



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1082250

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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.

Federal Tax I.D.# 20-2886107

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 Hoishton, Ks - 2 1/2 N on Susank Rd								
Contractor	Sterling Rig#1							Owner	WK							
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	State							
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	42.46'			Shoe Joint	42.46'			Cement Amount Ordered 350 sy Common 3% CC								
Meas Line				Displace	58 BLS											

EQUIPMENT

Pumptrk	1	No.	Cementor	Cisco		2% Gel	
			Helper			Common	350
Bulktrk	14	No.	Driver	Mike		Poz. Mix	
			Driver			Gel.	7
Bulktrk	2 p.u.	No.	Driver	Rick		Calcium	13
			Driver			Hulls	

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate	
Rat Hole		
Mouse Hole		
Centralizers		
Baskets		
D/V or Port Collar		
	Sand	
	Handling 370	
	Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	1- Baffle plate
	1- Rubber plug
Pumptrk Charge	Low Surface
Mileage	16

X Signature <i>Mike Ruiz</i>	Tax	
	Discount	
	Total Charge	

Customer Shelby Resources LLC	Lease No.	Date 11-20-11			
Lease SH Unit	Well # #1				
Field Order # 05271A	Station Pratt KS	Casing 5/2"	Depth 3515.71'	County Barton	State Kans.
Type Job 5/2" Long String	Formation cnw	TD 3524'	Legal Description 20-17-13		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5/2"	Tubing Size	Shots/Ft		Acid 50 SKs 60/40 Poz @ 12 #	RATE	PRESS	ISIP	
Depth 3515.71'	Depth	From	To	Pre Pad 100 SKs AA2 @ 15.3 #	Max		5 Min.	
Volume 83 Bbls	Volume	From	To	Pad RH hole 30 SKs 60/40 Poz	Min		10 Min.	
Max Press 1500 #	Max Press	From	To	Frac MH hole 20 SKs 60/40 Poz	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3475.71'	Packer Depth	From	To	Flush Disp H2O	Gas Volume		Total Load	

Customer Representative Chris Gottschalk	Station Manager Scotty	Treater Allen
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Service Units	28443	19989	19842	19832	21010	37586				
Driver Names	Allen	Mike	Lawrence	Jeff	McCusky	Keever				

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

Customer <i>SHARBY RES</i>	Lease No.	Date <i>12-1-11</i>			
Lease <i>SH UNIT</i>	Well # <i>1</i>				
Field Order # <i>5492</i>	Station <i>FRM Ks</i>	Casing <i>5 1/2</i>	Depth	County <i>BITTUM</i>	State <i>Ks</i>
Type Job <i>CNW-SOMEERE</i>	Formation <i>APB</i>	Legal Description <i>20-17-13</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size <i>3 1/2</i>	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From <i>3434</i>	To <i>3438</i>	Pre Pad	Max		5 Min.	
Volume <i>3.6</i>	Volume <i>12.7</i>	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth <i>3200</i>	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>CHUBB</i>	Station Manager <i>SCOTT</i>	Treater <i>GORDON</i>
Service Units <i>1997</i>	<i>27463</i>	<i>19826-19860-19960-19862</i>
Driver Names <i>Ks</i>	<i>BRAD</i>	<i>MC CARTER</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1430</i>					<i>ON LOCATION</i>
<i>1515</i>	<i>400</i>		<i>3</i>	<i>1</i>	<i>PSE ANN.</i>
		<i>1500</i>	<i>4</i>	<i>3/4</i>	<i>DWT RATE TBC - 3/4 RPM 1500"</i>
		<i>1500</i>	<i>4</i>	<i>3/4</i>	<i>PUMP 4 bbl OIL</i>
		<i>1500</i>	<i>12.8</i>	<i>3/4</i>	<i>PUMP 50SK DOC CEMENT</i>
		<i>1500</i>	<i>3</i>	<i>3/4</i>	<i>PUMP 3 bbl OIL</i>
		<i>1500</i>	<i>0</i>	<i>3/4</i>	<i>START 1/20 FLUSH</i>
		<i>1500</i>	<i>1</i>	<i>1/2</i>	<i>CEMENT 15 PERFS</i>
		<i>2500</i>	<i>5</i>	<i>1/2</i>	<i>2500# STOP</i>
		<i>1500-2500</i>			<i>STAGE END</i>
<i>1615</i>		<i>1900</i>	<i>6</i>		<i>WAIT 15 MINUTES 2054</i>
<i>1630</i>					<i>RISE - HOLD</i>
					<i>RISE PWR.</i>
<i>1630</i>	<i>500</i>		<i>15</i>	<i>1/2</i>	<i>REVERSE OUT</i>
					<i>PULL 6 ITS TBC</i>
<i>1700</i>	<i>500</i>		<i>20</i>	<i>2</i>	<i>REVERSE OUT</i>
					<i>PULL 16 ITS TBC</i>
		<i>500</i>			<i>PSE SOMEERE</i>
		<i>500</i>			<i>START ON TBC</i>
					<i>JOB COMPLETE - 6:00 PM</i>



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



DRILL STEM TEST REPORT

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

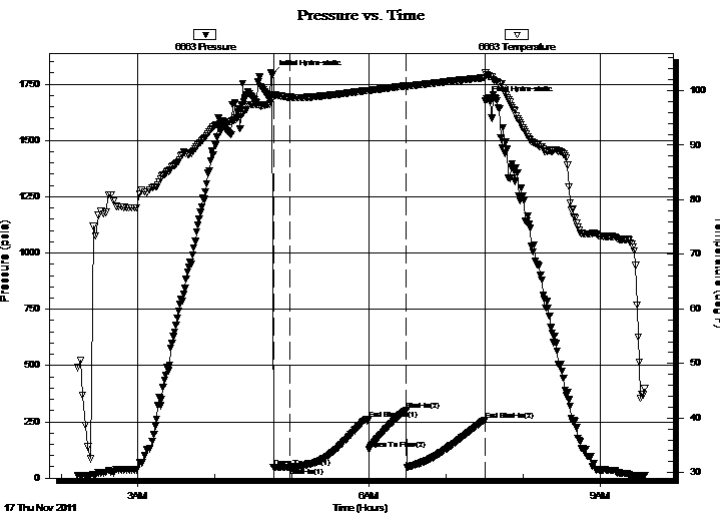
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17234 **DST#: 1**
 Test Start: 2011.11.17 @ 02:12:00

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

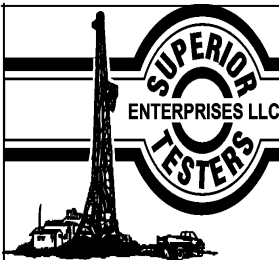
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1790.67	99.16	Initial Hydro-static
1	47.76	99.13	Open To Flow (1)
14	48.13	98.78	Shut-In(1)
75	260.80	100.05	End Shut-In(1)
76	129.29	100.02	Open To Flow (2)
105	302.49	100.90	Shut-In(2)
166	258.61	102.39	End Shut-In(2)
166	1677.62	103.34	Final Hydro-static

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

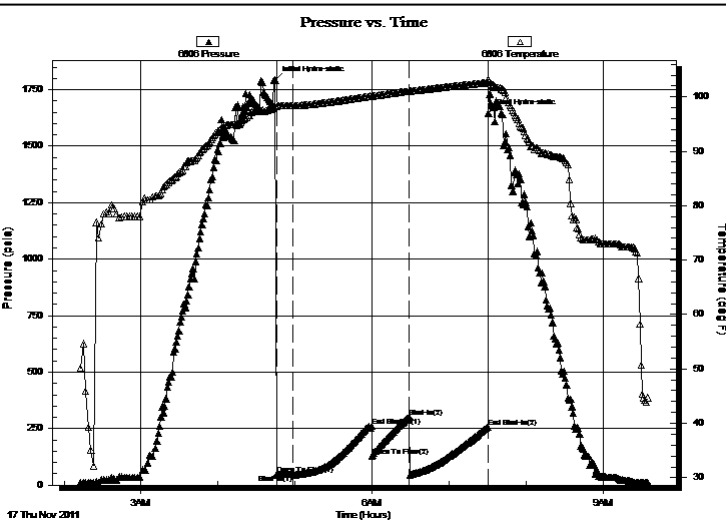
GENERAL INFORMATION:

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 #: 6806 Inside
 Press @ Run Depth: 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 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 (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

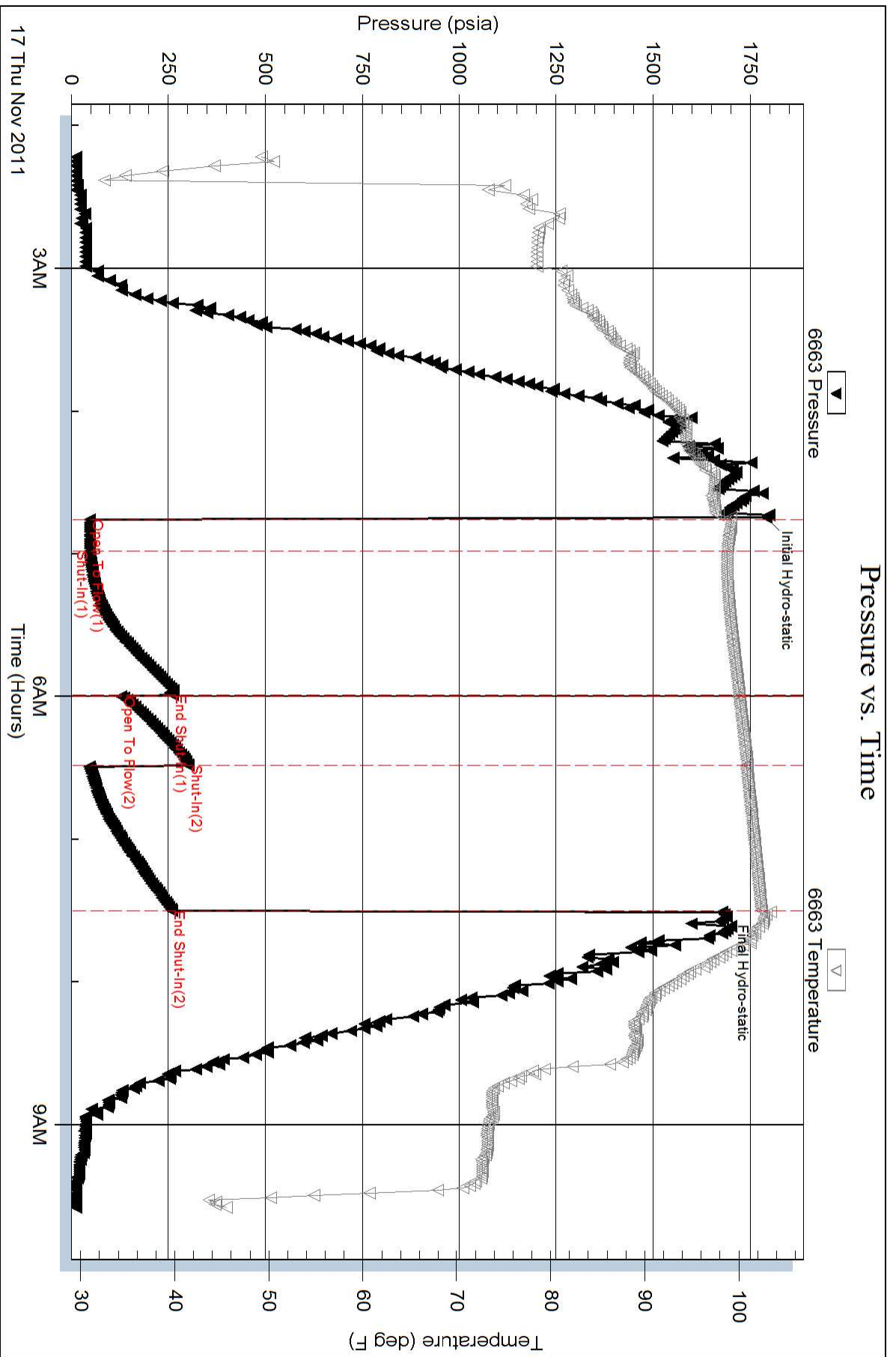
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

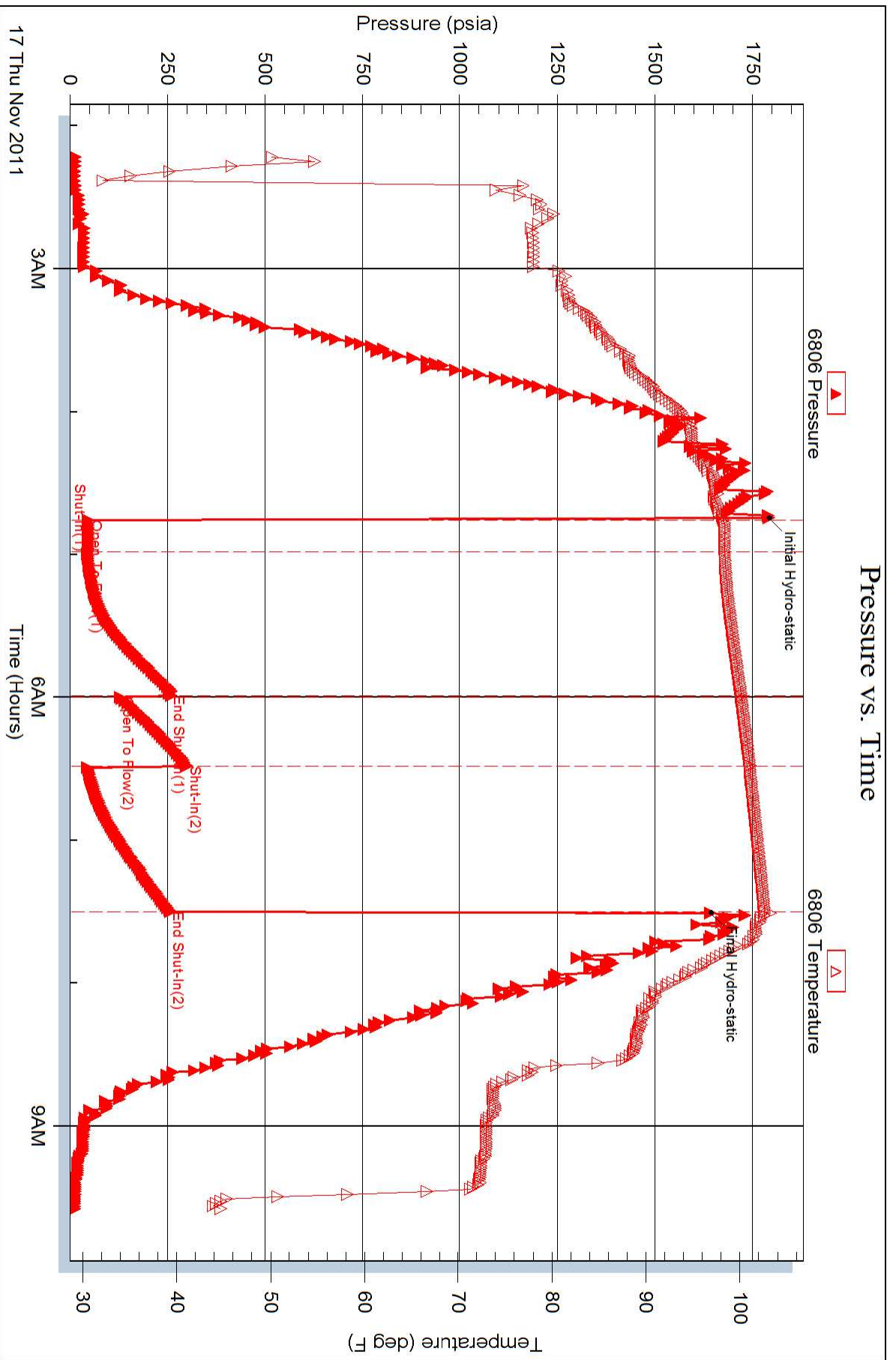
Recovery Information

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



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: 17235 **DST#: 2**
 Test Start: 2011.11.17 @ 07:10:00

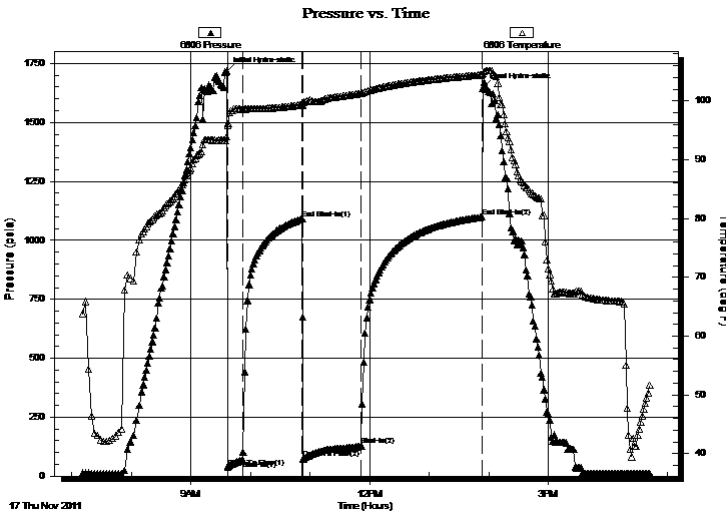
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:37:00 Tester: Dustin Ellis
 Time Test Ended: 16:42:30 Unit No: 3315-GB-30 miles
 Interval: **3433.00 ft (KB) To 3443.00 ft (KB) (TVD)** Reference Elevations: 1940.00 ft (KB)
 Total Depth: 3443.00 ft (KB) (TVD) 1929.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6806 Inside
 Press @ Run Depth: 128.86 psia @ 3439.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.11.17 End Date: 2011.11.17 Last Calib.: 2011.11.18
 Start Time: 07:10:00 End Time: 16:42:30 Time On Btm: 2011.11.17 @ 09:36:00
 Time Off Btm: 2011.11.17 @ 13:54:00

TEST COMMENT: 1st Open 15 minutes Fair building blow blew 4 inches into bucket of water
 1st Shut in 60 minutes No blow back
 2nd Open 60 minutes Fair building blow blew bottom of bucket in 53 minutes
 2nd Shut in 120 minutes No blow back

PRESSURE SUMMARY



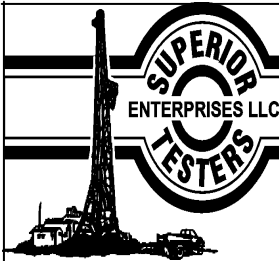
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1717.79	93.92	Initial Hydro-static
1	38.20	95.84	Open To Flow (1)
16	68.68	98.48	Shut-In(1)
76	1091.27	99.37	End Shut-In(1)
77	73.79	99.74	Open To Flow (2)
136	128.86	101.30	Shut-In(2)
258	1099.09	104.44	End Shut-In(2)
258	1646.39	104.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Clean oil 100%	0.59
60.00	Oil cut mud 50%oil 50%mud	0.30
60.00	Mud cut oil 70%mud 30%oil	0.30
0.00	Gravity of oil 38 corrected	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

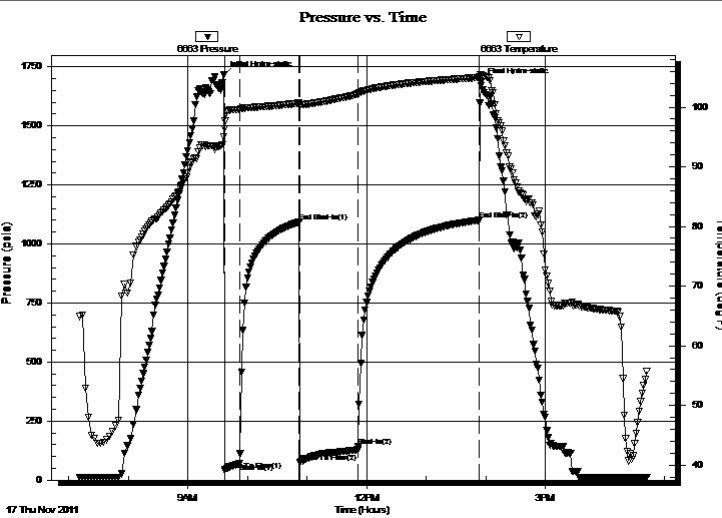
20-17s-13w-Barton
S-H unit #1-20
 Job Ticket: 17235 **DST#: 2**
 Test Start: 2011.11.17 @ 07:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:37:00
 Time Test Ended: 16:42:30
Interval: 3433.00 ft (KB) To 3443.00 ft (KB) (TVD)
 Total Depth: 3443.00 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 miles
 Reference Elevations: 1940.00 ft (KB)
 1929.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6663 Outside
 Press @ Run Depth: 1100.43 psia @ 3440.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.11.17 End Date: 2011.11.17 Last Calib.: 2011.11.18
 Start Time: 07:10:00 End Time: 16:42:30 Time On Btm: 2011.11.17 @ 09:36:00
 Time Off Btm: 2011.11.17 @ 13:55:00

TEST COMMENT: 1st Open 15 minutes Fair building blow blew 4 inches into bucket of water
 1st Shut in 60 minutes No blow back
 2nd Open 60 minutes Fair building blow blew bottom of bucket in 53 minutes
 2nd Shut in 120 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1714.46	95.04	Initial Hydro-static
1	41.94	96.41	Open To Flow (1)
16	70.47	99.58	Shut-In(1)
76	1092.57	100.66	End Shut-In(1)
77	76.98	100.18	Open To Flow (2)
136	142.03	102.21	Shut-In(2)
258	1100.43	104.97	End Shut-In(2)
259	1684.63	105.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Clean oil 100%	0.59
60.00	Oil cut mud 50%oil 50%mud	0.30
60.00	Mud cut oil 70%mud 30%oil	0.30
0.00	Gravity of oil 38 corrected	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: 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	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

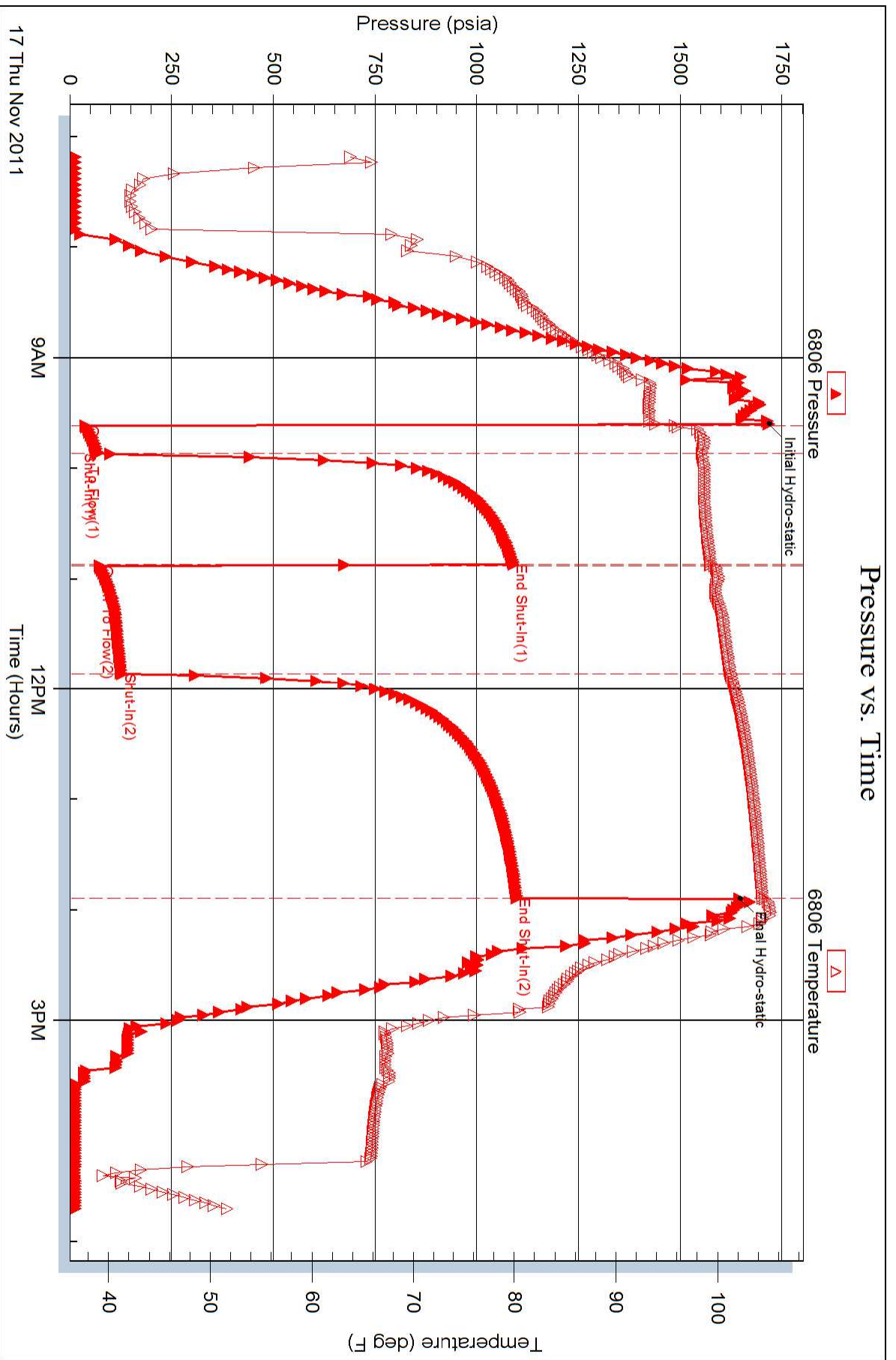
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9200.00 ppm			
Filter Cake: 1.00 inches			

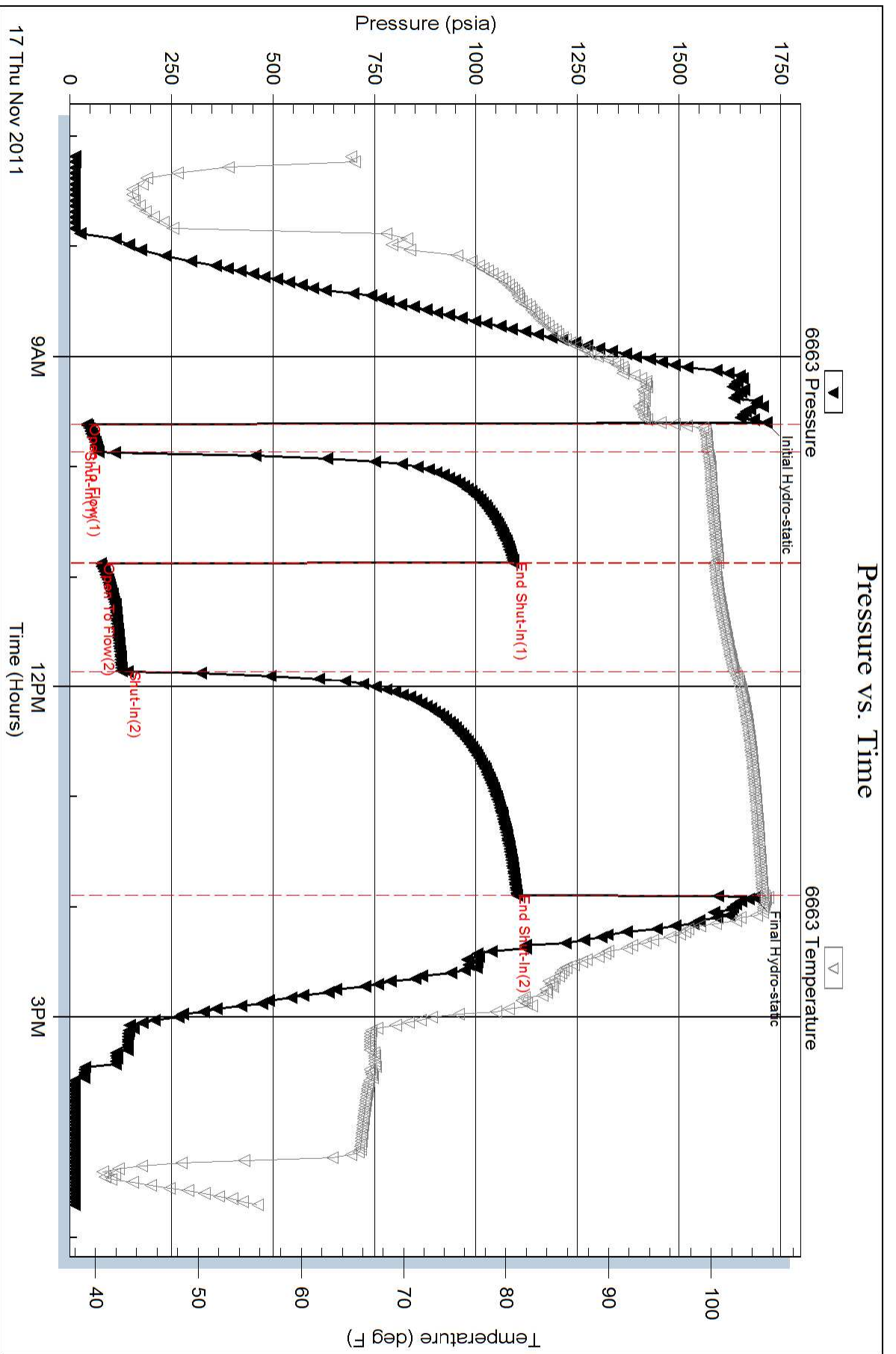
Recovery Information

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

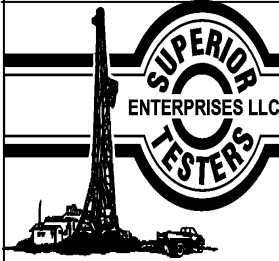
Start Date: 2011.11.18 @ 01:34:00

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



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

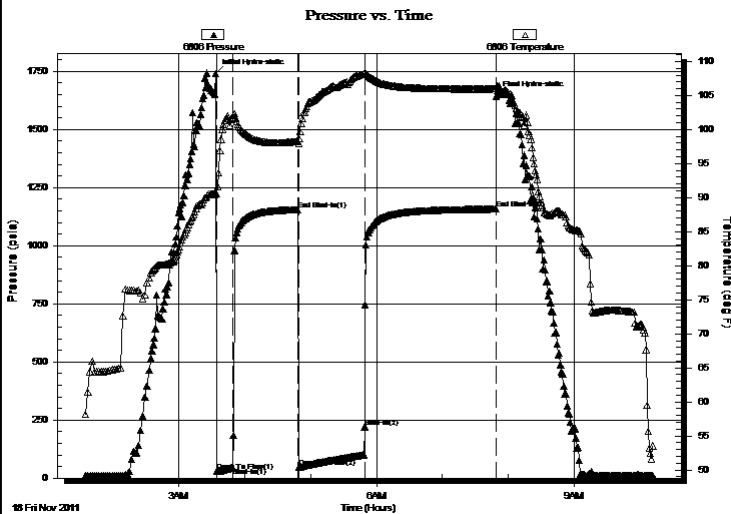
GENERAL INFORMATION:

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

Serial #: 6806

Press @ Run Depth: 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

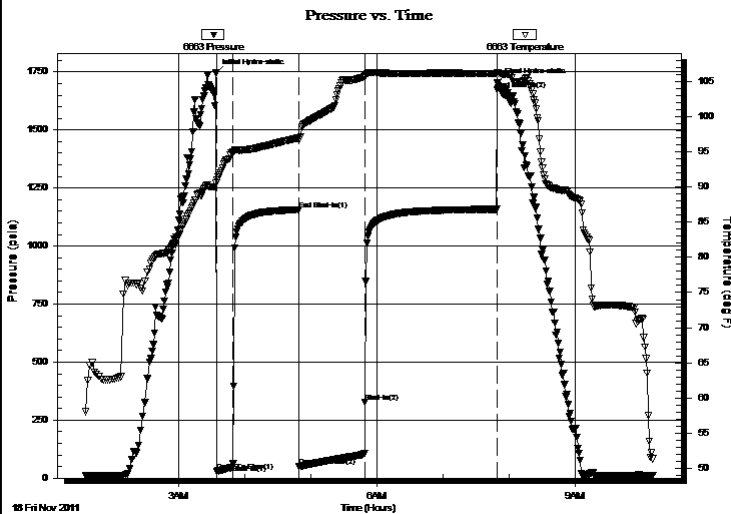
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:34:30 Tester: Dustin Ellis
 Time Test Ended: 10:11:30 Unit No: 3315-GB-30
 Interval: **3445.00 ft (KB) To 3453.00 ft (KB) (TVD)** Reference Elevations: 1940.00 ft (KB)
 Total Depth: 3453.00 ft (KB) (TVD) 1929.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair 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%oi	0.61
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
			<u>Total Volume: 45.86 bbl</u>	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

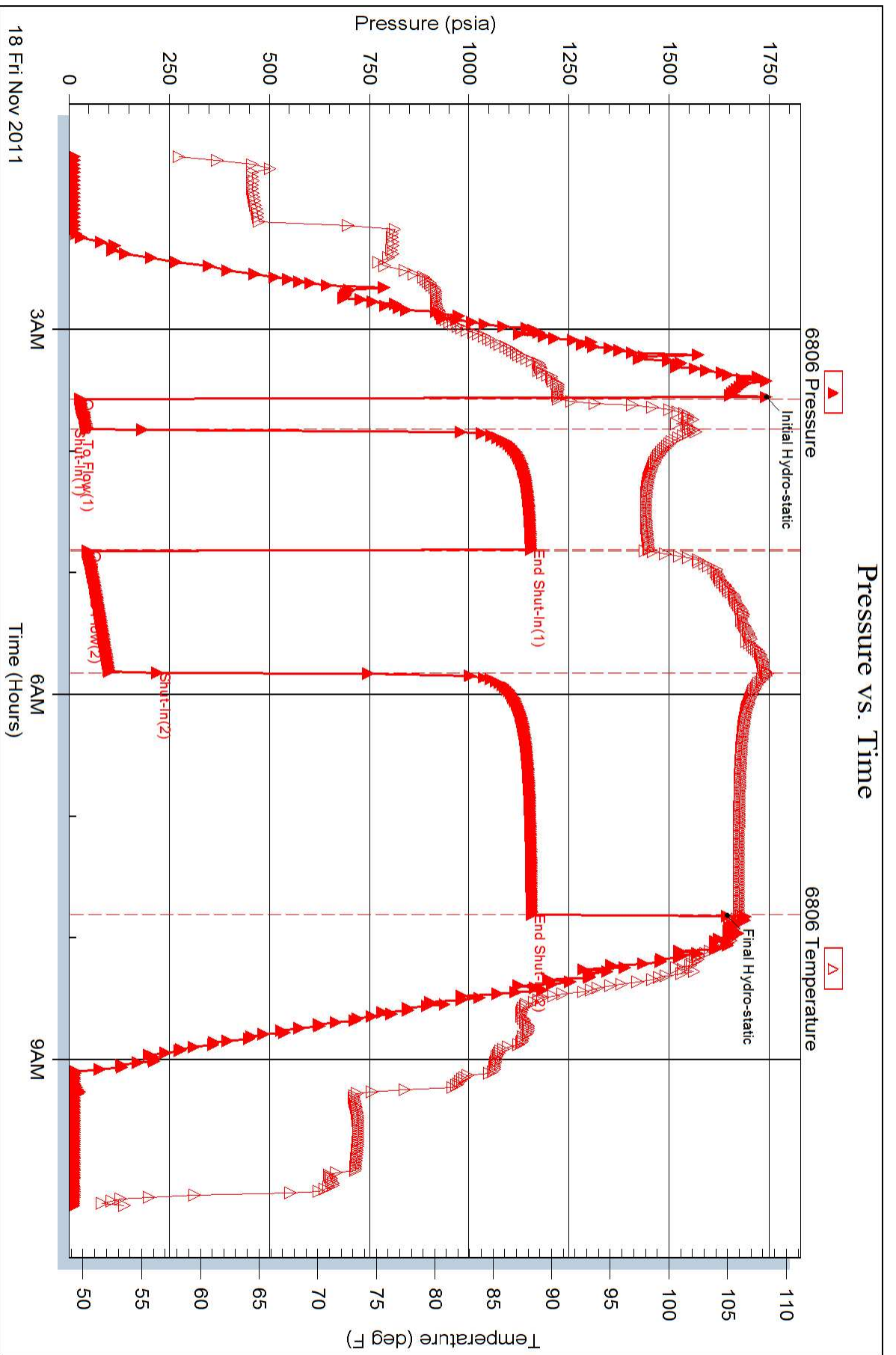
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.40 ohm.m	Gas Cushion Pressure: psia		
Salinity: 7200.00 ppm			
Filter Cake: 1.00 inches			

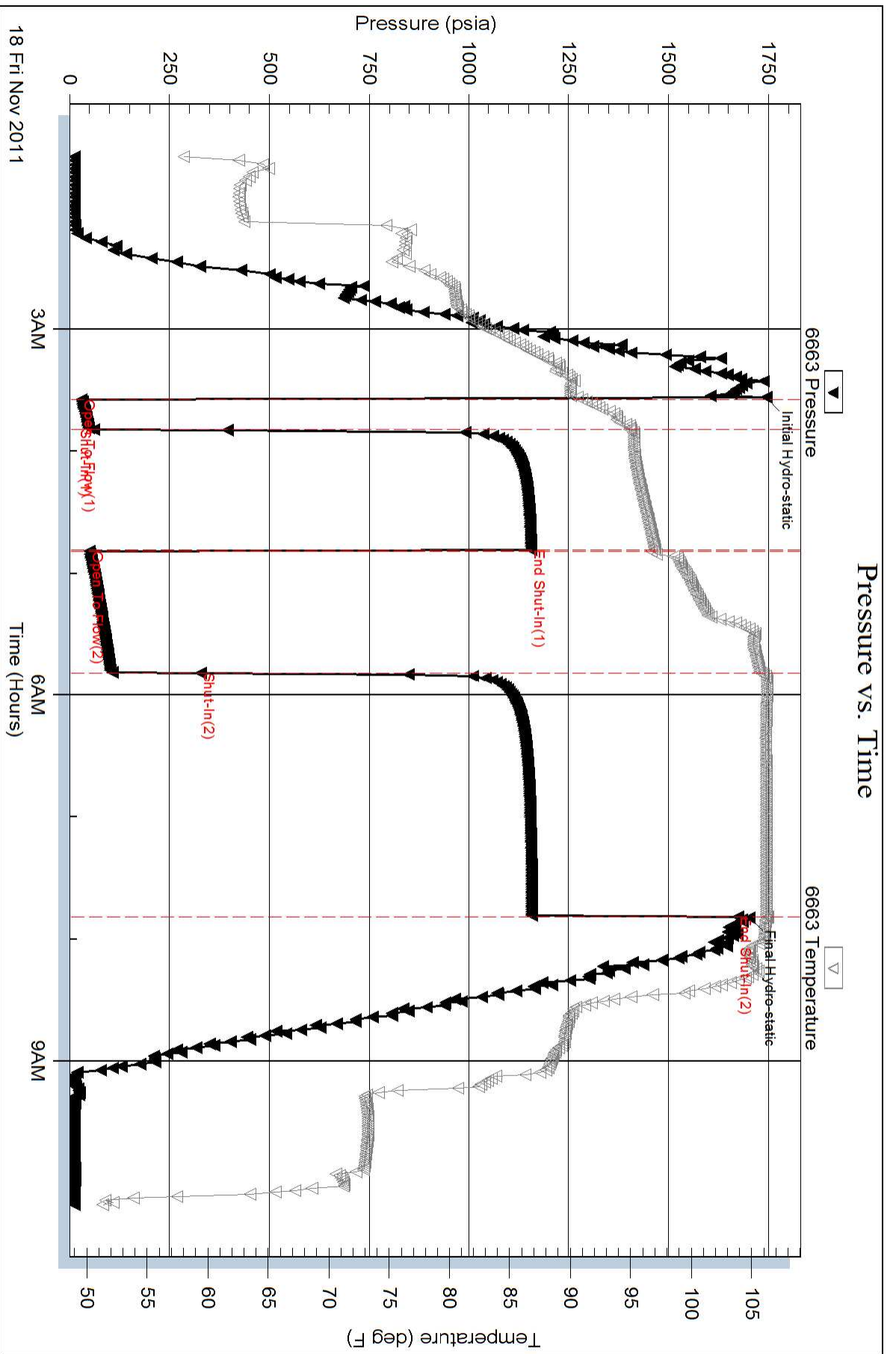
Recovery Information

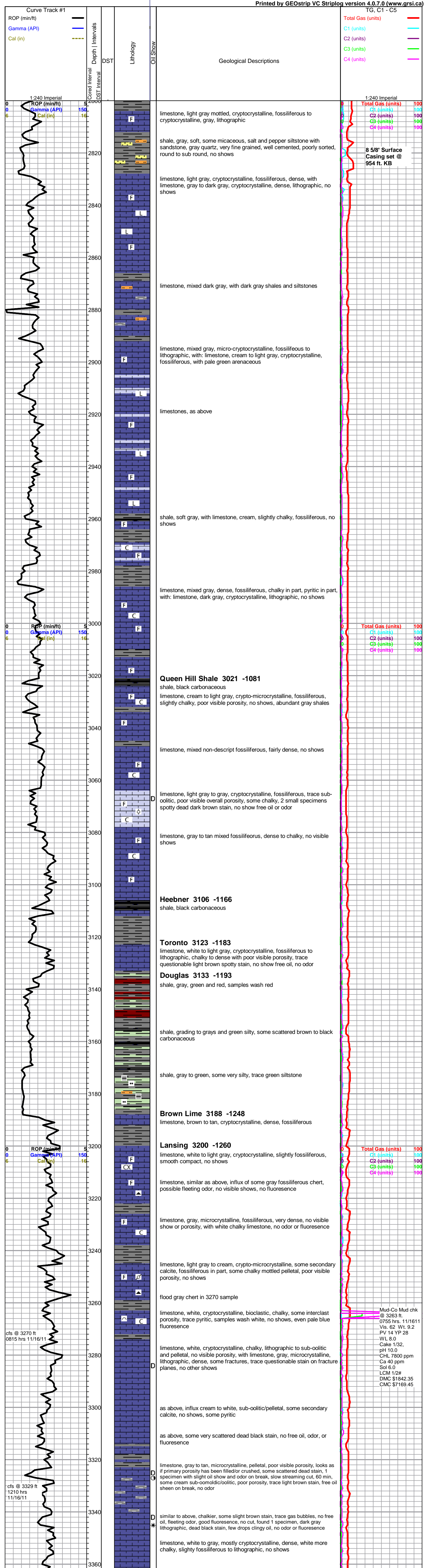
Recovery Table

Length ft	Description	Volume bbl
125.00	Very Slight oil cut w ater 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:







as above

Stark Shale 3384 -1444

gray and green shale, dense, blocky

limestone, gray, cryptocrystalline, dense, fossiliferous to lithographic, with white to light gray and pale green, micro-cryptocrystalline, some questionable edge stain with light fluorescence, some secondary calcite, no show oil, no odor

Base KC 3406 -1466

soft red and gray shales, samples wash red, with chert, mixed red, yellow, gray, some quartz shards and pyrite nodules

mostly ls in 60 min

Arbuckle 3422 -1482

3428 30 min - dolomite, white to light gray, microcrystalline, some cryptocrystalline nodules in micro-matrix, some glauconitic, poor visible interxn porosity, some micro-fractures, wormy black asphaltic stain, trace tarry oil droplets, no odor, good green fluorescence, very faint cut, 60 min a.a. with some microcrystalline rhombic and lithographic, some with light brown stain, faint odor, oil sheen, few droplets in tray, good fluorescence, weak cut, abundant caliche

3428-33, as above, decrease show, no odor, few pieces tan cryptocrystalline with small solution vugs and fair brown stain

3434-3438, dolomite white to cream and light gray, cryptocrystalline, lithographic to sub-lithographic, trace black stain, some scattered microcrystalline, rhombic, mostly barren, caliche filled, some scattered light brown to black stain, light fluorescence, slight cut with halo, no odor, some boney white chert - 60 min flood of shale, dol. as above, two specimens rhombic, trace sheen and oil droplets, odor only on break

3439-3443 dolomite, light gray, micro-fine crystalline, rhombic, some fair intercrystalline and solution vug porosity, some caliche fill, fair dark brown to black staining, trace gas, free oil sheen in tray, fair show free oil on break, bright green fluorescence, instant good cut, fleeting odor

3445-3453 crystalline dolomite as above, marked decrease in staining, only trace oil, still some scattered porosity, some caliche fill, with: mostly smooth compact lithographic dolomite, barren of stain, and tan to white chert, abundant caliche in samples, no odor in wet cup

3454-3468, dolomite, gray to tan, microcrystalline, sub-rhombic to sub-lithographic, some scattered small vugs, mostly barren, very spotty light stain, trace free oil, no odor, flood boney white chert, abundant caliche, fairly even bright yellow fluorescence

3472-3500 dolomite, light gray to cream and tan, mixed micro-fine crystalline, rhombic to sub-rhombic, some fair intercrystalline porosity, barren, some scattered boney white and tan oolitic cherts

3504-TD dolomite, mixed gray to tan and white, micro-fine crystalline, rhombic, some cryptocrystalline, scattered fair intercrystalline porosity, with: dolomite, tan to brown, microcrystalline, oolitic, poor porosity, no shows, with abundant boney white chert, some caliche

Rotary TD 3527' @ 0430 hrs 11/19/11
Superior Wireline TD
Complete Logging Operations

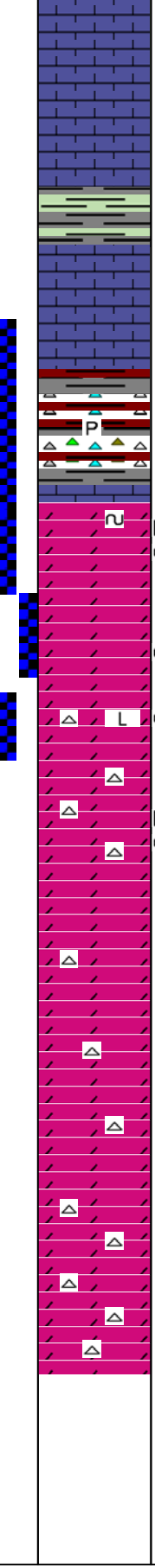
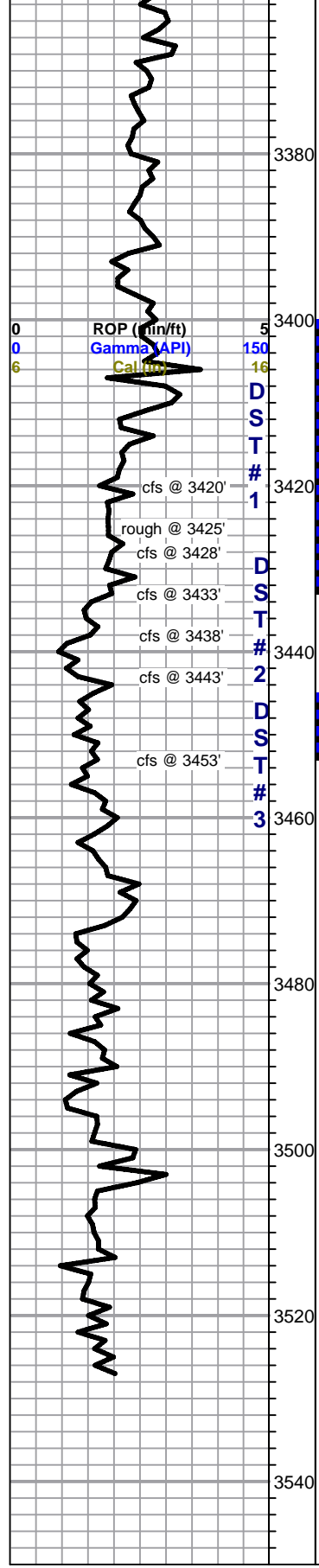
stop @ 3405',
run 15 stand
short trip

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

pipe strap 0.55 ft
short to board

Mud-Co Mud chk
@ 3433 ft.
0710 hrs. 11/1711
Vis. 62 Wt. 9.4
PV 12 YP 35
WL 9.6
Cake 1/32,
pH 10.0
CHL 9200 ppm
Ca 40 ppm
Sol 7.6
LCM 1/2#
DMC \$94.75
CMC \$7264.20

Mud-Co Mud chk
@ 3443 ft.
0720 hrs. 11/1811
Vis. 48 Wt. 9.2
PV 12 YP 20
WL 7.2
Cake 1/32,
pH 11.5
CHL 7200 ppm
Ca 20 ppm
Sol 6.3
LCM 1/2#
DMC \$948.00
CMC \$8212.20



as above

Stark Shale 3384 -1444
gray and green shale, dense, blocky

limestone, gray, cryptocrystalline, dense, fossiliferous to lithographic, with white to light gray and pale green, micro-cryptocrystalline, some questionable edge stain with light fluorescence, some secondary calcite, no show oil, no odor

Base KC 3406 -1466
soft red and gray shales, samples wash red, with chert, mixed red, yellow, gray, some quartz shards and pyrite nodules

mostly ls in 60 min

Arbuckle 3422 -1482

3428 30 min - dolomite, white to light gray, microcrystalline, some cryptocrystalline nodules in micro-matrix, some glauconitic, poor visible interxn porosity, some micro-fractures, wormy black asphaltic stain, trace tarry oil droplets, no odor, good green fluorescence, very faint cut, 60 min a.a. with some microcrystalline rhombic and lithographic, some with light brown stain, faint odor, oil sheen, few droplets in tray, good fluorescence, weak cut, abundant caliche

3428-33, as above, decrease show, no odor, few pieces tan cryptocrystalline with small solution vugs and fair brown stain

3434-3438, dolomite white to cream and light gray, cryptocrystalline, lithographic to sub-lithographic, trace black stain, some scattered microcrystalline, rhombic, mostly barren, caliche filled, some scattered light brown to black stain, light fluorescence, slight cut with halo, no odor, some boney white chert - 60 min flood of shale, dol. as above, two specimens rhombic, trace sheen and oil droplets, odor only on break

3439-3443 dolomite, light gray, micro-fine crystalline, rhombic, some fair intercrystalline and solution vug porosity, some caliche fill, fair dark brown to black staining, trace gas, free oil sheen in tray, fair show free oil on break, bright green fluorescence, instant good cut, fleeting odor

3445-3453 crystalline dolomite as above, marked decrease in staining, only trace oil, still some scattered porosity, some caliche fill, with: mostly smooth compact lithographic dolomite, barren of stain, and tan to white chert, abundant caliche in samples, no odor in wet cup

3454-3468, dolomite, gray to tan, microcrystalline, sub-rhombic to sub-lithographic, some scattered small vugs, mostly barren, very spotty light stain, trace free oil, no odor, flood boney white chert, abundant caliche, fairly even bright yellow fluorescence

3472-3500 dolomite, light gray to cream and tan, mixed micro-fine crystalline, rhombic to sub-rhombic, some fair intercrystalline porosity, barren, some scattered boney white and tan oolitic cherts

3504-TD dolomite, mixed gray to tan and white, micro-fine crystalline, rhombic, some cryptocrystalline, scattered fair intercrystalline porosity, with: dolomite, tan to brown, microcrystalline, oolitic, poor porosity, no shows, with abundant boney white chert, some caliche

Rotary TD 3527' @ 0430 hrs 11/19/11
Superior Wireline TD
Complete Logging Operations

