



KANSAS CORPORATION COMMISSION 1082250
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: 2717 Canal Blvd.
Address 2: Sulte C
City: HAYS State: KS Zip: 67601 + _____
Contact Person: Chris Gottschalk
Phone: (785) 623-1524
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Kieth 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>11/11/2011</u>	<u>11/20/2011</u>	<u>01/03/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25637-00-00

Spot Description: _____
NE NW NE SE Sec. 20 Twp. 17 S. R. 13 East West
2580 Feet from North / South Line of Section
940 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton

Lease Name: SH Unit Well #: 1

Field Name: _____

Producing Formation: Arbuckle

Elevation: Ground: 1930 Kelly Bushing: 1940

Total Depth: 3527 Plug Back Total Depth: 3483

Amount of Surface Pipe Set and Cemented at: 947 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: 50000 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 #3 SWDq 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 Garcia Date: 05/24/2012



1082250

Operator Name: Shelby Resources LLC Lease Name: SH Unit Well #: 1
 Sec. 20 Twp. 17 S. R. 13 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3106</td> <td>-1166</td> </tr> <tr> <td>Lansing</td> <td>3200</td> <td>-1260</td> </tr> <tr> <td>Base KC</td> <td>3406</td> <td>-1466</td> </tr> <tr> <td>Arbuckle</td> <td>3422</td> <td>-1482</td> </tr> </table>	Name	Top	Datum	Heebner	3106	-1166	Lansing	3200	-1260	Base KC	3406	-1466	Arbuckle	3422	-1482
Name	Top	Datum														
Heebner	3106	-1166														
Lansing	3200	-1260														
Base KC	3406	-1466														
Arbuckle	3422	-1482														

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	23	947	AA-2	350	2% gel, 3% cc
Production	7.875	5.5	15.5	3515	AA-2	100	2% gel, 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	3434-3438	Common	25	DOC

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	3434-38	250 20% INS Acid	
4	3429-36	150 10% INS Acid	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3460</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>01/03/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>21</u>	Gas Mcf <u>4</u>	Water Bbls. <u>4</u>
		Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3429-36</u>
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	SH Unit 1
Doc ID	1082250

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic
Cement Bond



Shelby Resources L.L.C.

S-H Unit #1 /Casing Report

API#15-009-25637-00-00

NE-NW-NE-SE

2580' FSL & 940' FEL

Sec. 20, T17s-R13w

Barton County, Kansas

GL: 1929'

KB: 1940'

11/13/2011 **Surface Casing**

Spud at 9:30 p.m. on 11/11/11. Drill 12¼" hole to 954'. Ran 22 joints of new 8. 5/8"-23# casing set at 947' KB. Cemented by Quality Cementing with 350 sx Common 2% gel, 3% CC. cement did circulate. Plug down at 5:30 a.m. on 11/13/11. Welded straps on the bottom 3 joints and welded straps and collars on the top 5 joints.

11/20/2011 **Production Casing**

On location @ 4:00 p.m. on 11/19/11, RIH with drill pipe and condition the hole. Laying down drill pipe and collars, Begin running 84 joints 5 ½" (15.5#) casing. Shoe joint was 21.00'. Insert @ 3494.71'. Marker joint was 5 joints off bottom and measured 21.06'. Set casing @ 3515.71' KB. Landed casing 11' off RTD 3527' and LTD, 3524'. Ran a basket on top of #1 and centralizers on #2, #3, #5, and #7. Landed casing @ 3:00 a.m. (11/20/11) Circulate hole for 60 minutes to lower viscosity in mud. RU Basic Services, plug RH with 30 sx. and MH with 20 sx. Mix and pump 50 sx 60/40 Poz-Mix as scavenger flush, followed by 100 sx AA-2 cement down casing. Had good circulation throughout the job. Plug down @ 5:00 a.m. and held 1500#. Release pressure and float held. Release Sterling Rig #2 @ 7:00 a.m. (11/20/11)

QUALITY OILWELL CEMENTING, INC.

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

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

No. 175

Date: 11-13-11	Sec. 20	Twp. 17	Range 13	County Barton	State KS	On Location	Finish 5:30 AM
Lease SH unit		Well No. #1		Location Hoisington, KS - 2 1/2 N on Susank Rd			
Contractor Sterling Rig#1				Owner WS			
Type Job Surface				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 12 1/4"		T.D. 954'		Charge To Shelby Resources			
Csg. 8 5/8"		Depth 954'		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg. 42.46'		Shoe Joint 42.46'		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 58 BLS		Cement Amount Ordered 350 sx Common 3 1/2 cc			

EQUIPMENT			
Pumptrk 1	No. Cementar Helper Cisco		2 1/2 Gal
Bulktrk 14	No. Driver Mike		Common 350
Bulktrk pu	No. Driver Rick		Poz. Mix
			Gel. 7
JOB SERVICES & REMARKS			Calcium 13
Remarks: Cement did Circulate			Hulls
Rat Hole			Salt
Mouse Hole			Flowseal
Centralizers			Kol-Seal
Baskets			Mud CLR 48
D/V or Port Collar			CFL-117 or CD110 CAF 38
			Sand
			Handling 370
			Mileage
FLOAT EQUIPMENT			
			Guide Shoe
			Centralizer
			Baskets
			AFU inserts
			Float Shoe
			Latch Down
			1 - Baffle plate
			1 - Rubber plug
			(Pumptrk Charge) Loop Surface
			Mileage 16
X Signature <i>Mike Lewis</i>			Tax
			Discount
			Total Charge

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: Shalby Resources LLC Lease No. _____ Date: 11-20-11
 Lease: SH UNIT Well # #1
 Field Order # 05271A Station Pratt Ks Casing 5/8" Depth 3515.71' County Barton State Kans.
 Type Job 5/8" Long String Formation cnw Legal Description 20-17-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<u>5/8"</u>				<u>50 SKS 60/40 Por</u>	<u>15.3 #</u>	<u>12 #</u>		
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<u>3515.71</u>				<u>100 SKS AA2</u>	<u>15.3 #</u>			
Volume	Volume	From	To	Pad	Min		10 Min.	
<u>23301</u>				<u>RH hole 30</u>	<u>SKS 60/40 Por</u>			
Max Press #	Max Press	From	To	Frac	Avg		15 Min.	
<u>1500</u>				<u>MH hole 20</u>	<u>SKS 60/40 Por</u>			
Well Connection	Annulus Vol.	From	To	Flush	HHP Used		Annulus Pressure	
<u>PC</u>				<u>DISP H2O</u>				
Plug Depth	Packer Depth	From	To	Gas Volume			Total Load	
<u>3493.71</u>								

Customer Representative: Chris Gottschalk Station Manager: Scotty Treater: Allen
 Service Units: 08443 19989 19842 19832 21010 32586
 Driver Names: Allen Mike Lawrence Jeff McCaskin Keever

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>730</u>					<u>on loc. Discuss Safety Setup Plan Job Rig Laying down Drill Pipe. Lay down Kelly & Rig up to Run 5/8" casing.</u>
<u>100 Agl</u>					<u>Start 5/8" casing. Shoe Joint 20' w/ Auto Fill Float & Basket & L.D. Baffle in collar cent, 2-3-5-7</u>
<u>315</u>					<u>TAS TD @ 3524 Pick up & circ @ 3515.71 Good circ</u>
<u>425</u>			<u>10</u>	<u>5</u>	<u>mix & Pump 50SKS 60/40 SCAVAGER 12</u>
				<u>5</u>	<u>mix & Pump 100SKS AA2 cmt @ 15.3 #</u>
			<u>24</u>		<u>Finish mix wash out Pump & Line</u>
<u>445</u>				<u>6</u>	<u>Drop L.D. Plug. Start Disp. CAP 8389</u>
<u>500#</u>	<u>500#</u>			<u>5</u>	<u>caught lift PSI @ 58 Bbls out</u>
<u>500#</u>	<u>1500#</u>		<u>83</u>	<u>4</u>	<u>Plug down</u>
	<u>0</u>				<u>Release PSI TO TRK 0#</u>
			<u>7</u>		<u>Plug RH w/ 30SKS 60/40 Por</u>
			<u>5</u>		<u>Plug MH w/ 20SKS 60/40 Por</u>
					<u>wash up & Rack up Equip.</u>
<u>600</u>					<u>Job complete</u>
					<u>thanks Allen, Keever, Mike, Jeff</u>

BASIC

energy services, L.P.

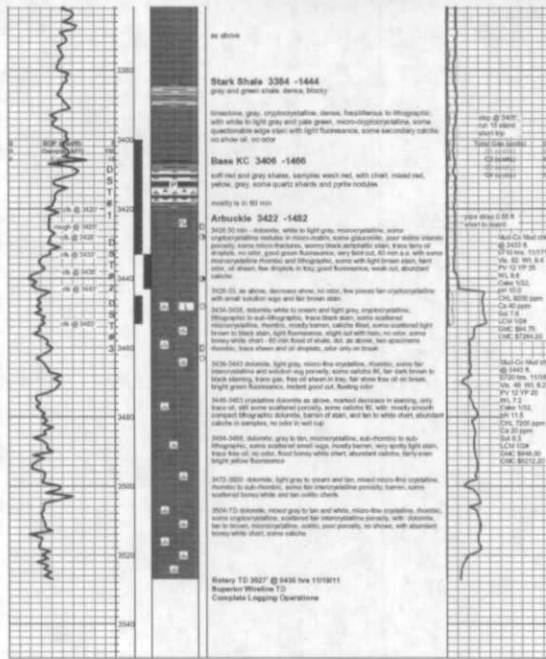
TREATMENT REPORT

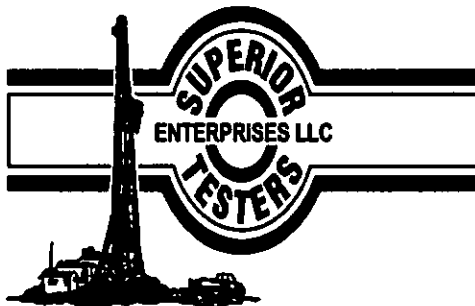
Customer SHAW RES Lease No. _____ Date 12-1-11
 Lease 5H UNIT Well # 1
 Field Order # 5452 Station PRATT KS Casing 5 1/2 Depth _____ County PRATT State KS
 Type Job CAV-SUMBERG Formation ARB Legal Description 20-17-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<u>5 1/2</u>	<u>4 1/2</u>							
Depth	Depth	From	To	Pre Pad	Max			5 Min.
<u>316</u>	<u>727</u>	<u>3134</u>	<u>3138</u>					
Volume	Volume	From	To	Pad	Min			10 Min
<u>316</u>	<u>727</u>							
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Plugging Depth	From	To	Flush	Gas Volume			Total Load
<u>3160</u>	<u>3160</u>							

Customer Representative CLUBS Station Manager SCOTT Treater CORSEY
 Service Units FA07 27463 12825 13860 19960 19862
 Driver Names KS BRAD MAC CLUBS

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>14:30</u>					<u>ON LOCATION</u>
<u>15:15</u>	<u>400</u>		<u>3</u>	<u>1</u>	<u>PSI DOWN</u>
		<u>1500</u>	<u>4</u>	<u>3/4</u>	<u>DMT RATE TRC - 3/4 PRP-1500</u>
		<u>1500</u>	<u>4</u>	<u>3/4</u>	<u>PUMP 4 bbl OIL</u>
		<u>1500</u>	<u>12.8</u>	<u>3/4</u>	<u>PUMP 50SK DOC CEMENT</u>
		<u>1500</u>	<u>3</u>	<u>3/4</u>	<u>PUMP 3 bbl OIL</u>
		<u>1500</u>	<u>0</u>	<u>3/4</u>	<u>START 17.0 FEET H</u>
		<u>1500</u>	<u>1</u>	<u>1/2</u>	<u>CEMENT 1/2 FEET</u>
		<u>2500</u>	<u>5</u>	<u>1/2</u>	<u>2500-STOP</u>
		<u>1400-2500</u>			<u>STARTED W.</u>
<u>16:15</u>		<u>1900</u>	<u>6</u>		<u>UNIT 15 MINUTES 205</u>
<u>16:30</u>					<u>RELEASE - HARD</u>
					<u>RELEASE PDR.</u>
<u>16:30</u>	<u>500</u>		<u>15</u>	<u>1/2</u>	<u>RELEASE OUT</u>
					<u>RUN 6 ITS TRC</u>
<u>17:00</u>	<u>500</u>		<u>2.0</u>	<u>2</u>	<u>RELEASE OUT</u>
					<u>PULL 16 ITS TRC</u>
		<u>500</u>			<u>PSI SUMBERG</u>
		<u>500</u>			<u>START ON TRC</u>
					<u>JOB COMPLETE - LEAVE</u>





DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

S-H unit #1-20

20-17s-13w-Barton

Start Date: 2011.11.17 @ 02:12:00

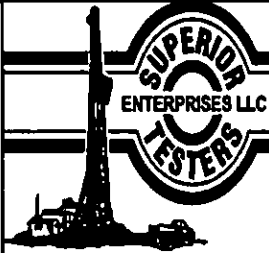
End Date: 2011.11.17 @ 09:34:30

Job Ticket #: 17234 DST #: 1

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

Printed: 2011.11.17 @ 09:56:54

Shelby Resources 20-17s-13w-Barton S-H unit #1-20 DST # 1 Arbuckle 2011.11.17



DRILL STEM TEST REPORT

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

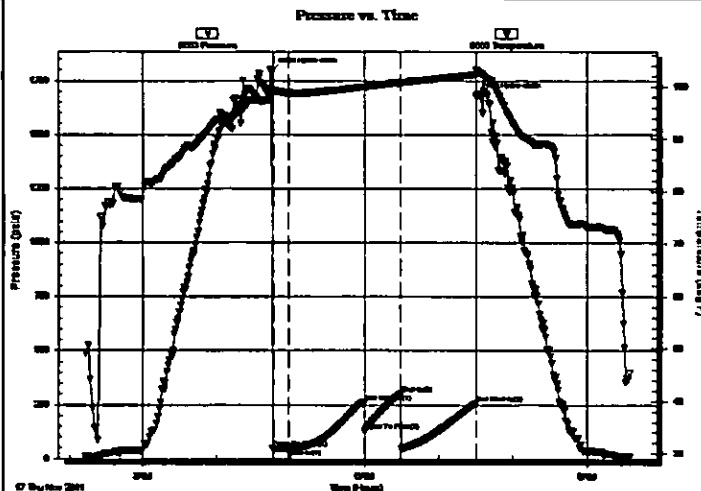
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17234 DST#: 1
 Test Start: 2011.11.17 @ 02:12:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:45:30
 Time Test Ended: 09:34:30
 Interval: **3400.00 ft (KB) To 3433.00 ft (KB) (TVD)**
 Total Depth: **3400.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dustin Ellis**
 Unit No: **3315-GB-30**
 Reference Elevations: **1940.00 ft (KB)**
1929.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 6663 **Outside**
 Press@RunDepth: **302.49 psia @ 3430.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2011.11.17** End Date: **2011.11.17** Last Calib.: **2011.11.17**
 Start Time: **02:12:00** End Time: **09:34:30** Time On Btm: **2011.11.17 @ 04:44:30**
 Time Off Btm: **2011.11.17 @ 07:30:30**

TEST COMMENT: 1st Open 15 minutes Weak surface blow
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes Very weak surface blow then died off
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

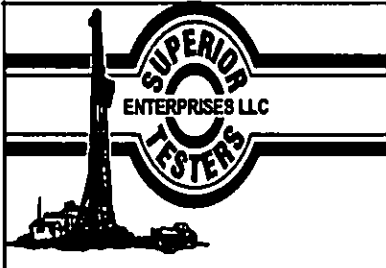
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	1790.67	99.16	Initial Hydro-static
1	47.76	99.13	Open To Flow (1)
14	48.13	98.78	Shut-in(1)
75	260.80	100.05	End Shut-in(1)
76	129.29	100.02	Open To Flow (2)
105	302.49	100.90	Shut-in(2)
166	258.61	102.39	End Shut-in(2)
166	1677.62	103.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mudd 100%	0.01

Gas Rates

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



DRILL STEM TEST REPORT

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

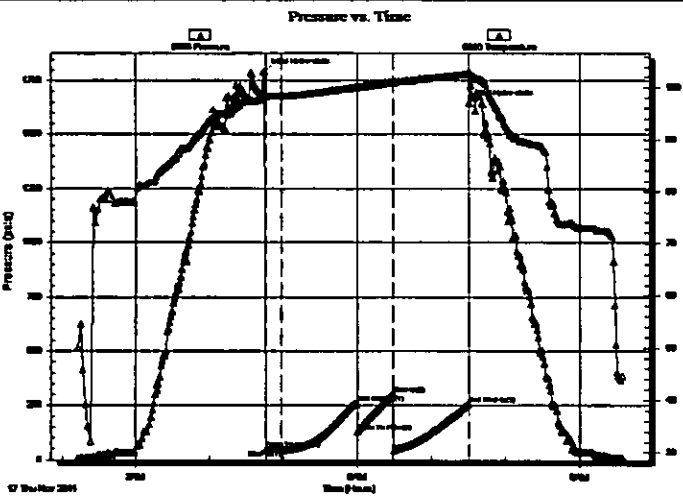
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17234 **DST#: 1**
 Test Start: 2011.11.17 @ 02:12:00

GENERAL INFORMATION:

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 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:45:30
 Time Test Ended: 09:34:30
 Interval: **3400.00 ft (KB) To 3433.00 ft (KB) (TVD)**
 Total Depth: 3400.00 ft (KB) (TVD)
 Hole Diameter: 7.88 Inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-30
 Reference Elevations: 1940.00 ft (KB)
 1929.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6806 **Inside**
 Press@RunDepth: 257.13 psia @ 3429.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.11.17 End Date: 2011.11.17 Last Calib.: 2011.11.17
 Start Time: 02:12:00 End Time: 09:34:30 Time On Btrr: 2011.11.17 @ 04:44:30
 Time Off Btrr: 2011.11.17 @ 07:30:30

TEST COMMENT: 1st Open 15 minutes Weak surface blow
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes Very weak surface blow then died off
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

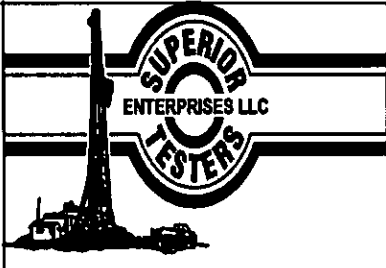
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1792.02	98.23	Initial Hydro-static
1	46.70	98.25	Open To Flow (1)
14	46.66	98.39	Shut-in(1)
75	259.46	100.16	End Shut-in(1)
76	128.13	100.15	Open To Flow (2)
105	300.96	101.09	Shut-in(2)
166	257.13	102.63	End Shut-in(2)
166	1642.94	103.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mudd 100%	0.01

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

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

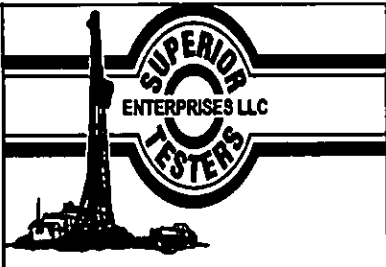
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17234 DST#: 1
 Test Start: 2011.11.17 @ 02:12:00

Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 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: 258.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose: 51000.00 lb
			<u>Total Volume: 45.08 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3400.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	61.00 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			3377.00	
Hydraulic Tool	5.00			3382.00	
Jars	6.00			3388.00	
Safety Joint	2.00			3390.00	
Packer	5.00			3395.00	28.00 Bottom Of Top Packer
Packer	5.00			3400.00	
Perforations	28.00			3428.00	
Recorder	1.00	6806	Inside	3429.00	
Recorder	1.00	6663	Outside	3430.00	
Bull Plug	3.00			3433.00	33.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

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

20-17s-13w-Barton
 S-H unit #1-20
 Job Ticket: 17234 DST#: 1
 Test Start: 2011.11.17 @ 02:12:00

Mud and Cushion Information

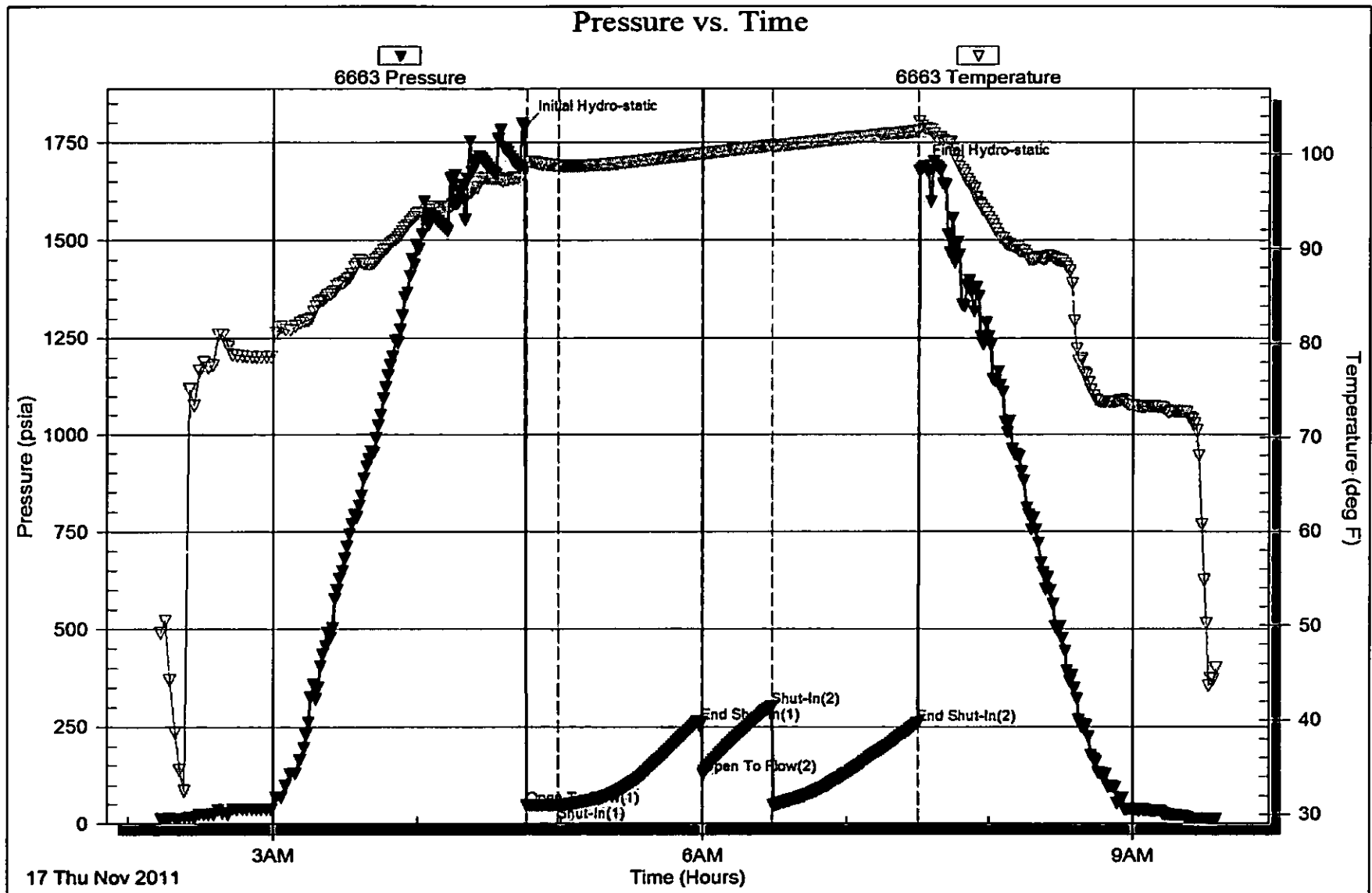
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

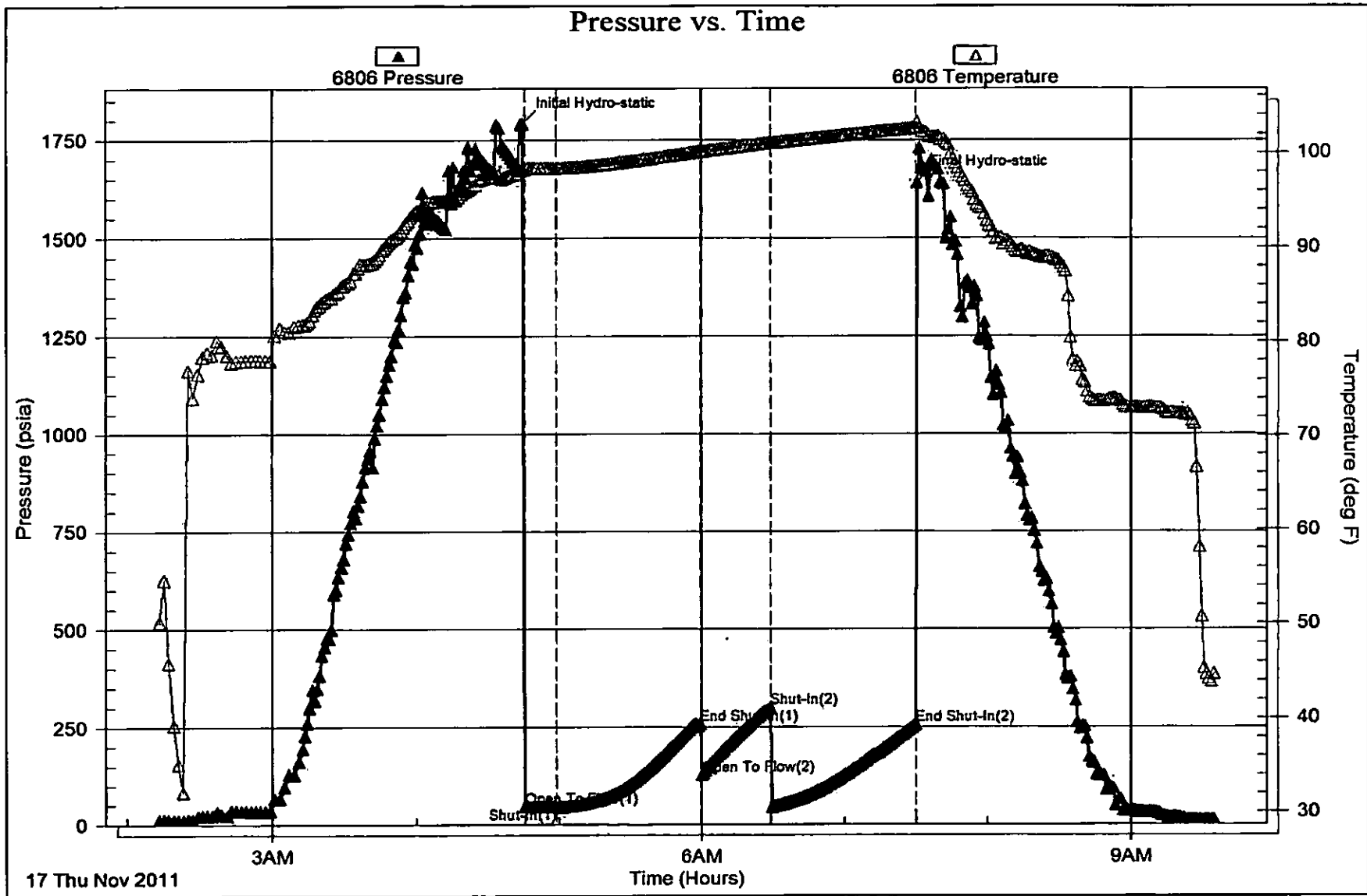
Recovery Information

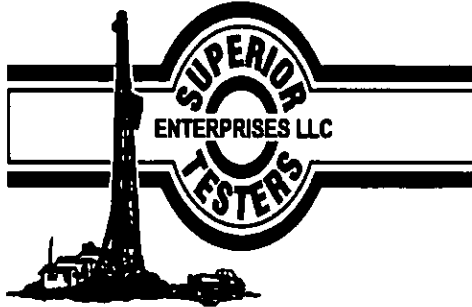
Recovery Table

Length ft	Description	Volume bbl
2.00	Mudd 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

S-H unit #1-20

20-17s-13w-Barton

Start Date: 2011.11.17 @ 07:10:00

End Date: 2011.11.17 @ 16:42:30

Job Ticket #: 17235 DST #: 2

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

Printed: 2011.11.18 @ 05:08:42

Shelby Resources 20-17s-13w-Barton S-H unit #1-20 DST # 2 Arbuckle 2011.11.17



DRILL STEM TEST REPORT

TOOL DIAGRAM

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

20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17235 **DST#: 2**
 Test Start: 2011.11.17 @ 07:10:00

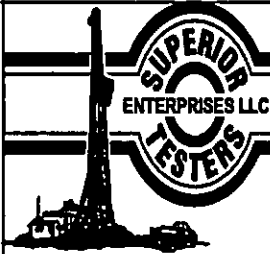
Tool Information

Drill Pipe:	Length: 3153.00 ft	Diameter: 3.80 inches	Volume: 44.23 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: 258.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose: 51000.00 lb
			<u>Total Volume: 45.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3433.00 ft			Final 51000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in Tool	5.00			3410.00	
Hydraulic Tool	5.00			3415.00	
Jars	6.00			3421.00	
Safety Joint	2.00			3423.00	
Packer	5.00			3428.00	28.00 Bottom Of Top Packer
Packer	5.00			3433.00	
Perforations	5.00			3438.00	
Recorder	1.00	6806	Inside	3439.00	
Recorder	1.00	6663	Outside	3440.00	
Bull Plug	3.00			3443.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

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

20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17235 **DST#: 2**
 Test Start: 2011.11.17 @ 07:10:00

Mud and Cushion Information

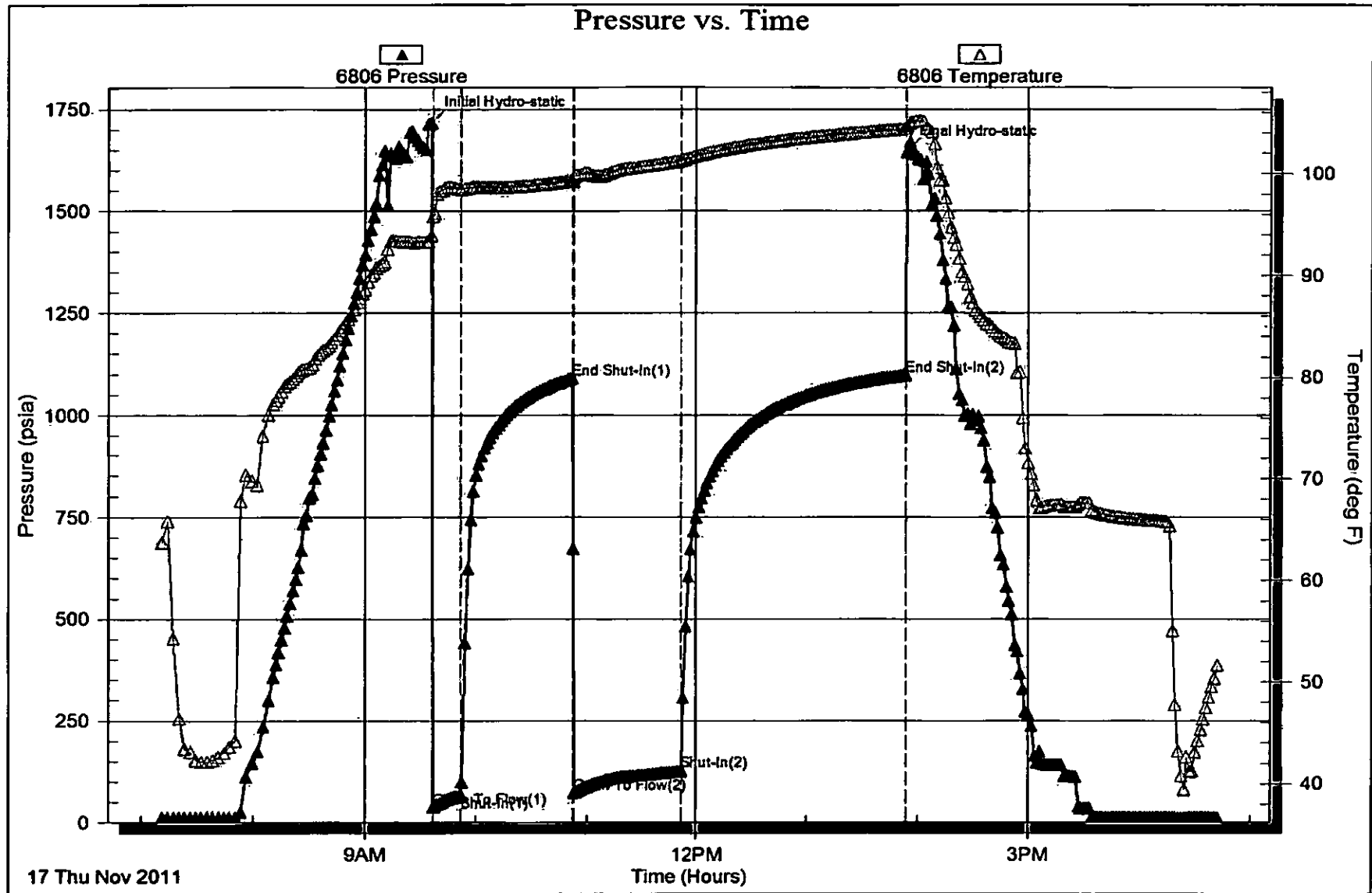
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9200.00 ppm			
Filter Cake: 1.00 inches			

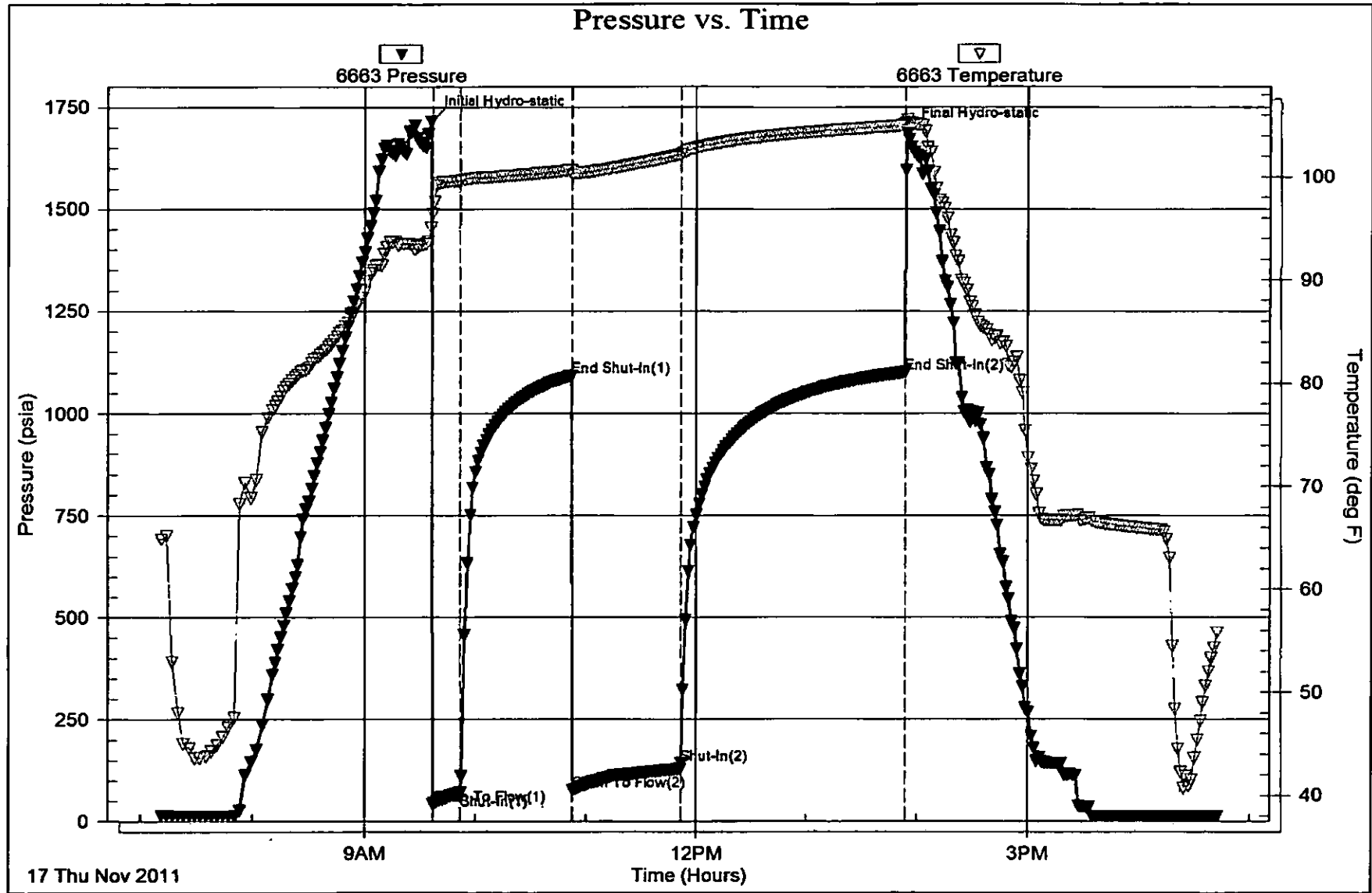
Recovery Information

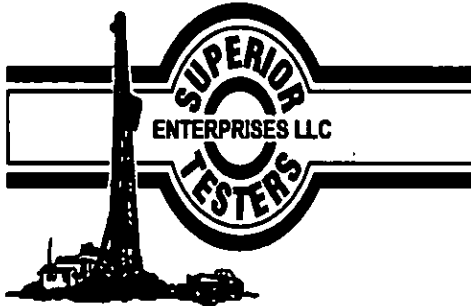
Recovery Table

Length ft	Description	Volume bbl
120.00	Clean oil 100%	0.590
60.00	Oil cut mud 50%oil 50%mud	0.295
60.00	Mud cut oil 70%mud 30%oil	0.295
0.00	Gravity of oil 38 corrected	0.000

Total Length: 240.00 ft Total Volume: 1.180 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

S-H unit #1-20

20-17s-13w-Barton

Start Date: 2011.11.18 @ 01:34:00

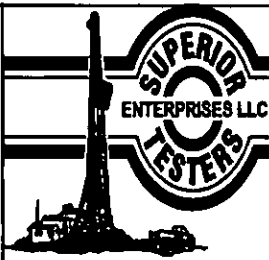
End Date: 2011.11.18 @ 10:11:30

Job Ticket #: 17236 DST #: 3

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

Printed: 2011.11.18 @ 22:55:35

Shelby Resources 20-17s-13w-Barton S-H unit #1-20 DST # 3 Arbuckle 2011.11.18



DRILL STEM TEST REPORT

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

20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17236 DST#: 3
 Test Start: 2011.11.18 @ 01:34:00

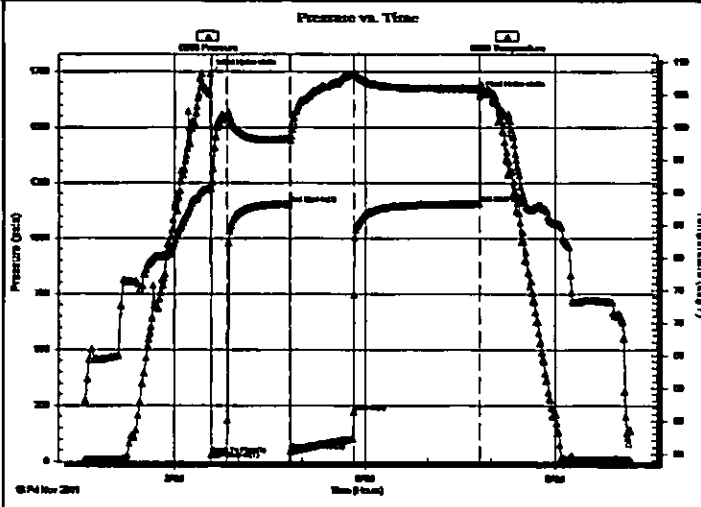
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:34:30
 Time Test Ended: 10:11:30
 Interval: **3445.00 ft (KB) To 3453.00 ft (KB) (TVD)**
 Total Depth: **3453.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-30
 Reference Elevations: 1940.00 ft (KB)
 1929.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6806

Press@RunDepth: 220.56 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.11.18 End Date: 2011.11.18 Last Calib.: 2011.11.18
 Start Time: 01:34:00 End Time: 10:11:30 Time On Btm: 2011.11.18 @ 03:33:30
 Time Off Btm: 2011.11.18 @ 07:49:00

TEST COMMENT: 1st Open 15 minutes Fair building blow built to 1.5 inches in a bucket
 1st shut in 60 minutes No blow back
 2nd Open 60 minutes Fair building blow built to 2.5 inches in a bucket
 2nd shut in 120 minutes No blow back



PRESSURE SUMMARY

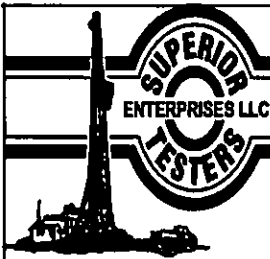
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1741.67	90.53	Initial Hydro-static
1	28.11	90.55	Open To Flow (1)
16	47.45	101.82	Shut-in(1)
75	1155.49	98.30	End Shut-in(1)
76	47.19	97.97	Open To Flow (2)
136	220.56	108.31	Shut-in(2)
255	1157.25	105.98	End Shut-in(2)
256	1643.92	106.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Very Slight oil cut w ater 90%w ater 5%oi.0.61	
0.00	Chlorides 17,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

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

20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17236 DST#: 3
 Test Start: 2011.11.18 @ 01:34:00

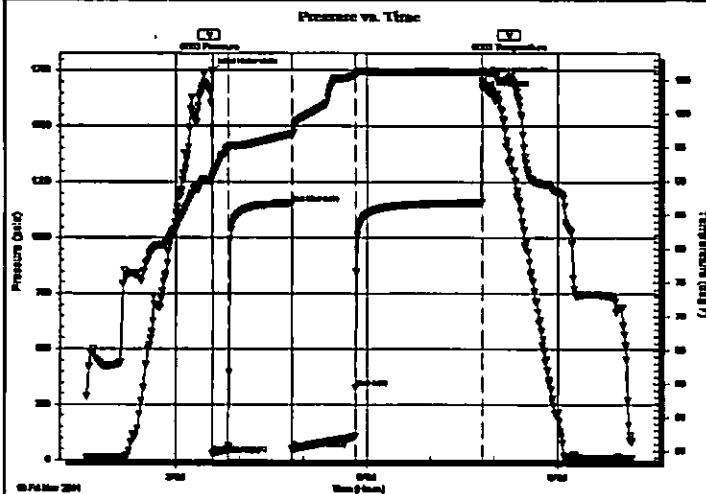
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:34:30
 Time Test Ended: 10:11:30
 Interval: **3445.00 ft (KB) To 3453.00 ft (KB) (TVD)**
 Total Depth: **3453.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-30
 Reference Elevations: 1940.00 ft (KB)
 1929.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6663

Press@RunDepth: 1673.28 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.11.18 End Date: 2011.11.18 Last Calib.: 2011.11.18
 Start Time: 01:34:00 End Time: 10:11:00 Time On Btm: 2011.11.18 @ 03:33:30
 Time Off Btm: 2011.11.18 @ 07:49:30

TEST COMMENT: 1st Open 15 minutes Fair building blow built to 1.5 inches in a bucket
 1st shut in 60 minutes No blow back
 2nd Open 60 minutes Fair building blow built to 2.5 inches in a bucket
 2nd shut in 120 minutes No blow back



PRESSURE SUMMARY

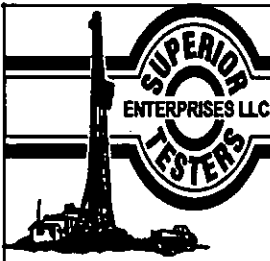
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1744.84	90.59	Initial Hydro-static
1	29.83	90.95	Open To Flow (1)
16	61.50	94.91	Shut-in(1)
75	1156.66	96.99	End Shut-in(1)
76	49.50	96.68	Open To Flow (2)
136	328.28	105.80	Shut-in(2)
256	1673.28	106.31	End Shut-in(2)
256	1702.80	106.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Very Slight oil cut w ater 90%w ater 5%oi0.61	
0.00	Chlorides 17,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

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

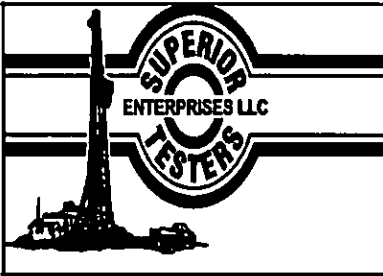
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17236 **DST#: 3**
 Test Start: 2011.11.18 @ 01:34:00

Tool Information

Drill Pipe:	Length: 3179.00 ft	Diameter: 3.80 inches	Volume: 44.59 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: 258.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose: 51000.00 lb
		Total Volume: 45.86 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3445.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	36.00 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			3422.00	
Hydraulic Tool	5.00			3427.00	
Jars	6.00			3433.00	
Safety Joint	2.00			3435.00	
Packer	5.00			3440.00	28.00 Bottom Of Top Packer
Packer	5.00			3445.00	
Perforations	3.00			3448.00	
Recorder	1.00	6806	Inside	3449.00	
Recorder	1.00	6663	Outside	3450.00	
Bull Plug	3.00			3453.00	8.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

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

20-17s-13w-Barton
 S-H unit #1-20
 Job Ticket: 17236 DST#: 3
 Test Start: 2011.11.18 @ 01:34:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil Apt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.40 ohm.m	Gas Cushion Pressure: psia		
Salinity: 7200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Very Slight oil cut water 90%w ater 5%oil	0.615
0.00	Chlorides 17,000	0.000

Total Length: 125.00 ft Total Volume: 0.615 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

