



KANSAS CORPORATION COMMISSION 1100131
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 # 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 SLOW
 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 #: _____

<u>06/27/2012</u>	<u>07/05/2012</u>	<u>07/06/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25713-00-00
Spot Description: _____
NW NE SW SW Sec. 9 Twp. 17 S. R. 14 East West
1086 Feet from North / South Line of Section
764 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton
Lease Name: Beren Trust Well #: 2-9
Field Name: _____

Producing Formation: N/A
Elevation: Ground: 1961 Kelly Bushing: 1970
Total Depth: 3560 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 983 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: 34000 ppm Fluid volume: 1000 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Shelby Resources LLC
Lease Name: Clark License #: 31725
Quarter SW Sec. 24 Twp. 17 S. R. 14 East West
County: BARTON Permit #: E-30,783

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: Deanna Garrison Date: 11/09/2012



1100131

Operator Name: Shelby Resources LLC Lease Name: Beren Trust Well #: 2-9
Sec. 9 Twp. 17 S. R. 14 East West County: Barton

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3146 -1176
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3224 -1254
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base KC	3430 -1460
List All E. Logs Run:		Arbuckle	3496 -1526
Attached		TD	3560 -1590

CASING RECORD <input checked="" 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
Surface	12.25	8.625	24	983	60/40 Poz	378	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	-			

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)* _____

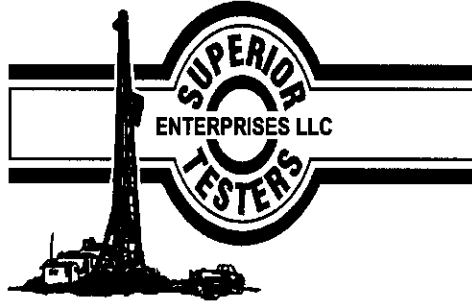
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD 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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Beren Trust 2-9
Doc ID	1100131

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd. Suite C
Hays Kansas 67601

ATTN: Keith Reavis

Beren Trust 2-9

9-17s-14w-Barton

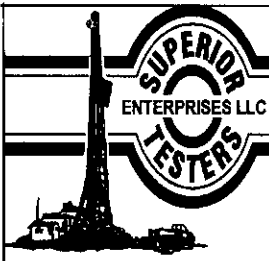
Start Date: 2012.07.02 @ 05:27:00

End Date: 2012.07.02 @ 12:19:00

Job Ticket #: 17691 DST #: 1

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

Printed: 2012.07.02 @ 10:34:02



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

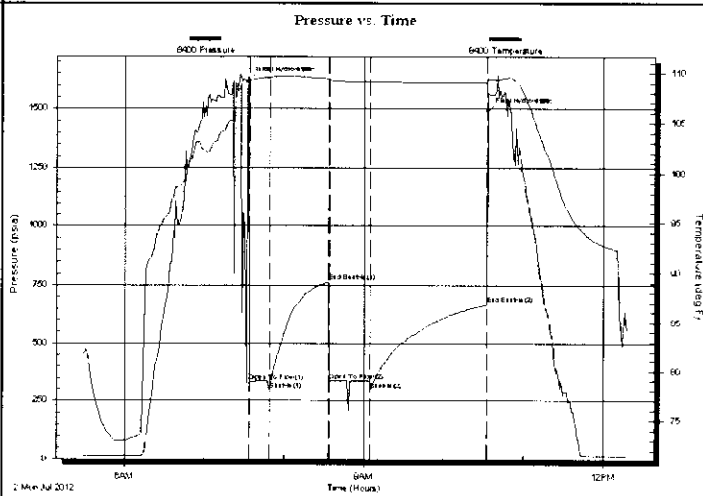
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17691 **DST#: 1**
 Test Start: 2012.07.02 @ 05:27:00

GENERAL INFORMATION:

Formation: **Lansing D-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:34:00
 Time Test Ended: 12:19:00
 Interval: **3270.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 294.09 psia @ 3292.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.02 End Date: 2012.07.02 Last Calib.: 2012.07.02
 Start Time: 05:27:00 End Time: 12:19:00 Time On Btm: 2012.07.02 @ 07:33:30
 Time Off Btm: 2012.07.02 @ 10:33:00

TEST COMMENT: 1st Open 15 minutes Weak surface blow
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Very weak blow after 10 minutes died. Flushed no help.
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

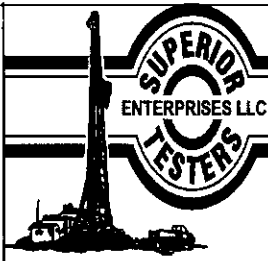
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1620.43	109.60	Initial Hydro-static
1	332.99	109.19	Open To Flow (1)
16	295.22	109.53	Shut-In(1)
60	766.49	109.47	End Shut-In(1)
61	336.93	109.24	Open To Flow (2)
92	294.09	109.10	Shut-In(2)
179	667.62	109.02	End Shut-In(2)
180	1490.51	109.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	Mud 100%	5.64

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: Keith Reavis

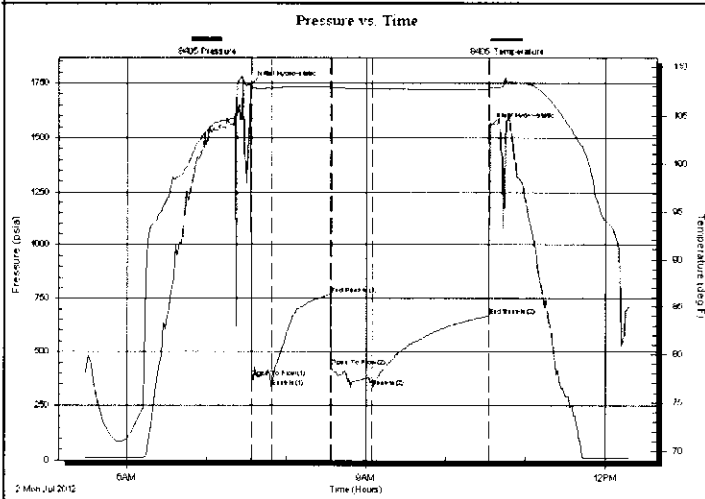
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17691 **DST#: 1**
 Test Start: 2012.07.02 @ 05:27:00

GENERAL INFORMATION:

Formation: **Lansing D-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:34:00
 Time Test Ended: 12:19:00
 Interval: **3270.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8405 **Inside**
 Press@RunDepth: 668.42 psia @ 3291.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.02 End Date: 2012.07.02 Last Calib.: 2012.07.02
 Start Time: 05:27:00 End Time: 12:19:00 Time On Btm: 2012.07.02 @ 07:33:30
 Time Off Btm: 2012.07.02 @ 10:33:00

TEST COMMENT: 1st Open 15 minutes Weak surface blow
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Very weak blow after 10 minutes died. Flushed no help.
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

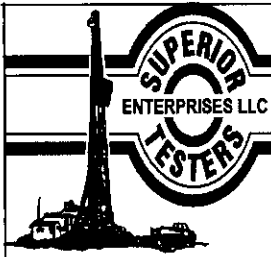
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1741.90	108.11	Initial Hydro-static
1	375.72	107.86	Open To Flow (1)
16	334.40	107.78	Shut-In(1)
60	768.47	107.91	End Shut-In(1)
61	429.83	107.83	Open To Flow (2)
92	332.37	107.68	Shut-In(2)
179	668.42	107.62	End Shut-In(2)
180	1552.79	107.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	Mud 100%	5.64

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: Keith Reavis

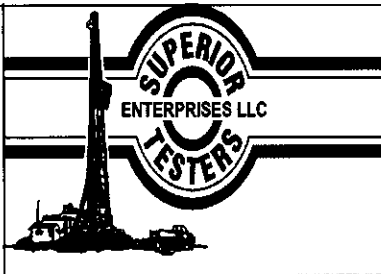
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17691 **DST#: 1**
 Test Start: 2012.07.02 @ 05:27:00

Tool Information

Drill Pipe:	Length: 3062.00 ft	Diameter: 3.80 inches	Volume: 42.95 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: 211.91 ft	Diameter: 2.25 inches	Volume: 1.04 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 43.99 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	31.91 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3270.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3247.00	
Hydraulic Tool	5.00			3252.00	
Jars	6.00			3258.00	
Safety Joint	2.00			3260.00	
Packer	5.00			3265.00	28.00 Bottom Of Top Packer
Packer	5.00			3270.00	
Anchor	20.00			3290.00	
Recorder	1.00	8405	Inside	3291.00	
Recorder	1.00	8400	Outside	3292.00	
Bull Plug	3.00			3295.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17691 **DST#: 1**
 Test Start: 2012.07.02 @ 05:27:00

Mud and Cushion Information

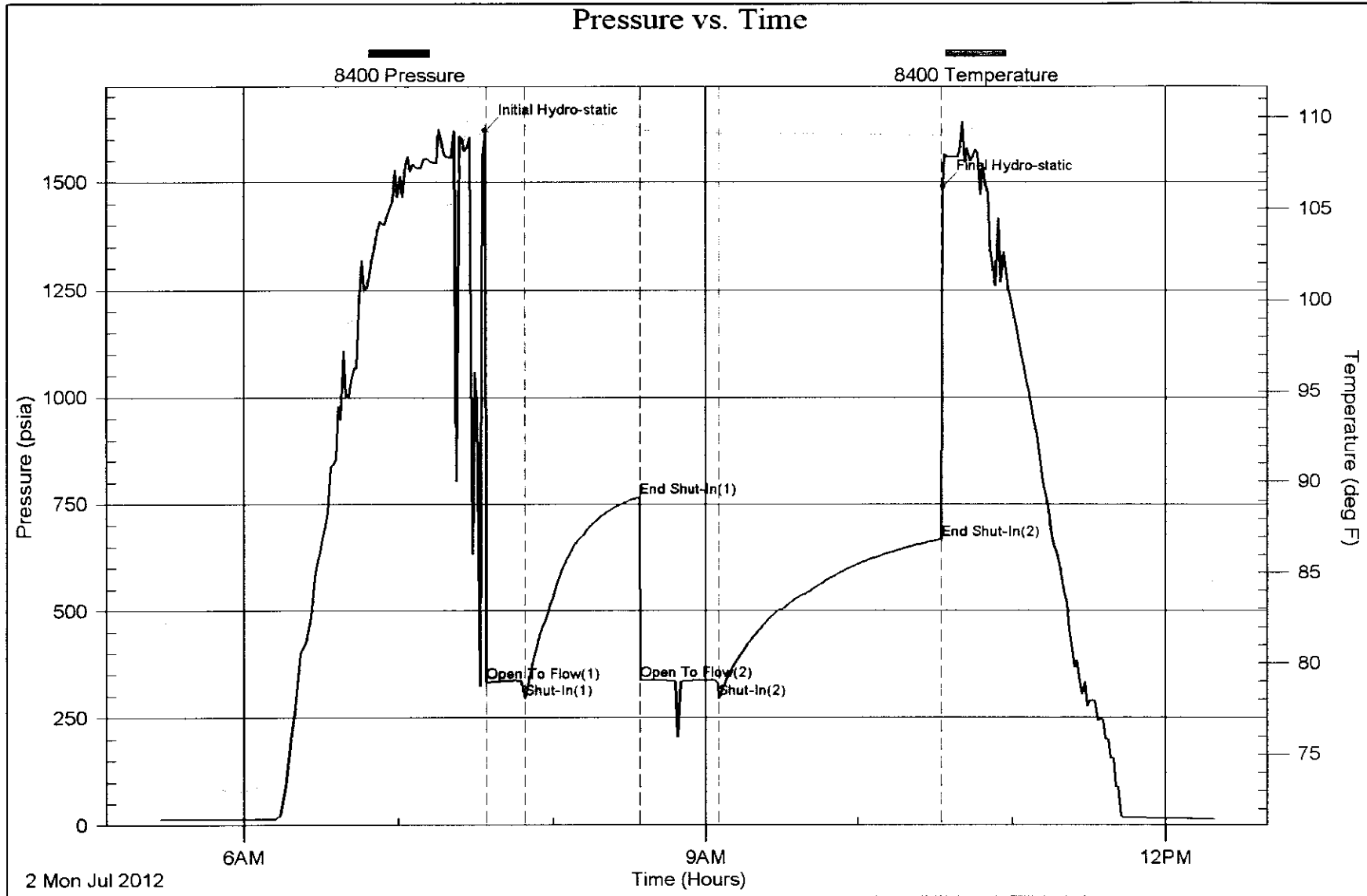
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.00 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	3500.00 ppm				
Filter Cake:	1.00 inches				

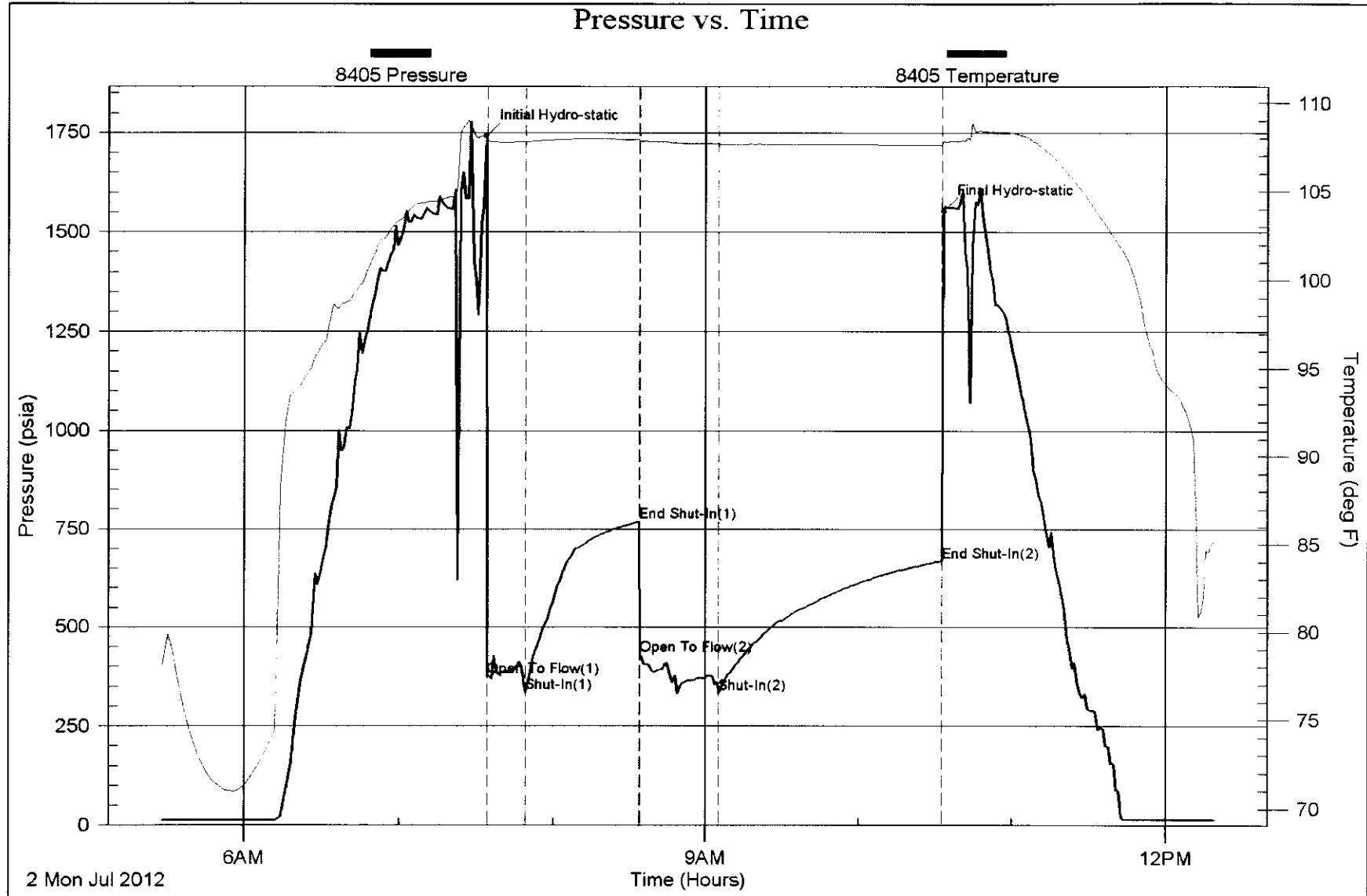
Recovery Information

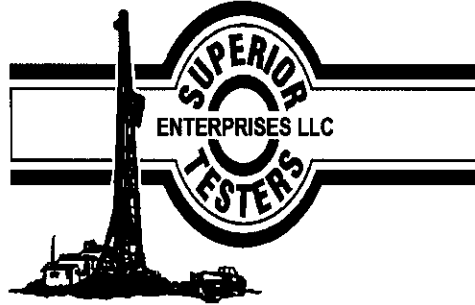
Recovery Table

Length ft	Description	Volume bbl
540.00	Mud 100%	5.644

Total Length: 540.00 ft Total Volume: 5.644 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 Kansas 67601

ATTN: Keith Reavis

Beren Trust 2-9

9-17s-14w-Barton

Start Date: 2012.07.03 @ 02:06:00

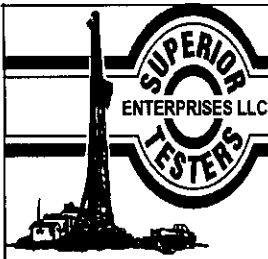
End Date: 2012.07.03 @ 08:21:30

Job Ticket #: 17692 DST #: 2

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

Printed: 2012.07.03 @ 06:35:10

Shelby Resources LLC 9-17s-14w-Barton Beren Trust 2-9 DST # 2 Lansing H-K 2012.07.03



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

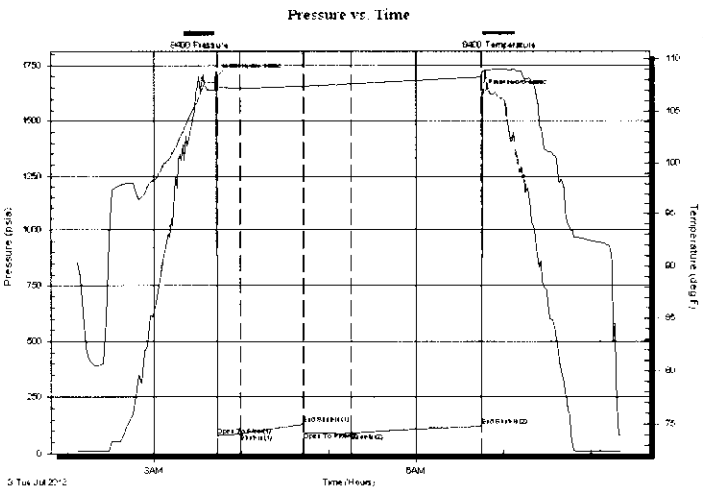
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17692 **DST#: 2**
 Test Start: 2012.07.03 @ 02:06:00

GENERAL INFORMATION:

Formation: **Lansing H-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:43:30
 Time Test Ended: 08:21:30
 Interval: **3353.00 ft (KB) To 3435.00 ft (KB) (TVD)**
 Total Depth: 3435.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 91.38 psia @ 3432.31 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.03 End Date: 2012.07.03 Last Calib.: 2012.07.03
 Start Time: 02:06:00 End Time: 08:21:30 Time On Btm: 2012.07.03 @ 03:43:00
 Time Off Btm: 2012.07.03 @ 06:45:30

TEST COMMENT: 1st Open 15 minutes Very weak surface blow
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Weak blow died off flushed no help.
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

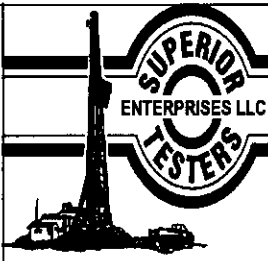
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1697.64	107.85	Initial Hydro-static
1	80.23	107.33	Open To Flow (1)
17	86.97	107.17	Shut-In(1)
60	130.81	107.38	End Shut-In(1)
60	96.48	107.36	Open To Flow (2)
93	91.38	107.58	Shut-In(2)
182	123.01	108.24	End Shut-In(2)
183	1624.37	108.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	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 Kansas 67601
 ATTN: Keith Reavis

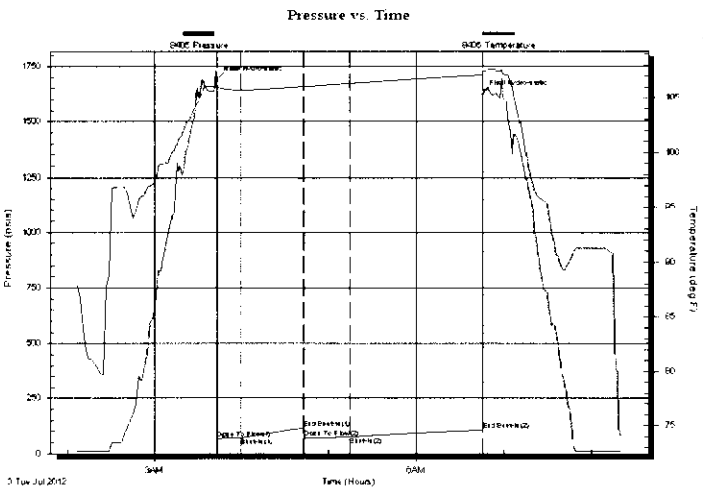
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17692 **DST#: 2**
 Test Start: 2012.07.03 @ 02:06:00

GENERAL INFORMATION:

Formation: **Lansing H-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:43:30
 Time Test Ended: 08:21:30
 Interval: **3353.00 ft (KB) To 3435.00 ft (KB) (TVD)**
 Total Depth: 3435.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8405 **Inside**
 Press@RunDepth: 107.11 psia @ 3431.31 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.03 End Date: 2012.07.03 Last Calib.: 2012.07.03
 Start Time: 02:06:00 End Time: 08:21:00 Time On Btm: 2012.07.03 @ 03:43:00
 Time Off Btm: 2012.07.03 @ 06:45:30

TEST COMMENT: 1st Open 15 minutes Very weak surface blow
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Weak blow died off flushed no help.
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

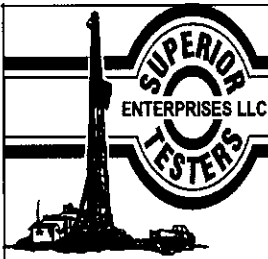
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1688.01	106.24	Initial Hydro-static
1	68.71	105.99	Open To Flow (1)
17	70.75	105.73	Shut-In(1)
60	115.68	106.06	End Shut-In(1)
61	72.26	106.06	Open To Flow (2)
91	76.16	106.34	Shut-In(2)
182	107.11	107.11	End Shut-In(2)
183	1624.56	107.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

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: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17692 **DST#: 2**
 Test Start: 2012.07.03 @ 02:06:00

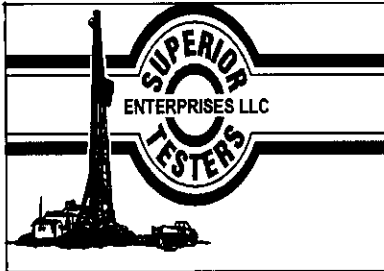
Tool Information

Drill Pipe:	Length: 3141.00 ft	Diameter: 3.80 inches	Volume: 44.06 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: 211.91 ft	Diameter: 2.25 inches	Volume: 1.04 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 45.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.91 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3353.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.31 ft			
Tool Length:	102.31 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			3338.00	
Hydraulic Tool	5.00			3343.00	
Packer	5.00			3348.00	20.00 Bottom Of Top Packer
Packer	5.00			3353.00	
Anchor	5.00			3358.00	
Change Over Sub	0.75			3358.75	
Drill Pipe	63.81			3422.56	
Change Over Sub	0.75			3423.31	
Anchor	7.00			3430.31	
Recorder	1.00	8405	Inside	3431.31	
Recorder	1.00	8400	Outside	3432.31	
Bull Plug	3.00			3435.31	82.31 Bottom Packers & Anchor

Total Tool Length: 102.31



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17692 **DST#: 2**
 Test Start: 2012.07.03 @ 02:06:00

Mud and Cushion Information

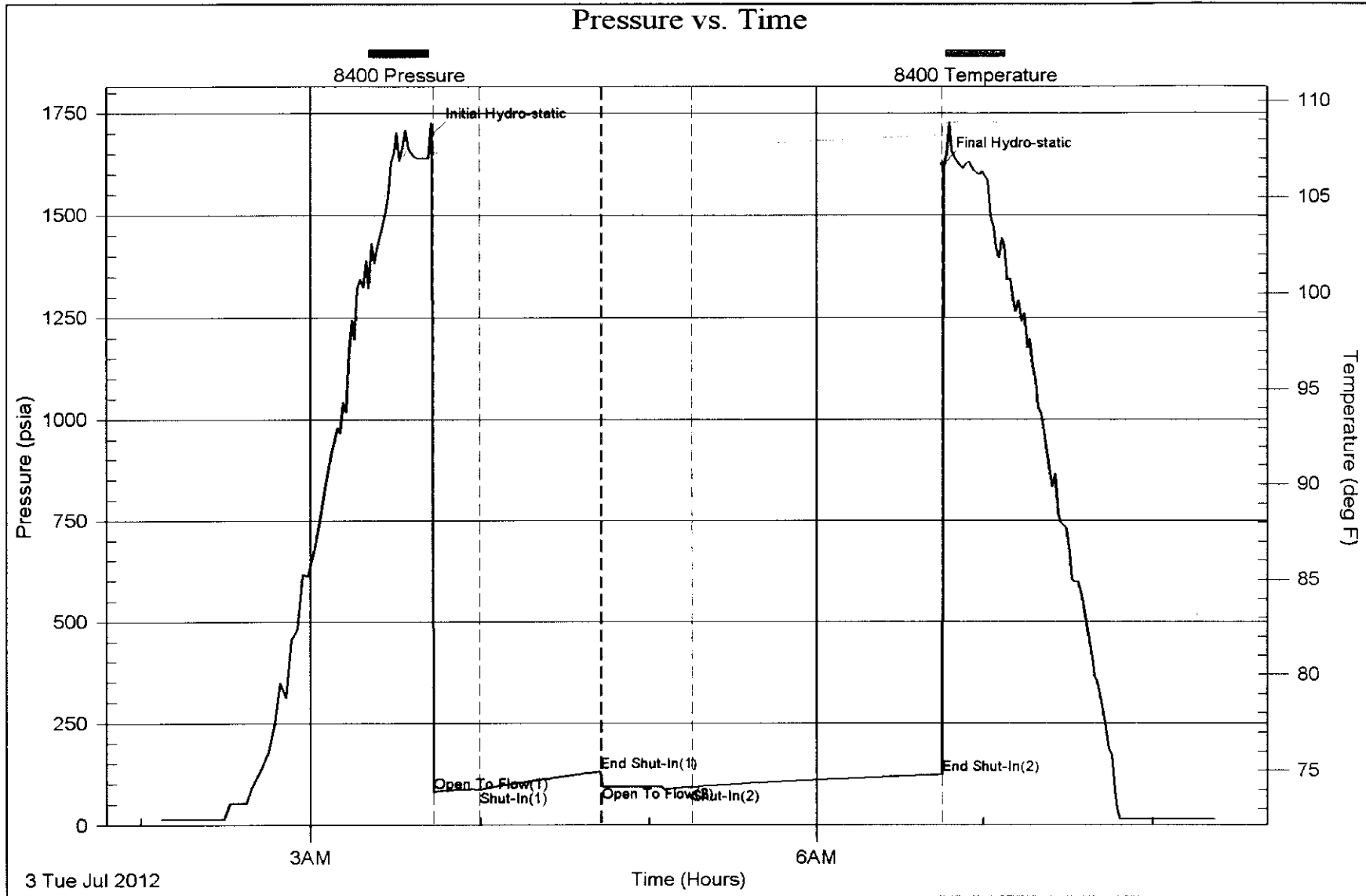
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5300.00 ppm			
Filter Cake: 1.00 inches			

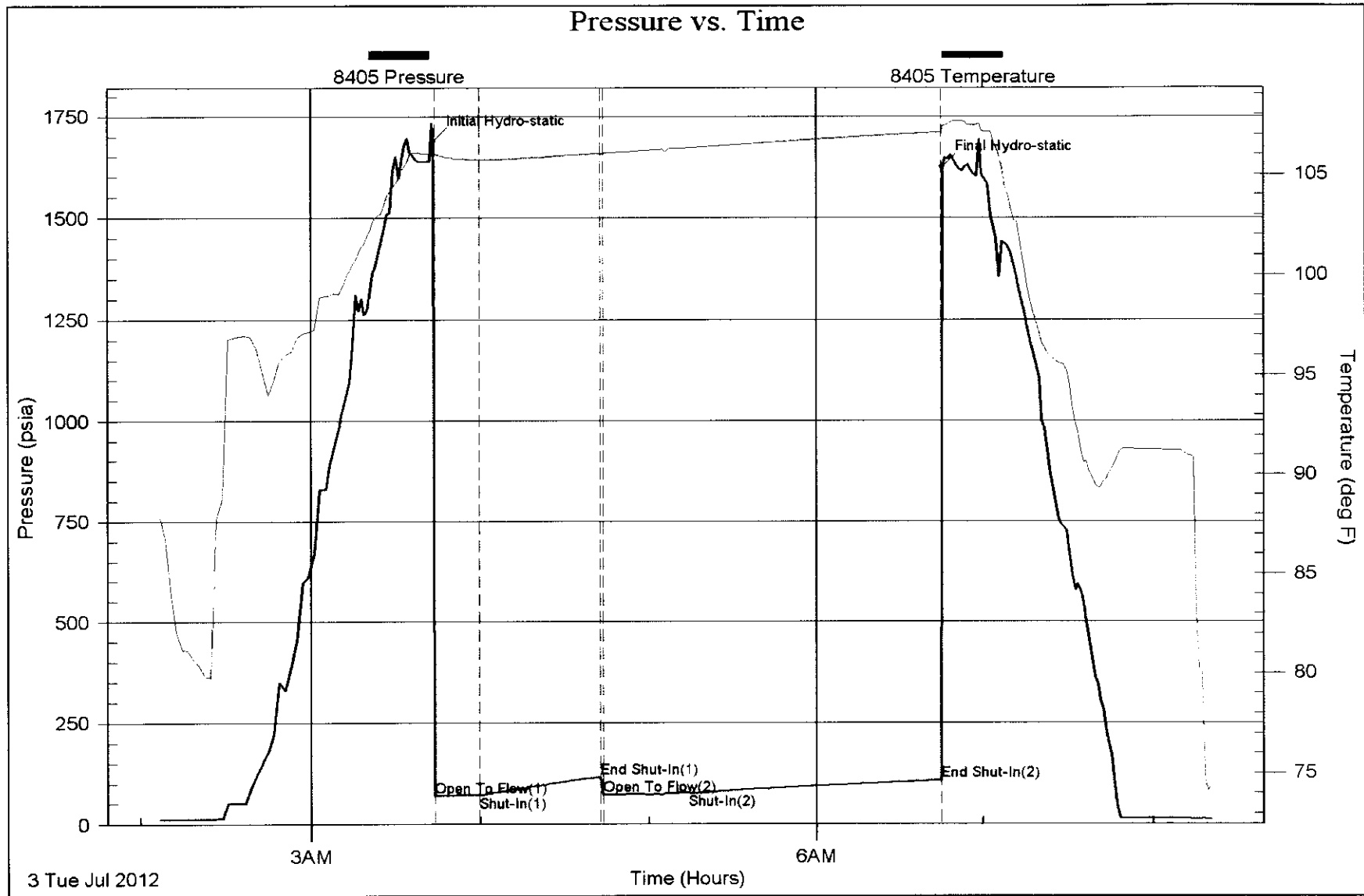
Recovery Information

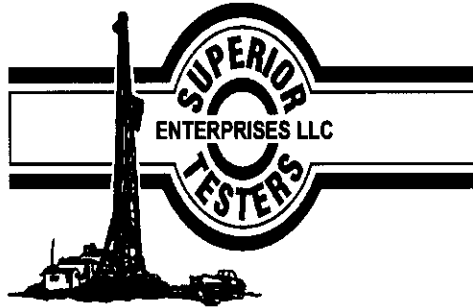
Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	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 Kansas 67601

ATTN: Keith Reavis

Beren Trust 2-9

9-17s-14w-Barton

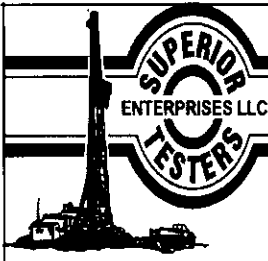
Start Date: 2012.07.03 @ 06:24:00

End Date: 2012.07.03 @ 13:41:00

Job Ticket #: 17693 DST #: 3

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

Printed: 2012.07.04 @ 00:12:26



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

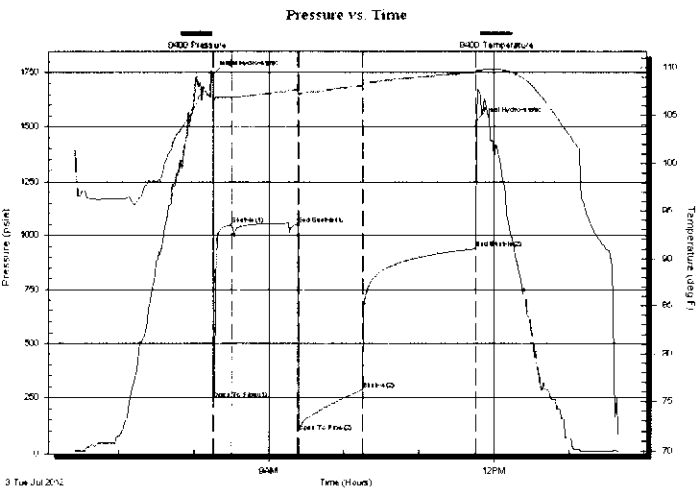
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17693 **DST#: 3**
 Test Start: 2012.07.03 @ 06:24:00

GENERAL INFORMATION:

Formation: **Gonglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:16:00
 Time Test Ended: 13:41:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Interval: **3428.00 ft (KB) To 3479.00 ft (KB) (TVD)**
 Total Depth: 3479.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 939.54 psia @ 3476.39 ft (KB)
 Start Date: 2012.07.03 End Date: 2012.07.03 Capacity: 5000.00 psia
 Start Time: 06:24:00 End Time: 13:40:30 Last Calib.: 2012.07.03
 Time On Btm: 2012.07.03 @ 08:15:30
 Time Off Btm: 2012.07.03 @ 11:46:30

TEST COMMENT: 1st Open 15 minutes Weak surface blow died off after 10 minutes.
 1st Shut in 45 minutes No blow back.
 2nd Open 60 minutes Dead blow flushed tool helped bottom bucket 11 minutes.
 2nd Shut 90 minutes Yes blow back.



PRESSURE SUMMARY

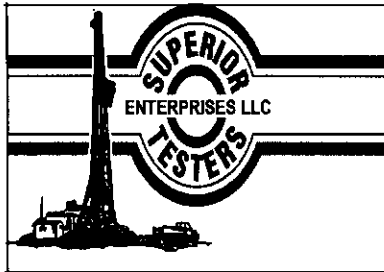
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1742.87	107.19	Initial Hydro-static
1	245.21	106.69	Open To Flow (1)
15	1048.74	106.89	Shut-In(1)
68	1049.67	107.69	End Shut-In(1)
69	96.89	107.13	Open To Flow (2)
120	286.64	108.11	Shut-In(2)
211	939.54	109.44	End Shut-In(2)
211	1529.89	109.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Clean oil 100%	0.20
50.00	Oil cut mud Oil 70% Mud 30%	0.25
124.00	Oil cut muddy w ater	0.63
0.00	1% Oil Mud 5% Water 94%	0.00
250.00	Mud cut w ater Mud 10% Water 90%	3.51

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: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17693 **DST#: 3**
 Test Start: 2012.07.03 @ 06:24:00

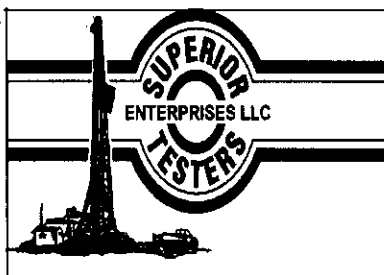
Tool Information

Drill Pipe:	Length: 3201.00 ft	Diameter: 3.80 inches	Volume: 44.90 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: 211.91 ft	Diameter: 2.25 inches	Volume: 1.04 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.91 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3428.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.39 ft			
Tool Length:	71.39 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			3413.00	
Hydraulic Tool	5.00			3418.00	
Packer	5.00			3423.00	20.00 Bottom Of Top Packer
Packer	5.00			3428.00	
Anchor	5.00			3433.00	
Change Over Sub	0.75			3433.75	
Drill Pipe	31.89			3465.64	
Change Over Sub	0.75			3466.39	
Anchor	8.00			3474.39	
Recorder	1.00	8405	Inside	3475.39	
Recorder	1.00	8400	Outside	3476.39	
Bull Plug	3.00			3479.39	51.39 Bottom Packers & Anchor

Total Tool Length: 71.39



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17693 **DST#: 3**
 Test Start: 2012.07.03 @ 06:24:00

Mud and Cushion Information

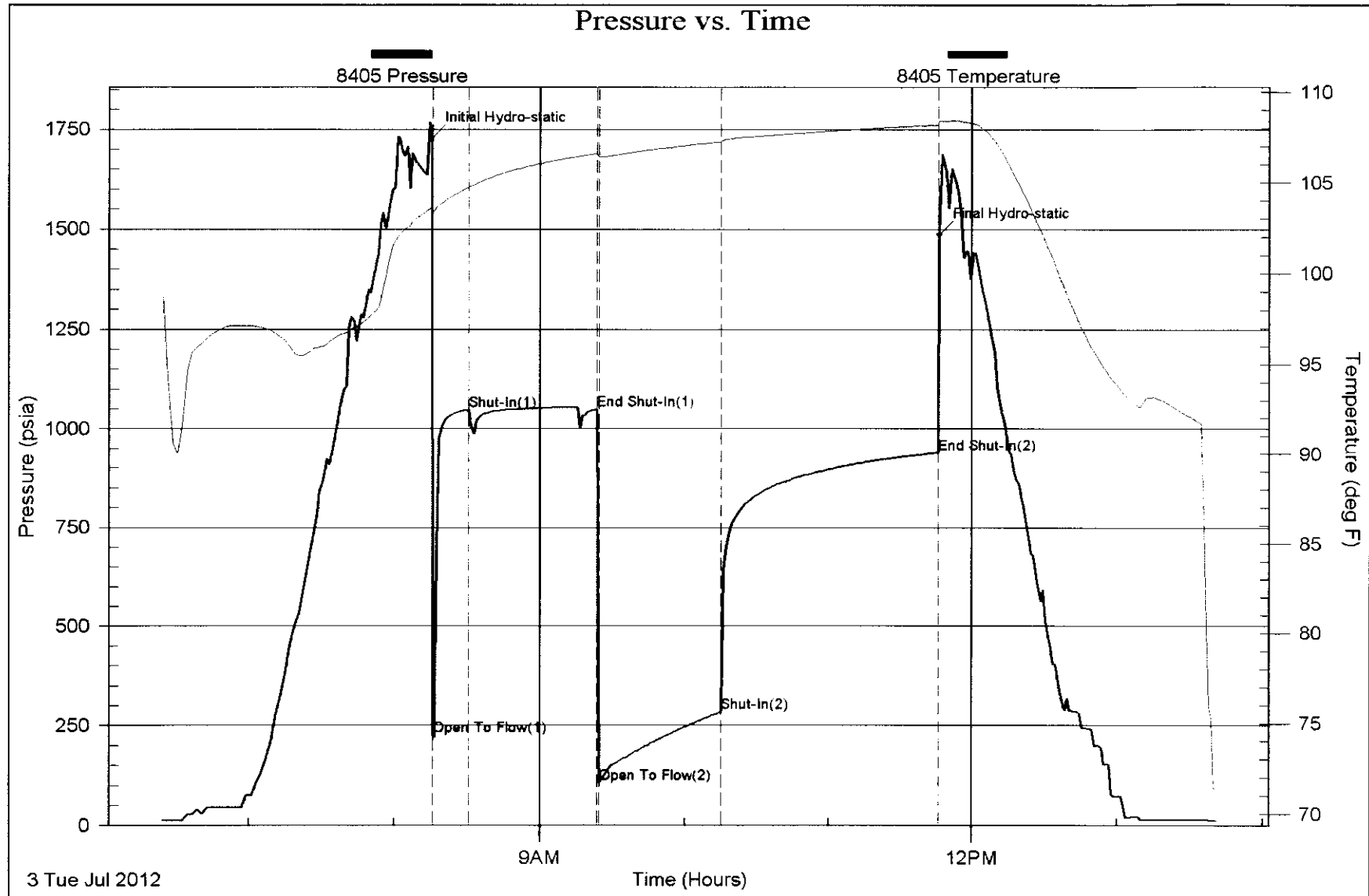
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in ³	Gas Cushion Type:		
Resistivity: 0.20 ohm.m	Gas Cushion Pressure: psia		
Salinity: 6300.00 ppm			
Filter Cake: 1.00 inches			

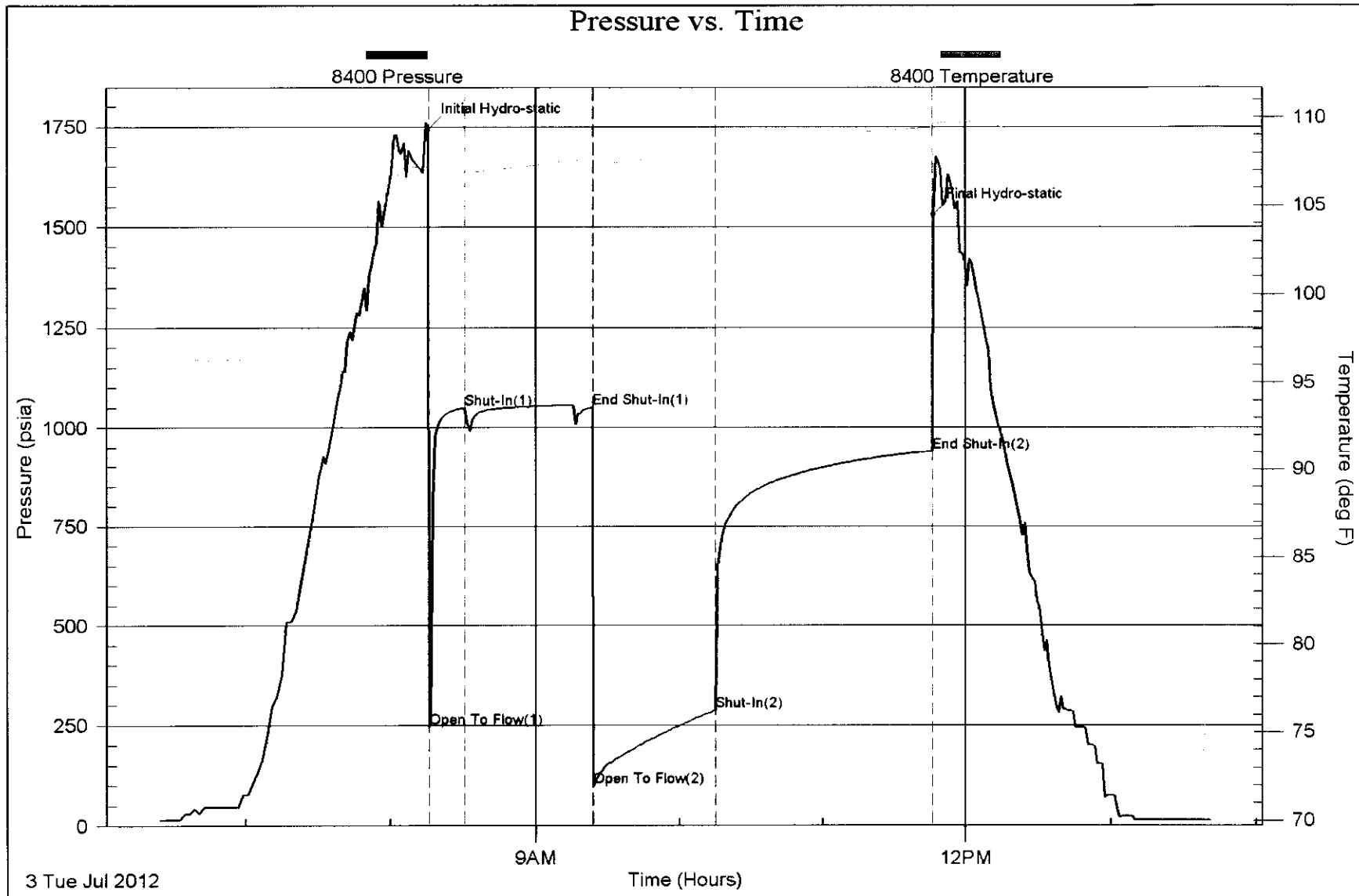
Recovery Information

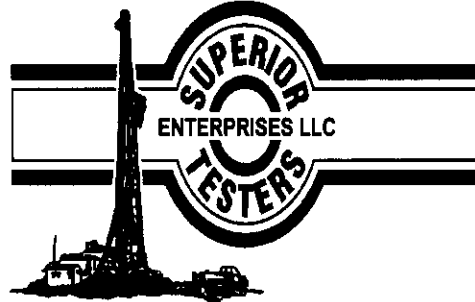
Recovery Table

Length ft	Description	Volume bbl
40.00	Clean oil 100%	0.197
50.00	Oil cut mud Oil 70%Mud 30%	0.246
124.00	Oil cut muddy w ater	0.629
0.00	1% Oil Mud 5% Water 94%	0.000
250.00	Mud cut w ater Mud 10% Water 905	3.507

Total Length: 464.00 ft Total Volume: 4.579 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 Kansas 67601

ATTN: Keith Reavis

Beren Trust 2-9

9-17s-14w-Barton

Start Date: 2012.07.04 @ 11:59:00

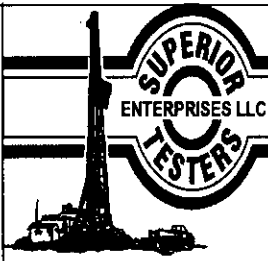
End Date: 2012.07.04 @ 17:42:30

Job Ticket #: 17694 DST #: 4

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

Printed: 2012.07.04 @ 15:57:13

Shelby Resources LLC 9-17s-14w-Barton Beren Trust 2-9 DST # 4 Arbuckle 2012.07.04



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

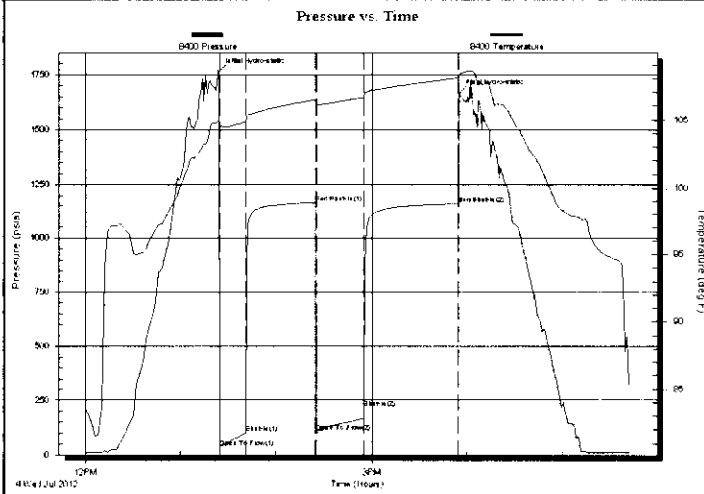
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17694 **DST#: 4**
 Test Start: 2012.07.04 @ 11:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:24:30
 Time Test Ended: 17:42:30
 Interval: **3498.00 ft (KB) To 3508.00 ft (KB) (TVD)**
 Total Depth: 3508.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 211.29 psia @ 3505.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.04 End Date: 2012.07.04 Last Calib.: 2012.07.04
 Start Time: 11:59:00 End Time: 17:42:30 Time On Btm: 2012.07.04 @ 13:24:00
 Time Off Btm: 2012.07.04 @ 15:55:30

TEST COMMENT: 1st Open 15 minutes Fair building blow built to 4 inches .
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Fair building blow built 9 inches
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

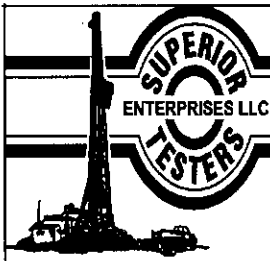
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1763.67	104.94	Initial Hydro-static
1	36.12	104.48	Open To Flow (1)
17	100.14	104.86	Shut-In(1)
61	1164.16	106.46	End Shut-In(1)
61	103.24	106.08	Open To Flow (2)
91	211.29	106.67	Shut-In(2)
151	1159.57	108.06	End Shut-In(2)
152	1664.85	108.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
278.00	Salt water 100%	1.97

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: Keith Reavis

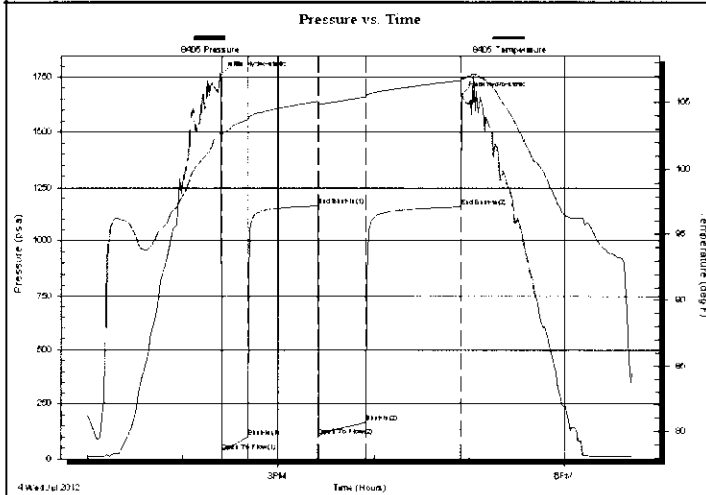
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17694 **DST#: 4**
 Test Start: 2012.07.04 @ 11:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:24:30
 Time Test Ended: 17:42:30
 Interval: **3498.00 ft (KB) To 3508.00 ft (KB) (TVD)**
 Total Depth: 3508.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1970.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8405 Inside
 Press@RunDepth: 1160.27 psia @ 3504.00 ft (KB)
 Start Date: 2012.07.04 End Date: 2012.07.04 Capacity: 5000.00 psia
 Start Time: 12:59:00 End Time: 18:42:30 Last Calib.: 2012.07.04
 Time On Btm: 2012.07.04 @ 14:24:00
 Time Off Btm: 2012.07.04 @ 16:55:30

TEST COMMENT: 1st Open 15 minutes Fair building blow built to 4 inches .
 1st Shut in 45 minutes No blow back
 2nd Open 30 minutes Fair building blow built 9 inches
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

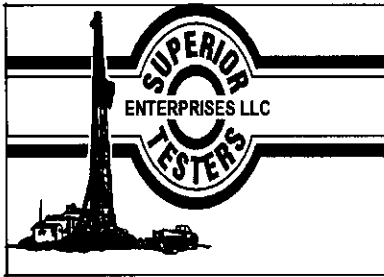
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1760.24	102.84	Initial Hydro-static
1	35.57	102.58	Open To Flow (1)
17	98.49	103.72	Shut-In(1)
61	1164.85	105.08	End Shut-In(1)
61	102.30	104.88	Open To Flow (2)
91	164.95	105.43	Shut-In(2)
151	1160.27	106.66	End Shut-In(2)
152	1669.10	106.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
278.00	Salt water 100%	1.97

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: Keith Reavis

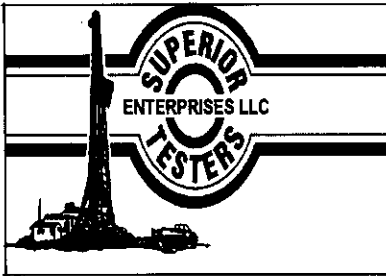
9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17694 **DST#: 4**
 Test Start: 2012.07.04 @ 11:59:00

Tool Information

Drill Pipe:	Length: 3285.00 ft	Diameter: 3.80 inches	Volume: 46.08 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: 211.96 ft	Diameter: 2.25 inches	Volume: 1.04 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 47.12 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	26.96 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3498.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			3475.00	
Hydraulic Tool	5.00			3480.00	
Jars	6.00			3486.00	
Safety Joint	2.00			3488.00	
Packer	5.00			3493.00	28.00 Bottom Of Top Packer
Packer	5.00			3498.00	
Anchor	5.00			3503.00	
Recorder	1.00	8405	Inside	3504.00	
Recorder	1.00	8400	Outside	3505.00	
Bull Plug	3.00			3508.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Blvd. Suite C
 Hays Kansas 67601
 ATTN: Keith Reavis

9-17s-14w-Barton
Beren Trust 2-9
 Job Ticket: 17694 **DST#: 4**
 Test Start: 2012.07.04 @ 11:59:00

Mud and Cushion Information

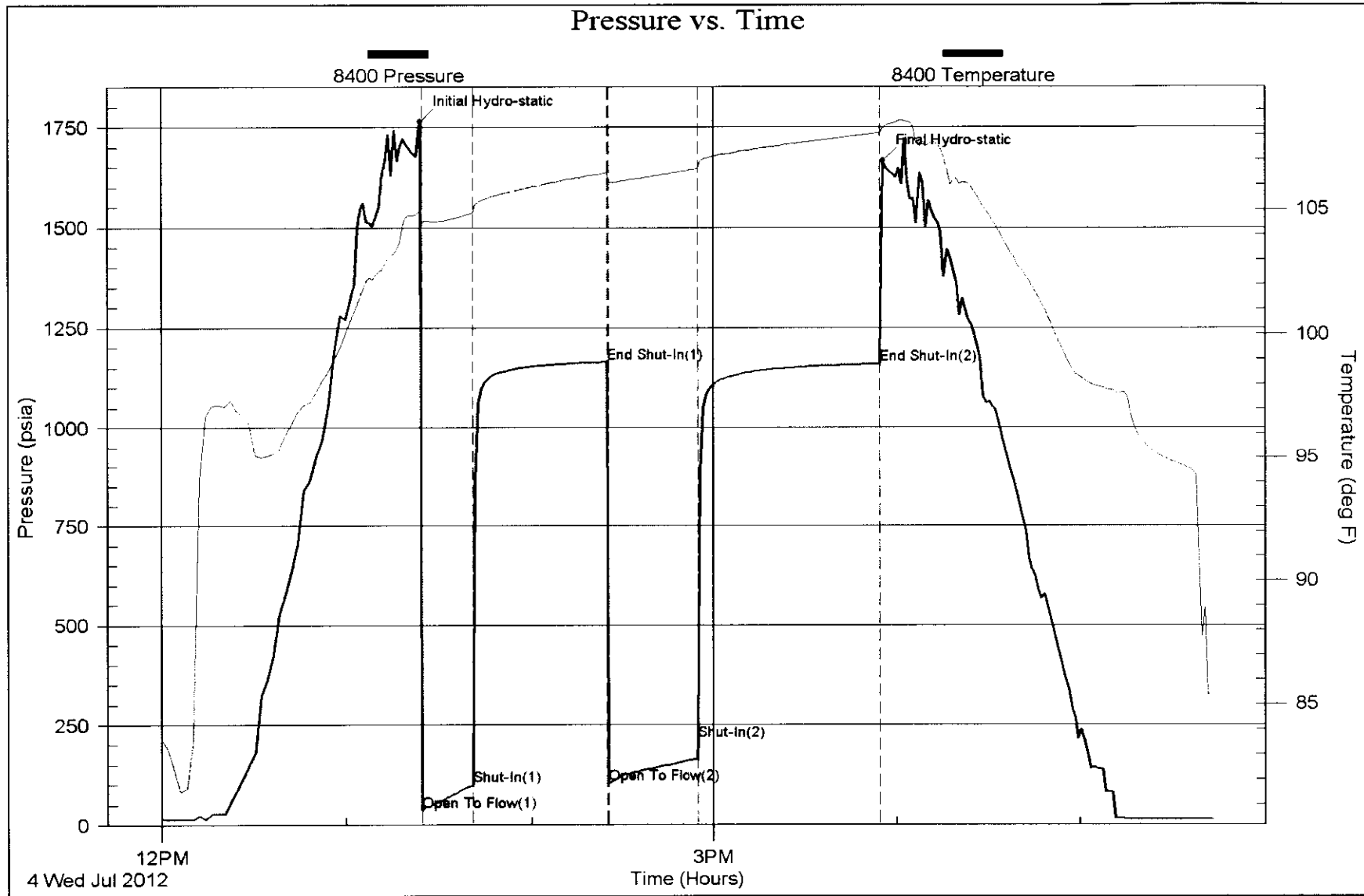
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.80 in ³	Gas Cushion Type:			
Resistivity:	0.20 ohm.m	Gas Cushion Pressure:	psia		
Salinity:	6300.00 ppm				
Filter Cake:	1.00 inches				

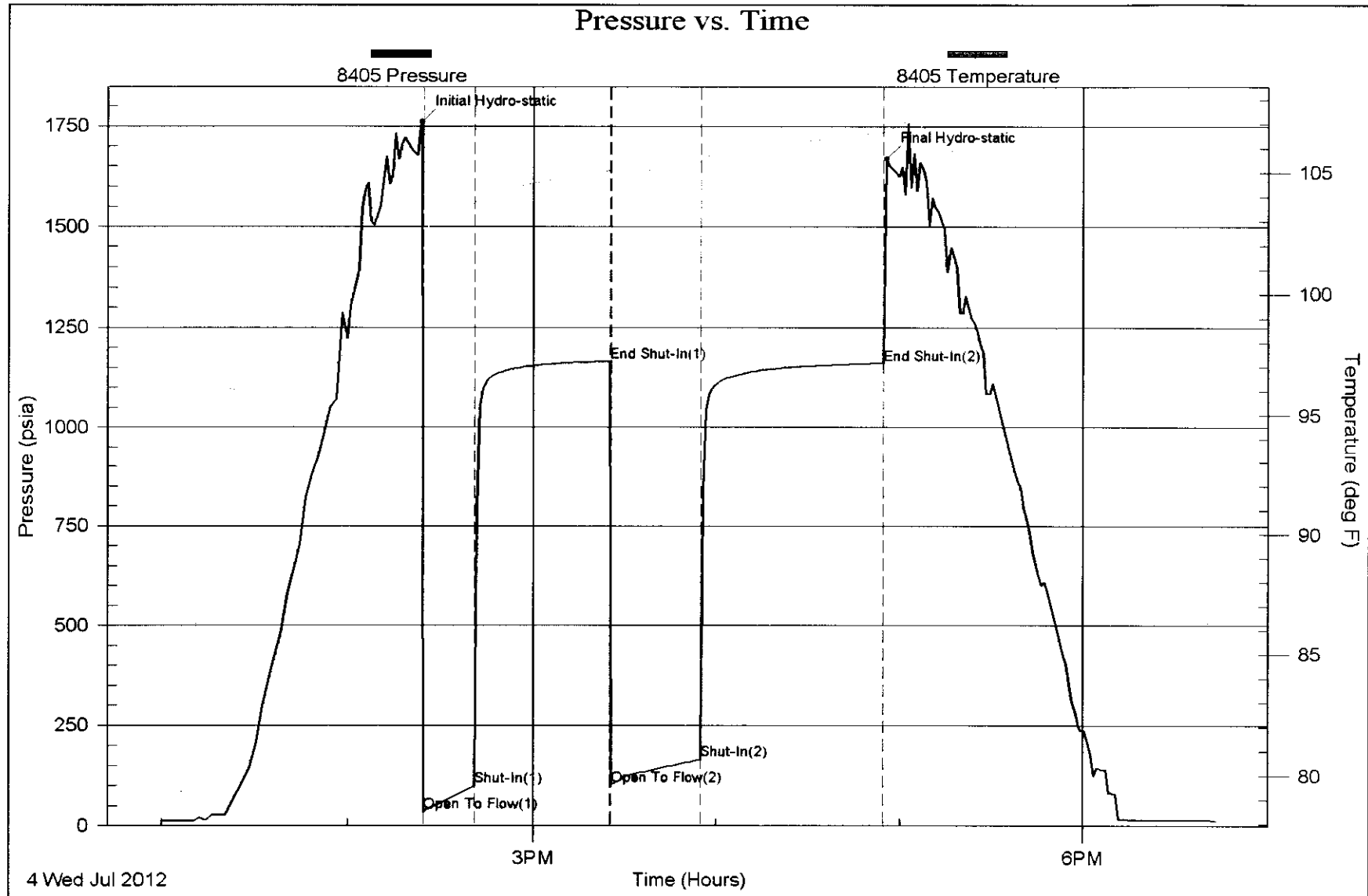
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
278.00	Salt water 100%	1.969

Total Length: 278.00 ft Total Volume: 1.969 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





QUALITY OILWELL CEMENTING, INC.

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

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

No. 697

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-28-12	9	17	14	Barton	KS		9:00 p.m.
Lease <u>Boren Trust</u>	Well No. <u>2-9</u>		Location <u>Hay 281 Stolsor Rd 2w 1/2 N E into</u>				
Contractor <u>Stirling #4</u>				Owner			
Type Job <u>Surface</u>				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 <u>12 1/4</u>	T.D. <u>985</u>			Charge To <u>Shelby Resources</u>			
Csg. <u>8 5/8</u>	Depth <u>985</u>			Street			
Tbg. Size	Depth			City			
Tool	Depth			State			
Cement Left in Csg. <u>35.12</u>	Shoe Joint <u>25.00</u>			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace <u>60.34 BC</u>			Cement Amount Ordered <u>380 @ 40.30/64 29/64 1</u>			
EQUIPMENT							
Pumptrk <u>15</u>	No.	Cement Helper <u>raig</u>	Common <u>150</u>				
Bulktrk	No.	Driver <u>NICK</u>	Poz. Mix <u>150</u>				
Bulktrk <u>412</u>	No.	Driver <u>leave</u>	Gel. <u>7</u>				
JOB SERVICES & REMARKS							
Remarks:				Calcium <u>16</u>			
Rat Hole				Hulls			
Mouse Hole				Salt			
Centralizers				Flowseal			
Baskets				Kol-Seal			
D/V or Port Collar				Mud CLR 48			
<u>8 5/8 on bottom. Est. Circulation.</u>				CFL-117 or CD110 CAF 38			
<u>Mix 380 SK & Displace Plug.</u>				Sand			
<u>Cement Circulated!</u>				Handling <u>403</u>			
				Mileage			
FLOAT EQUIPMENT							
				Guide Shoe <u>8 5/8</u>			
				Centralizer <u>Butt weld shoe</u>			
				Baskets <u>Baffle plate</u>			
				AFU Inserts <u>Rubber Plug</u>			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <u>1000</u>			
				Mileage <u>55</u>			
				Tax			
				Discount			
				Total Charge			
X Signature <u>[Signature]</u>							

