong blow/Blow to bottom of bucket in 1 minutes/Surging blow
1ST Shut In 45 Minutes/Surface blow back
2ND Open 70 Minutes/Surge at open then weak surface/Flush tool/Bottom of bucket in 1 minute/Gas 41 minutes
2ND Shut In 90 Minutes/Bottom of bucket in 1 minute



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1952.33	106.36	Initial Hydro-static
4	638.62	108.16	Open To Flow (1)
13	644.24	108.18	Shut-In(1)
58	1239.23	108.60	End Shut-In(1)
59	1237.03	108.62	Open To Flow (2)
129	1165.62	109.86	Shut-In(2)
219	1226.15	111.36	End Shut-In(2)
220	1905.97	111.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Oily Gassy Mud	1.01
0.00	Oil 25% Gas 25% Mud 50%	0.00
63.00	Slightly oil cut mud	0.88
0.00	Oil 5% Mud 95%	0.00
2772.00	Slightly Mud cut Gassy Oil	38.88
0.00	Mud 5% Gas 30% Oil 65%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	11.81	4.42
Last Gas Rate	0.13	12.61	4.72
Max. Gas Rate	0.13	12.61	4.72

DST #2 Arbuckle 3873-3895 ft. (corrected to log depth)

DRILL STEM TEST REPORT

Shelby Resources Incorperated

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

3/22S/16/Pawnee

Buster #1-3

Job Ticket: 16931 **DST#: 2**

Test Start: 2012.12.20 @ 03:51:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:59:30
Time Test Ended: 12:04:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/52

Interval: 3771.00 ft (KB) To 3868.00 ft (KB) (TVD)
Total Depth: 3868.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

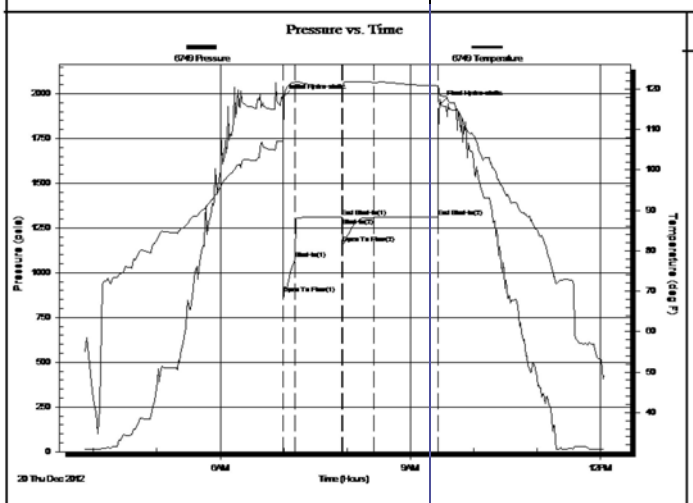
Reference Elevations: 1999.00 ft (KB)
1989.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6749 **Inside**

Press@RunDepth: 1308.15 psia @ 3789.00 ft (KB)
Start Date: 2012.12.20 End Date: 2012.12.20
Start Time: 03:51:00 End Time: 12:04:00

Capacity: 5000.00 psia
Last Calib.: 2012.12.20
Time On Btm: 2012.12.20 @ 06:59:00
Time Off Btm: 2012.12.20 @ 09:28:30

TEST COMMENT: 1ST Open 10 Minutes/Strong blow /Blow built to bottom of bucket in 40 seconds
1ST Shut In 45 Minutes/Blow back built to 3/4 inch
2ND Open 30 Minutes/Strong blow /Blow built to bottom of bucket in 30 seconds
2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1978.45	106.96	Initial Hydro-static
1	879.68	106.48	Open To Flow (1)
12	1074.11	121.71	Shut-In(1)
56	1311.00	120.43	End Shut-In(1)
57	1163.01	120.35	Open To Flow (2)
86	1308.15	121.67	Shut-In(2)
147	1310.31	120.77	End Shut-In(2)
150	1941.42	118.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Muddy Water	0.93
0.00	Mud 50% Water 50%	0.00
2614.00	Slightly Mud and Gas cut Water	36.48
0.00	Mud 2% Gas 3% Water 95%	0.00
0.00	Recov. Chlorides 30,000 ppm	0.00
0.00	Recov. Resist. .32 ohms @ 45 deg	0.00

Gas Rates

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

ROCK TYPES

Cht vari, Dolprim, Lmst fw<7, Lmst fw7>, shale, grn, shale, gry, Carbon Sh, shale, red, Ss

ACCESSORIES

MINERAL
Argillaceous
Chert, dark
Mineral Crystals
Pyrite
Silty
Chert White
Mica

FOSSIL
Bioclastic or Fragmental
Fossils < 20%
Oolite
Oomoldic

STRINGER
Limestone
Sandstone
Siltstone
green shale

TEXTURE
Chalky
Lithogr

OTHER SYMBOLS

DST
DST Int
DST alt
Core
tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)

Depth | Intervals
Cored Interval
DST Interval

DST

Lithology

Oil Show

Geological Descriptions

TG, C1 - C5
Total Gas (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)

1:240 Imperial

0 ROP (min/ft) 3
0 Gamma (API) 150
6 Cal (in) 16

begin 20 ft samples @ 3000'

shale, soft mushy gray

Howard 3041 -1042

limestone, poor samples, mixed gray to brown mottled limestone, some cream to light gray dense to chalky fossiliferous limestone, abundant shales as above

samples start cleaning up in 3180 sample - limestone, tan to gray, microcrystalline, fossiliferous, dense, with some gray mottled fossiliferous limestones, very chalky, poor visible porosity, no shows

Topeka 3119 -1120

limestone, light gray, cryptocrystalline, cherty fossiliferous, with some dark gray fossiliferous to gritty arenaceous limestone, no shows

limestone, light gray to gray mottled, bioclastic to fossiliferous, very chalky, no visible porosity or shows, appx 30% chalk in samples

King Hill 3220 -1221

limestone, cream to light gray, micro-cryptocrystalline, bioclastic to fossiliferous, grainy, chalky, poor visible porosity, no shows

as above

Queen Hill 3296 -1297

shale, black carbonaceous

limestone, gray to tan, micro-cryptocrystalline, fossiliferous, dense, with limestone, light gray to cream, chalky fossiliferous, chert, dark gray, slightly fossiliferous, fresh, sharp, no shows

Mud-Co Mud chk
3015' @ 0800 hrs
12/18/12
Vis: 66, Wt.: 8.9
PV: 17 YP: 18
WL: 7.2 Cake 1/32
pH: 10.0, Ca: 20ppm
CHL: 6800 ppm
Sol: 3.8 LCM: 2
DMC: $2797.00
CMC: $8600.40

limestone, cream to light gray, chalky bioclastic to fossiliferous, with limestone, cream to gray, mostly cryptocrystalline, fossiliferous, dense, moderate chalk in samples, no shows

limestone, grading to cream to white and tan, cryptocrystalline, lithographic to fossiliferous, slightly chalky, no shows

Heebner 3403 -1404 (log)

shale, black carbonaceous

Toronto 3424 -1425 (log)

limestone, cream to light gray, microcrystalline, chalky to dense, fossiliferous, some large attached and loose calcite crystals, abundant chalk, no shows

Douglas 3437 -1438 (log)

shales, mixed gray to green, some red, silty to micaceous, trace pyritic, scattered pale green well cemented siltstone and more friable salt and pepper siltstones

as above

Brown Lime 3510 -1511 (log)

limestone, tan to brown, cryptocrystalline, fossiliferous, cherty

Lansing 3518 -1519 (log)

limestone, cream to white, cryptocrystalline, fossiliferous to lithographic, no visible porosity or shows, no fluoresence

limestone, cream to white, cryptocrystalline, fossiliferous, chalky lithographic to fossiliferous, trace light brown grainy bioclastic, small specimens, fair porosity, questionable stain, no show free oil or fluoresence, scattered light gray chert, translucent

found 1 piece in 3840 sample, grainy like what I described in the B zone, slight stain, 1 good vug, little translucent oil droplet

limestone, cream to white, some gray, mostly cryptocrystalline, lithographic to fossiliferous, poor visible porosity, no shows

shale kick?

limestone, mixed non-descript fossiliferous to lithographic, no shows

limestone, cream to light gray, sub-oolitic to sub-oomoldic, some scattered oomold porosity, some scattered chalky bioclastic, some chalk in samples, small specimens, barren

limestone, mixed non-descript fossiliferous, with light gray to white lithographic, dense, no shows

limestone, light gray, oolitic to oomoldic, good scattered oomold and inter-oolite porosity, barren

limestone, white to gray, micocrystalline, fossiliferous, mostly dense, some grainy and chalky, no shows

limestone, light gray to gray, oolitic with some oomoldic, some scattered fair oomold porosity, barren

limestone, white to gray, micro-cryptocrystalline, oolitic to fossiliferous, poor visible porosity, chalky in part, no shows

Stark Shale 3711 -1712 (log)

black carbonaceous shale

limestone, mixed fossiliferous to bioclastic, chalky in part, some scattered light gray oolitic to sub-oomoldic, poor overall visible porosity, no shows

spike system - gas test

limestone, mixed cream to white and light gray, fossiliferous, chalky in part, some gray lithographic cryptocrystalline, no shows

Base KC 3764 -1765 (log)

mixed gray, green, red and black shales

limestone, white to light gray, chalky fossiliferous to flattened oolitic, with limestone, white to gray, cryptocrystalline, compact lithographic, no visible porosity, no shows

mixed, red, green, gray, lavender and olive shales, trace orange chert, still carrying abundant limestones, white to cream chalky fossiliferous, some pale green dense lithographic, samples wash red

Viola 3829 -1830 (log)

as above, increasing chert, red and yellow, some white, fresh, sharp, no staining, still mostly limestone in samples, grading to more dense lithographic

gas kick 112 unit total

Simpson 3839 -1840 (log)

75 min sample, 2 clusters quartz sand, gray, fine to medium grain, sub-rounded, fairly sorted, good intergranular porosity, friable, black asphaltic stain, no free oil, no odor, no fluoresence

shale, waxy green, dense, to gray and red silty

sandstone, quartz, fine grain, sub-angular to sub-round, well sorted, fairly cemented, good intergranular porosity, light brown saturated stain, no show free oil

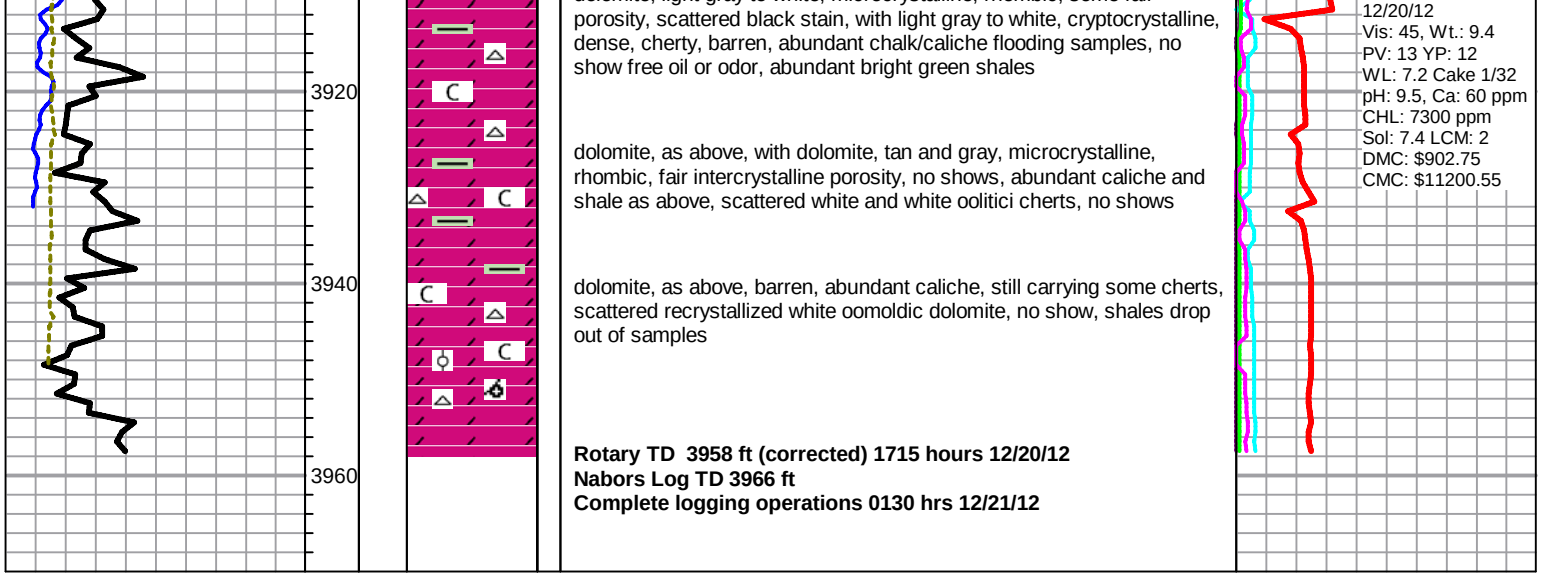
Arbuckle 3879 -1880 (log)

dolomite, mixed, pink to white and gray microcrystalline, rhombic, some fair intercrystalline porosity, pink to gray cryptocrystalline dense, some tan sucrosic, vuggy, some light gray to white oolitic to oomoldic, fair porosity, with exception of cryptocrystalline facies others have varying degrees of spotty to saturated light brown to black stain, to barren, oil sheen on break, faint odor in wet cup, fair even light green fluoresence, no cut - scattered oolitic to tan and white cherts, trace tripolitic edge stain, abundant caliche in samples

dolomite, light gray to white, microcrystalline, rhombic, some fair

Mud-Co Mud chk
3868' @ 0915 hrs
12/19/12
Vis: 62, Wt.: 9.6
PV: 17 YP: 21
WL: 8.0 Cake 1/32
pH: 8.0, Ca: 120ppm
CHL: 7800 ppm
Sol: 8.7, LCM: 2
DMC: $1697.40
CMC: $10297.80

Mud-Co Mud chk
3907' @ 0935 hrs



porosity, scattered black stain, with light gray to white, cryptocrystalline, dense, cherty, barren, abundant chalk/caliche flooding samples, no show free oil or odor, abundant bright green shales

dolomite, as above, with dolomite, tan and gray, microcrystalline, rhombic, fair intercrystalline porosity, no shows, abundant caliche and shale as above, scattered white and white oolitici cherts, no shows

dolomite, as above, barren, abundant caliche, still carrying some cherts, scattered recrystallized white oomoldic dolomite, no show, shales drop out of samples

Rotary TD 3958 ft (corrected) 1715 hours 12/20/12
Nabors Log TD 3966 ft
Complete logging operations 0130 hrs 12/21/12

12/20/12
Vis: 45, Wt.: 9.4
PV: 13 YP: 12
WL: 7.2 Cake 1/32
pH: 9.5, Ca: 60 ppm
CHL: 7300 ppm
Sol: 7.4 LCM: 2
DMC: $902.75
CMC: $11200.55

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

Kansas
Corporation Commission

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

February 15, 2013

Chris Gottschalk
Shelby Resources LLC
445 Union Boulevard
Suite 208
LAKEWOOD, CO 80228

Re: ACO1
API 15-145-21699-00-00
Buster 1-3
SW/4 Sec.03-22S-16W
Pawnee 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