1064841

KANSAS CORPORATION COMMISSION
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 # 34318
Name: BEREXCO LLC
Address 1: 2020 N. BRAMBLEWOOD
Address 2:
City: WICHITA State: KS Zip: 67206 + 1094
Contact Person: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34318
Name: BEREXCO LLC
Wellsite Geologist: Kent Crisler & Ganganath Koralegedara
Purchaser: N/A

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [x] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [x] Other *(Core, Expl., etc.)*: Stratigraphic Test Well

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 #:

02/20/2011	03/04/2011	08/24/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-191-22590-00-00
Spot Description:
NE - SW - SE - SW Sec. 28 Twp. 31 S. R. 1 [ ] East [x] West
560 Feet from [ ] North / [x] South Line of Section
1700 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW

County: Sumner
Lease Name: Wellington KGS Well #: 1-28
Field Name: Wellington
Producing Formation: N/A
Elevation: Ground: 1257 Kelly Bushing: 1270
Total Depth: 5250 Plug Back Total Depth: 5152
Amount of Surface Pipe Set and Cemented at: 647 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 5500 ppm Fluid volume: 800 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Berexco LLC
Lease Name: Wellington Unit License #: 34318
Quarter SE Sec. 3 Twp. 31 S. R. 1 [ ] East [x] West
County: Sumner Permit #: E-03396

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:**
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] **I** [ ] **II** [ ] **III** **Approved by:** Deanna Garrisor **Date:** 10/18/2011

Side Two

1064841

Operator Name: BEREXCO LLC Lease Name: Wellington KGS Well #: 1-28

Sec. 28 Twp. 31 S. R. 1 ☐ East ☑ West County: Sumner

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:
Attached

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

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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 *(Amount and Kind of Material Used)*	Depth
4	5000 - 5020 (Arbuckle)		5000 - 5020

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)* T A'd well

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

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

PRODUCTION INTERVAL:

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

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Wellington KGS 1-28
Doc ID	1064841

All Electric Logs Run

Spectral Density Dual Spaced Neutron Log
Array Compensated True Resisitivity Log
Borehole Temperature Log
Compensated Spectral Natural Gamma Log
Microlog

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Wellington KGS 1-28
Doc ID	1064841

Tops

Name	Top	Datum
Brown Lime	2663	-1393
Stalnaker Sand	2705	-1435
Kansas City	3021	-1751
Stark Shale	3156	-1886
Hushpuckney Shale	3190	-1920
Base Kansas City	3259	-1989
Marmaton	3351	-2081
Cherokee	3490	-2220
Reworked Mississippi	3848	-2378
Misssissippian	3661	-2391
Kinderhook Shale	4042	-2772
Chattanooga	4052	-2782
Simpson Sand	4082	-2812
Arbuckle	4171	-2901
Granite Solid	5168	-3898
RTD	5250	

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Wellington KGS 1-28
Doc ID	1064841

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
Conductor	17.50	13.375	48	125	Common	135	3%cc, 1/4# flake
Surface	12.25	8.625	24	647	60/40 POZ	325	3%cc, 1/4# flake
Production	7.875	5.50	15.50	5241	AA-2	250	10%salt,6 #gils,C-44
1st DV Tool	7.875	5.50	15.50	3811	A-Con & AA-2	260	10%salt,6 #gils,C-44
2nd DV Tool	7.876	5.50	15.50	2502	A-Con	610	10%salt,6 #gils,C-44

BASiC energy services, L.P.

TREATMENT REPORT

Customer	Lease No.	Date
BEREXCO		02-19-11
Lease	**Well #**	
Wellington Unit 1-28	1-28	

Field Order #	Station	Casing	Depth	County	State
3572		13 3/8	726'	Sumner	KS

Type Job	Formation	Legal Description
CNW 13 3/8. Conductor		28-31-1

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 726'	Depth	From	To	Pre Pad	Max		5 Min.
Volume 18	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection Swage	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 714	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
	DAVE Scott	Robert Sullivan

Service Units	19867	27463	19822	19862							
Driver Names	Sullivan	Wisen	Phyle								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1530					ON Loc Safty meeting
					Run 3 Jts 13 3/8 csg
1640					casing on Bottom
1645					Hook Up To circ
1655			30	4	St mixing cmt 135 sk cond
			18	4	St Disp
1715	200				plug down
					circ 10 BBL cmt To Pit
					Job Complete
					Thank you

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BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 03572 A

DATE TICKET NO.

DATE OF JOB 02-19-11 DISTRICT PRATT KS	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER BEREXCO	LEASE Wellington UNIT 1-28 WELL NO.
ADDRESS	COUNTY Sumner STATE KS
CITY STATE	SERVICE CREW Sullivan, Wiser, Phye
AUTHORIZED BY	JOB TYPE: CNW 13 3/8 CONDUCTOR

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
27463	15				
19832-19862	15				
19866					

	DATE	AM PM	TIME
TRUCK CALLED	2-19-11	AM PM	12:00
ARRIVED AT JOB		AM PM	1530
START OPERATION		AM PM	1700
FINISH OPERATION		AM PM	1715
RELEASED		AM PM	1745
MILES FROM STATION TO WELL	95		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 100	common cmt	sk	135		2,160 00
PC 102	Celflake	lb	34		125 80
CC 109	Calcium chloride	sk	391		400 05
E 100	Pickup mileage	mi	95		403 75
E 101	Heavy eqpt mileage	mi	190		1,330 00
E 113	Bulk delivery	TM	603		965 20
CE 200	Depth charge 0-500'	EA	1		1,000 00
CE 240	Blending & mixing	SK	135		189 00
S 003	Service Supervisor	EA	1		175 00
				SUB TOTAL	
				SERVICE & EQUIPMENT %TAX ON $	
				MATERIALS %TAX ON $	
				TOTAL	4,724 16

CHEMICAL / ACID DATA:			

KG

SERVICE REPRESENTATIVE [signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [signature] (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASiC energy services, L.P.

TREATMENT REPORT

Customer: BEREXCO		Lease No.		Date: 2-21-11	
Lease: Wellington Unit		Well #: 1-28			
Field Order #: 3513	Station: PRATT KS	Casing: 8 5/8	Depth: 650	County: Sumner	State: KS
Type Job: CNW 8 5/8 Surface		Formation		Legal Description: 28-31-1	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 651	Depth	From	To	Pre Pad	Max		5 Min.
Volume 39	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 609	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative		Station Manager: DAVE Scott	Treater: Robert Allen

Service Units	19866	27463	19959	21010							
Driver Names	Sullivan	Wisen	Veatch								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0100					on loc Safety meeting
					Run 15 jts 24# 8 5/8 csg.
0230					Casing on Bottom
0240					Hook Up To Circ.
0250			3	4	St Water
			60	5	mix 125 sk 60/40 poz cmt
			32		mix 150 common cmt
					Shut down cmt mixed
					Release Plug
0316				4.5	St Disp
0330	300		39		plug down
					Circ 8 BBL cmt to Pit
					JOB Complete
					Thank you

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PRESSURE PUMPING & WIRELINE

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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 03573 A

DATE TICKET NO.

DATE OF JOB 2-21-11 DISTRICT PRATT KS	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER BEREXCO	LEASE Wellington UNIT 1-28 WELL NO.
ADDRESS	COUNTY Sumner STATE KS
CITY STATE	SERVICE CREW Sullivan, Wiesa, Veatch
AUTHORIZED BY	JOB TYPE: CNW 8 5/8 Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
27463	40	m			
19959-21010	40	m			
19866					

	DATE	AM PM	TIME
TRUCK CALLED	2-20-11		2200
ARRIVED AT JOB	2-21-11	AM PM	0200
START OPERATION		AM PM	0250
FINISH OPERATION		AM PM	0330
RELEASED		AM PM	0415
MILES FROM STATION TO WELL			95

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 103	60/40 poz cmt	sk	175		2,100 00
CP 100	Common cmt	sk	150		2,400 00
CC 102	Cellflake	lb	82		203 40
CC 109	Calcium chloride	lb	876		919 80
CC 200	Cmt gel	lb	604		151 00
CF 153	Wooden cmt plug 8 5/8	EA	1		160 00
CF 753	Basic Plate	EA	1		170 00
CF 1753	Centralizer	EA	2		180 00
E 100	Pickup mileage	mi	95		403 75
E 101	Heavy equip mileage	mi	190		1,330 00
E 113	Bulk delivery	tm	1387		2,219 20
CE 201	Depth charge 501-1000'	EA	1		1,200 00
CE 240	Blending - mixing	sk	325		455 00
CE 504	Plug Container Rental	EA	1		250 00
S003	Schum Separator	EA	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		8,692.01

Thank you

SERVICE REPRESENTATIVE [signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [signature] (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

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BASiC energy services, L.P.

TREATMENT REPORT

Customer BEREXCO	Lease No.	Date 3-7-11	
Lease WELLINGTON UNIT KGS	Well # 1-28		
Field Order # 3513	Station PRATT, KS	Casing 5½ Depth 5241	County SUMNER State KS.
Type Job CNW - LONGSTRING	Formation TD-5250'	Legal Description 28-31-1	

PIPE DATA		PERFORATING DATA		FLUID USED LTD-5247'	TREATMENT RESUME		
Casing Size 5½	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 5241	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	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	From	To	Flush	Gas Volume		Total Load

Customer Representative JASON	Station Manager SCOTT	Treater LOWLEY	
Service Units 19907 19870	33708-20920	19805-19808	19832-19862
Driver Names KG KL	LUCAS	SHANN-LIBERR	CHRIS

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1830					ON LOCATION W/FE
2130					RUN 5244' 5½ 15.5# CSG 124 JTS.
					RUN FLOAT SHOE, LATCH DOWN
					BAFFLE IN 2ND COLLAR AT 5168'
					84' SHOE JOINT
					1ST STAGE DV ON TOP #34 AT 3811'
					2ND STAGE DV ON TOP #65 AT 2502'
					TURBOLIZERS ON 1-4-7-10-13-
					16-19-22-25-28-31-33-
					35-38-41-44-47-50-53-56-
					59-62-64-66-100-102
					BASKETS ON 8-18-34-41-65-101
					CIRC. ½ HOUR ON JT #50, JT #90
					TAG BOTTOM - PICKUP 3' -
					5½ SET AT 5241'
0215					CIRC 1½ HOURS ON BOTTOM

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BASiC energy services, L.P.

TREATMENT REPORT

Customer: BEREXCO	Lease No.	Date: 3-8-11	
Lease: WELLINGTON UNIT KGS	Well #: 1-28		
Field Order #: 3513	Station: PRATT, KS	Casing: 5½	Depth: 5241
County: SUMNER	State: KS		
Type Job: CNW-LONG STRING	Formation: TD-5250 LTD-5247	Legal Description: 28-31-1	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5½	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 5241	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	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	From	To	Flush	Gas Volume		Total Load

Customer Representative: JASON	Station Manager: SCOTT	Treater: CONDLEY

Service Units	19907										
Driver Names	KG										

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					1ST STAGE –
					CIRC. ON BOTTOM 1½ HOURS
0400	400		64	6	MIX 250 SK. AA2 CEMENT
					AT 15.0 PPG, 1.43 CFT/SK
					STOP – WASH PUMP & LINE
					DROP LATCH DOWN PLUG
	0		0	6	START DISP. WITH H_2O
	200		32	6	START MUD DISP.
	400		80	6	CAUGHT CEMENT LIFT PSI
	1200		115	3	SLOW RATE
0500	2500		122.8	3	PLUG DOWN – HELD
					DROP DV OPEN BLUE PLUG
					WAIT 20 MINUTES
0530	1000			1	OPEN DV TOOL
					CIRC. 2 HOURS
					IT DID CIRC. CEMENT.

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BASiC energy services, L.P.

TREATMENT REPORT

Customer: BEREXCO		Lease No.:		Date: 3-8-11	
Lease: WELLINGTON UNIT KS		Well #: 1-28			
Field Order #: 3513	Station: PRATT, KS	Casing: 5½	Depth: 5241	County: SUMNER	State: KS.
Type Job: CNW-LONGSTRING		Formation: TD-5250		Legal Description: 28-31-1	

PIPE DATA		PERFORATING DATA		FLUID USED LTD-5247	TREATMENT RESUME		
Casing Size 5½	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 5241	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	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	From	To	Flush	Gas Volume		Total Load

Customer Representative: JASON | Station Manager: SCOTT | Treater: GONDLEY

Service Units											
Driver Names											

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					2ND STAGE - DV AT 3811'
0745	300		32	6	MIX 90SK A-CON CEMENT 12.8#
	300		43	6	MIX 170SK AA2 CEMENT 15#
					STOP - WASH PUMP & LINE
					DROP BLUE DV CLOSE PLUG
	0		0	6	START DISP. WITH H_2O
	200		31	6	START MUD DISP.
	400		48	6	CAUGHT CEMENT LIFT PSI
	1000		80	3	SLOW RATE
0800	2500		90.8	3	PLUG DOWN - DV CLOSED
0815					DROP DV RED OPEN PLUG
					WAIT 15 MINUTES
0900	1050			1	OPEN DV TOOL
					CIRC. 2 HOURS
					IT DID CIRC. CEMENT

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BASiC energy services, L.P.

TREATMENT REPORT

Customer: BEREXCO		Lease No.		Date: 3-8-11	
Lease: WELLINGTON UNIT KS		Well #: 1-28			
Field Order #: 3513	Station: PRATT, KS.	Casing: 5½	Depth: 5241	County: SUMNER	State: KS.
Type Job: CNW - LONG STRING		Formation: TD - 5250		Legal Description: 28-31-1	

PIPE DATA		PERFORATING DATA		FLUID USED (TD - 5247)	TREATMENT RESUME		
Casing Size: 5½	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 5241	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	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	From	To	Flush	Gas Volume		Total Load

Customer Representative: JASON	Station Manager: SCOTTY	Treater: GONDLEY

Service Units											
Driver Names											

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					3rd STAGE - DV AT 2502'
1115	200		200	6	MIX 560 SK A-CON AT 12.8#
	200		13	6	MIX 50 SK A-CON AT 15#
					STOP - WASH PUMP & LINE
					DROP RED DV CLOSE PLUG
	0		0	6	START DISP WITH H2O
	400		15	6	CAUGHT CEMENT, LIFT PSI
	700		50	3	SLOW RATE
1215	2500		59.5	3	PLUG DOWN - DV CLOSED
					CIRC CEMENT TO PIT
					PLUG RAT HOLE - 30 SK A-CON
					PLUG MOUSE HOLE - 20 SK A-CON
1300					JOB COMPLETE
					KEVIN

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BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~03512~~ A

DATE TICKET NO.

DATE OF JOB 3/8/11 DISTRICT PRATT, KS	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER BEREXCO	LEASE Wellington Unit KGS WELL NO. 1-28
ADDRESS	COUNTY SUMNER STATE KS.
CITY STATE	SERVICE CREW KG, CHRIS, ROBERT, JOE
AUTHORIZED BY	JOB TYPE: CNW - LONGSTRING

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19907		19805	8		
		19808			
19870					
		19832	8		
33708	8	19862			
20920					

	DATE	AM PM	TIME
TRUCK CALLED	3-7	AM	2200
ARRIVED AT JOB	3-8	AM	0200
START OPERATION	3-8	AM	0400
FINISH OPERATION	3-8	AM	1300
RELEASED	3-8	AM	1330
MILES FROM STATION TO WELL	95		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP105	AA2 CEMENT	SK	420		7140 00
CP101	A-CON CEMENT	SK	700		12,600 00
CP101	A-CON CEMENT	SK	50		900 00
CC102	CELLOFLAKE	lb.	292		1080 40
CC105	C-41P DEFOAMER	lb.	99		396 00
CC109	CALCIUM CHLORIDE	lb.	1410		1480 50
CC111	SALT	lb.	2038		1019 00
CC112	CEMENT FRICTION REDUCER	lb.	119		714 00
CC115	C-44 GAS BLOK	lb.	395		2034 25
CC129	FLA-322	lb.	198		1485 00
CC201	GILSONITE	lb.	2520		1688 40
CF801	5½ FLOAT SHOE	EA.	1		480 00
CF601	5½ LATCH DOWN PLUG	EA.	1		850 00
CF401	2-STAGE CEMENT COLLAR	EA.	1		6100 00
CF402	3-STAGE CEMENT COLLAR	EA.	1		6100 00
CF901	5½ BASKET	EA.	6		1740 00
CF651	5½ TURBOLIZER	EA.	27		2970 00

SUB TOTAL
DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE K. GORDLEY

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 03513 A

Continuation of

DATE TICKET NO. 1718 03512 A

DATE OF JOB 3/8/11	DISTRICT PRATT, Ks	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐	CUSTOMER ORDER NO.:
CUSTOMER BEREXCO		LEASE Wellington UNIT HGS	WELL NO. 1-28
ADDRESS		COUNTY SUMNER	STATE KS.
CITY	STATE	SERVICE CREW KG, CHRIS, ROBERT, JOE,	
AUTHORIZED BY		JOB TYPE: CNW - LONGSTRING	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19907		19805	8		
		19808			
19870					
		19862	8		
35108	8	19862			
20920					

	DATE	AM PM	TIME
TRUCK CALLED	3-7-11		2200
ARRIVED AT JOB	3-8-11	AM	0200
START OPERATION	"	AM	0400
FINISH OPERATION	"	AM	1230
RELEASED	"	AM	1300
MILES FROM STATION TO WELL			95

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CF3000	THREAD LOCK	EA.	2		68 00
E101	HEAVY EQUIP. MILEAGE	mile	380		2660 00
CE240	BLENDING CHARGE	SK	1170		1638 00
E113	BULK DELIVERY CHARGE	TM	5225		8360 00
CE206	DEPTH CHARGE 5001'-6000'	EA.	1		2880 00
CE504	PLUG CONTAINER RENTAL	EA.	1		250 00
S003	SERVICE SUPERVISOR	EA.	1		175 00
E100	PICKUP MILEAGE	mile	95		403 75
CE409	ADDITIONAL STAGE CHARGE	EA.	1		2160 00

SUB TOTAL DLS 16,486.89

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE K. GORDLEY

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Jason Bennett
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041613 **DST#: 1**

Test Start: 2011.03.05 @ 07:56:09

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:46:24
Time Test Ended: 18:42:54

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5133.00 ft (KB) To 5250.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

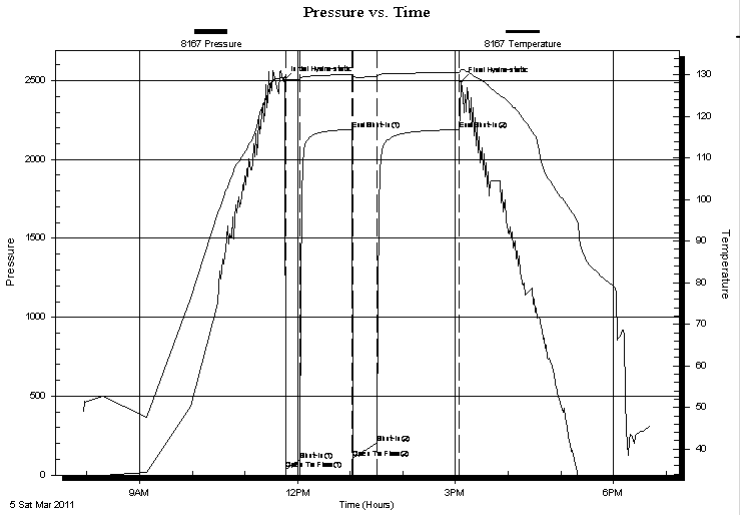
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 202.79 psig @ 5134.00 ft (KB)
Start Date: 2011.03.05 End Date: 2011.03.05
Start Time: 07:56:14 End Time: 18:42:54

Capacity: 8000.00 psig
Last Calib.: 2011.03.05
Time On Btm: 2011.03.05 @ 11:44:24
Time Off Btm: 2011.03.05 @ 15:06:24

TEST COMMENT: IF:Weak blow . Slow increase to 4".
ISI:No blow .
FF:Weak blow . Slow increase to 3".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2501.29	129.43	Initial Hydro-static
2	36.02	128.83	Open To Flow (1)
18	95.97	128.93	Shut-In(1)
78	2189.46	130.04	End Shut-In(1)
79	106.59	129.51	Open To Flow (2)
106	202.79	129.54	Shut-In(2)
201	2186.18	130.50	End Shut-In(2)
202	2493.29	131.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	MW 33%m 67%w /Rw .22ohms@60deg	0.91
185.00	WM 50%w 50%m	0.91

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041613 **DST#: 1**

Test Start: 2011.03.05 @ 07:56:09

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:	39000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	5.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

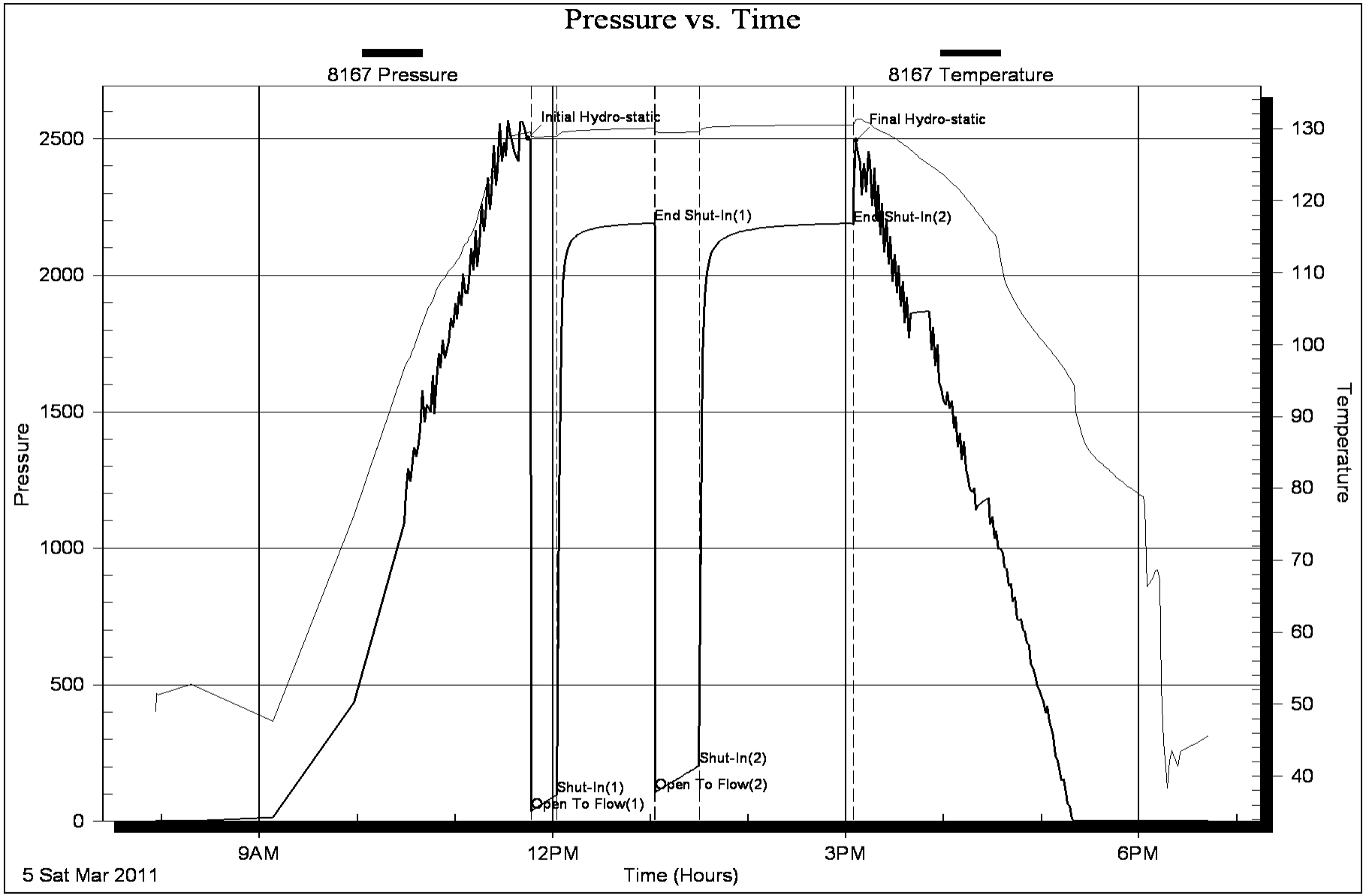
Length ft	Description	Volume bbl
185.00	MW 33%m 67%w /Rw .22ohms@60deg	0.910
185.00	WM 50%w 50%m	0.910

Total Length: 370.00 ft Total Volume: 1.820 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8167 Pressure
8167 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
40
9AM
12PM
3PM
6PM
5 Sat Mar 2011
Time (Hours)

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 44614 **DST#: 2**

Test Start: 2011.03.05 @ 19:14:32

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:20:17
Time Test Ended: 04:00:02

Test Type: Conventional Straddle
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5026.00 ft (KB) To 5047.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

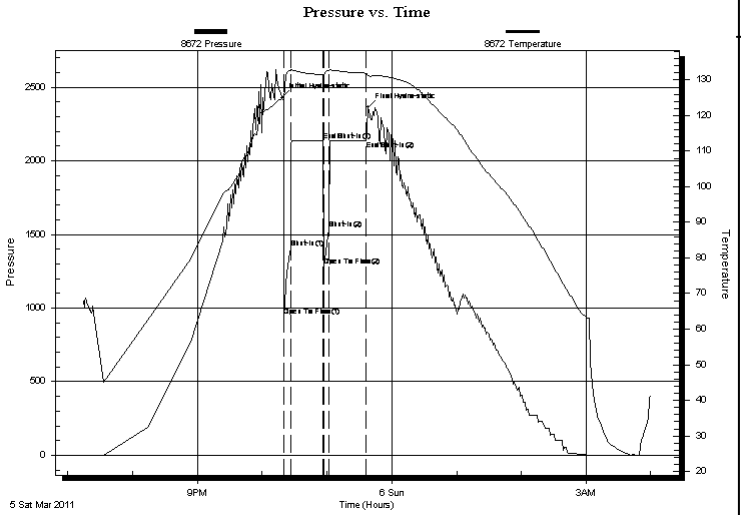
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8672 **Inside**

Press@RunDepth: 1536.67 psig @ 5027.00 ft (KB)
Start Date: 2011.03.05 End Date: 2011.03.06
Start Time: 19:14:37 End Time: 04:00:02

Capacity: 8000.00 psig
Last Calib.: 2011.03.06
Time On Btm: 2011.03.05 @ 22:18:17
Time Off Btm: 2011.03.05 @ 23:38:17

TEST COMMENT: IF:Strong blow . B.O.B.in 12 secs.
ISI:No blow .
FF:Strong blow . B.O.B. o 20 secs.
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.68	124.88	Initial Hydro-static
2	949.34	124.55	Open To Flow (1)
9	1410.46	132.67	Shut-In(1)
39	2137.71	131.45	End Shut-In(1)
39	1284.52	131.16	Open To Flow (2)
44	1536.67	132.69	Shut-In(2)
78	2137.94	131.93	End Shut-In(2)
80	2362.88	131.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	MW 28%m 72%w	1.13
2480.00	SW	31.91

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC

2020 N.Bramblewood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 44614 **DST#: 2**

Test Start: 2011.03.05 @ 19:14:32

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:20:17
Time Test Ended: 04:00:02

Test Type: Conventional Straddle
Tester: Gary Pevoteaux
Unit No: 56

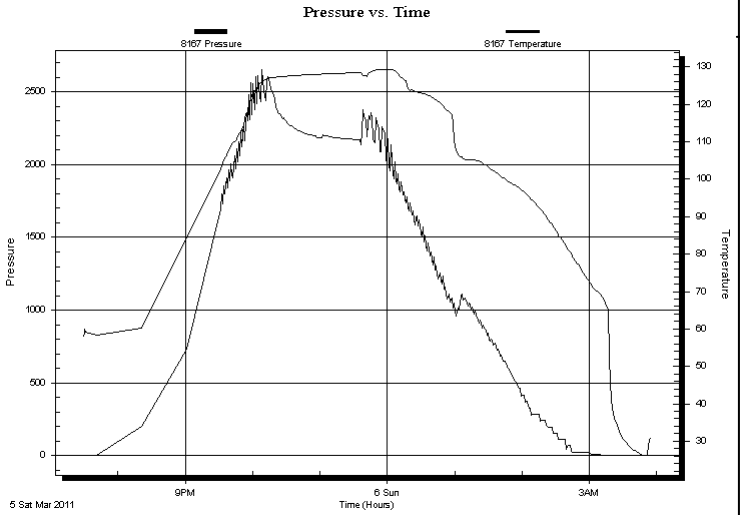
Interval: 5026.00 ft (KB) To 5047.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8167 **Below**

Press@RunDepth:	psig @	5048.00 ft (KB)		Capacity:	8000.00 psig
Start Date:	2011.03.05	End Date:	2011.03.06	Last Calib.:	2011.03.06
Start Time:	19:29:24	End Time:	03:54:33	Time On Btm:	
				Time Off Btm:	

TEST COMMENT:
IF:Strong blow . B.O.B.in 12 secs.
ISI:No blow .
FF:Strong blow . B.O.B. o 20 secs.
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
230.00	MW 28%m 72%w	1.13
2480.00	SW	31.91

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 44614 **DST#: 2**

Test Start: 2011.03.05 @ 19:14:32

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:	34000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	5.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

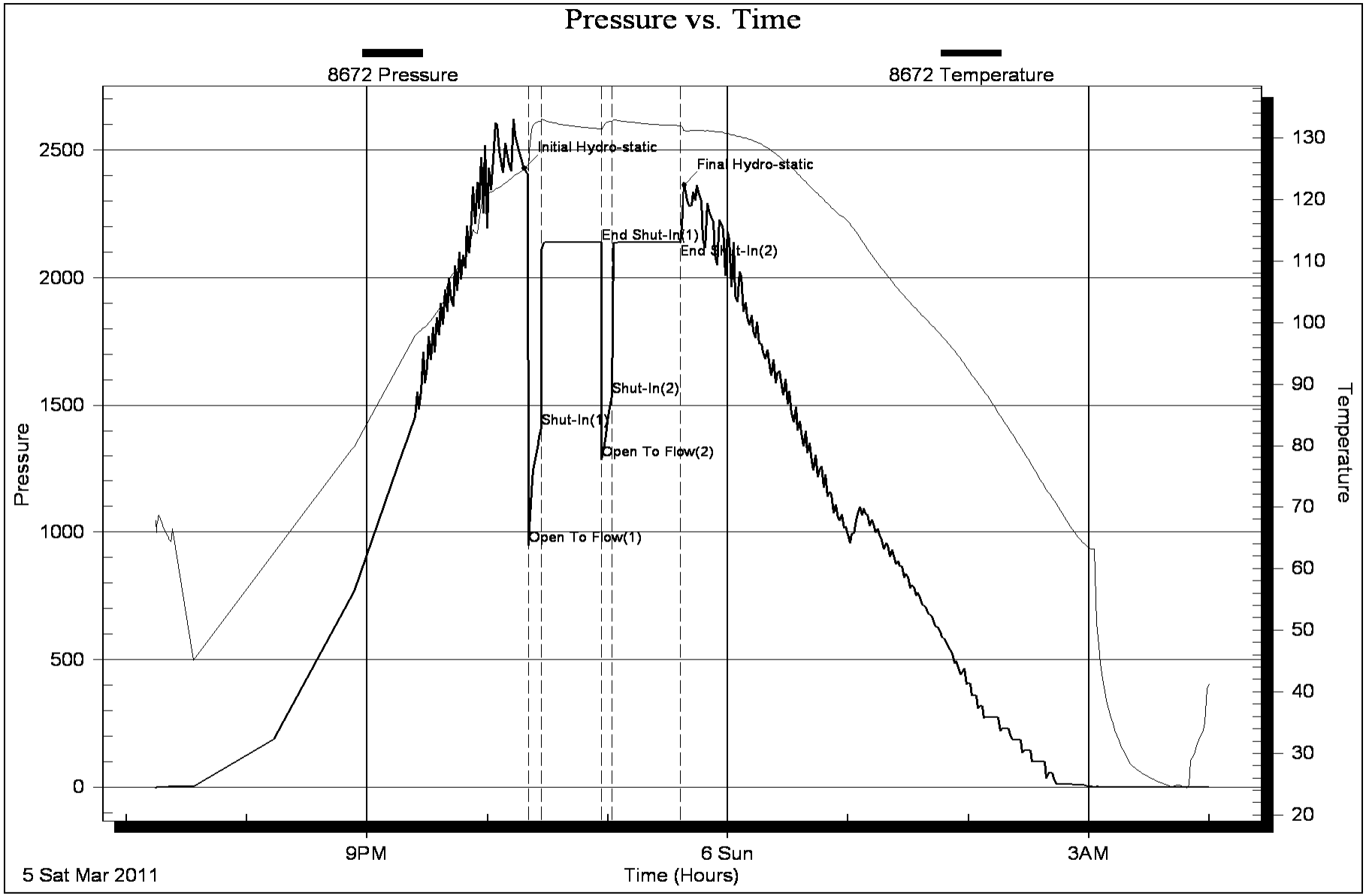
Length ft	Description	Volume bbl
230.00	MW 28%m 72%w	1.131
2480.00	SW	31.909

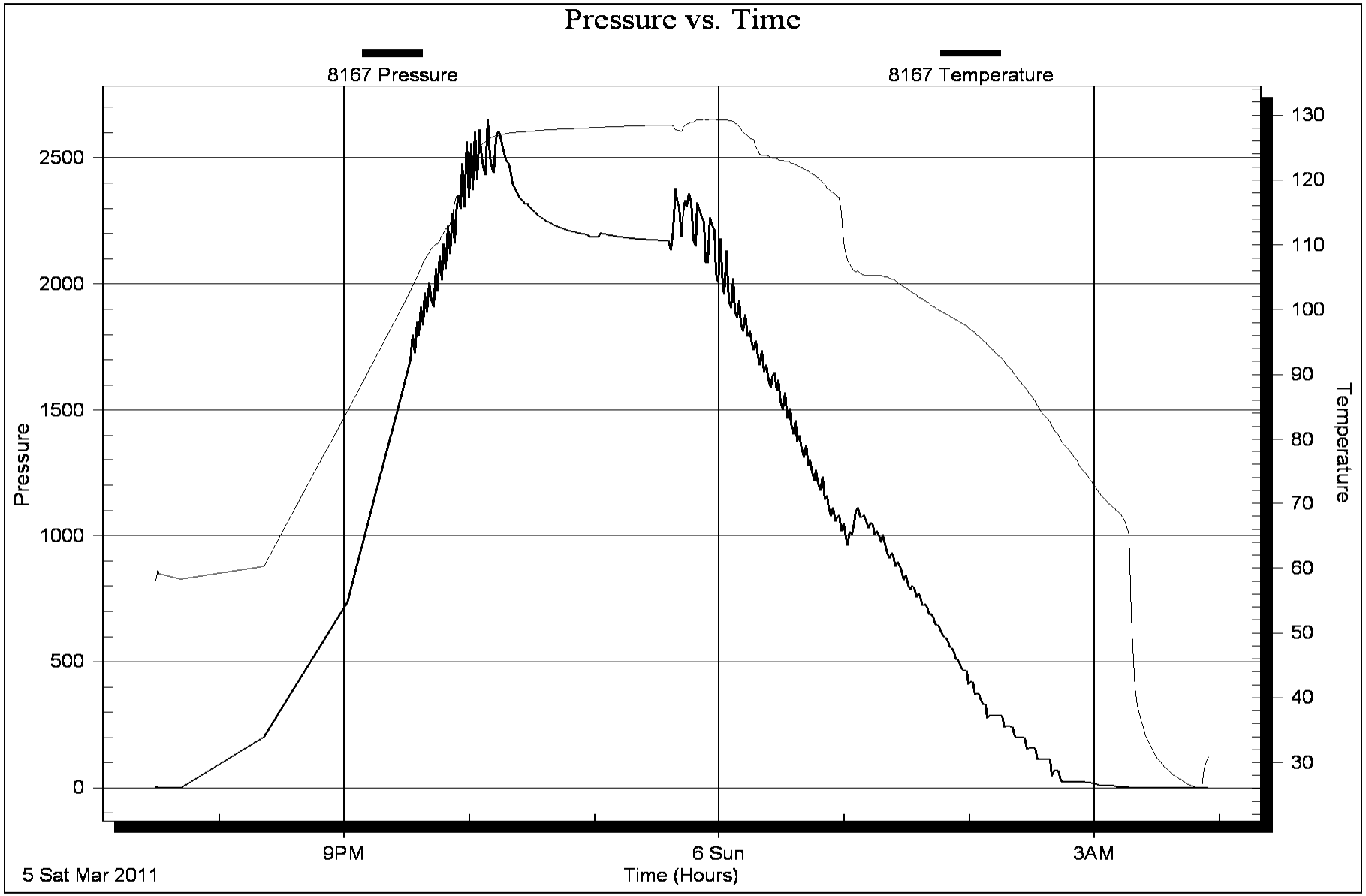
Total Length: 2710.00 ft Total Volume: 33.040 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .29ohma@ 51 deg


Pressure vs. Time
8672 Pressure
8672 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
40
30
20
9PM
6 Sun
3AM
5 Sat Mar 2011
Time (Hours)


Pressure vs. Time
8167 Pressure
8167 Temperature
Pressure
2500
2000
1500
1000
500
0
Temperature
130
120
110
100
90
80
70
60
50
40
30
9PM
6 Sun
3AM
5 Sat Mar 2011
Time (Hours)

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC

2020 N.Bramblewood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041594 **DST#: 3**

Test Start: 2011.03.06 @ 13:09:17

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:37:17
Time Test Ended: 20:49:47

Test Type: Conventional Straddle
Tester: Leal Cason
Unit No: 45

Interval: 4917.00 ft (KB) To 4937.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

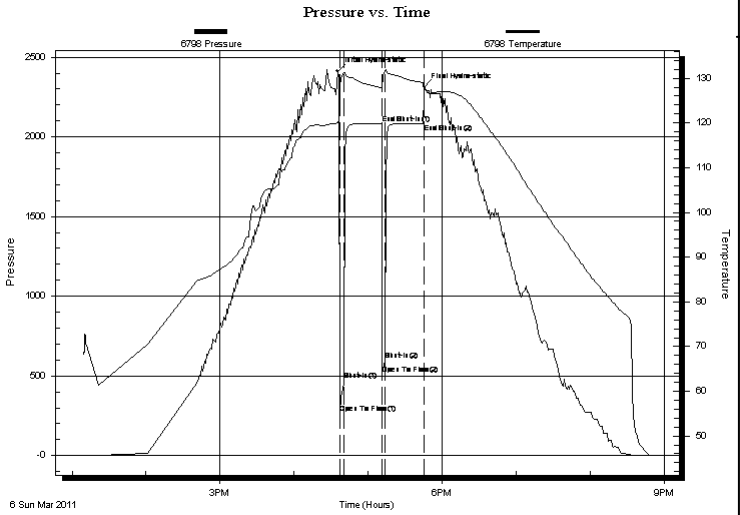
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6798 **Outside**

Press@RunDepth: 598.64 psig @ 4936.00 ft (KB)
Start Date: 2011.03.06 End Date: 2011.03.06
Start Time: 13:09:18 End Time: 20:49:47

Capacity: 8000.00 psig
Last Calib.: 2011.03.06
Time On Btm: 2011.03.06 @ 16:35:17
Time Off Btm: 2011.03.06 @ 17:45:47

TEST COMMENT: IF: Strong Blow, BOB in 80 Seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB in 1 minute
FSI: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.28	120.02	Initial Hydro-static
2	265.10	128.34	Open To Flow (1)
6	473.21	131.35	Shut-In(1)
36	2081.64	127.89	End Shut-In(1)
36	513.31	127.71	Open To Flow (2)
39	598.64	131.52	Shut-In(2)
70	2082.44	129.03	End Shut-In(2)
71	2312.18	127.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
686.00	Salt Water	4.65
186.00	MCW 30%M 70%W	2.61
196.00	WCM 40%W 60%M	2.75

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC

2020 N.Bramblewood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041594 **DST#: 3**

Test Start: 2011.03.06 @ 13:09:17

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:37:17
Time Test Ended: 20:49:47

Test Type: Conventional Straddle
Tester: Leal Cason
Unit No: 45

Interval: 4917.00 ft (KB) To 4937.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

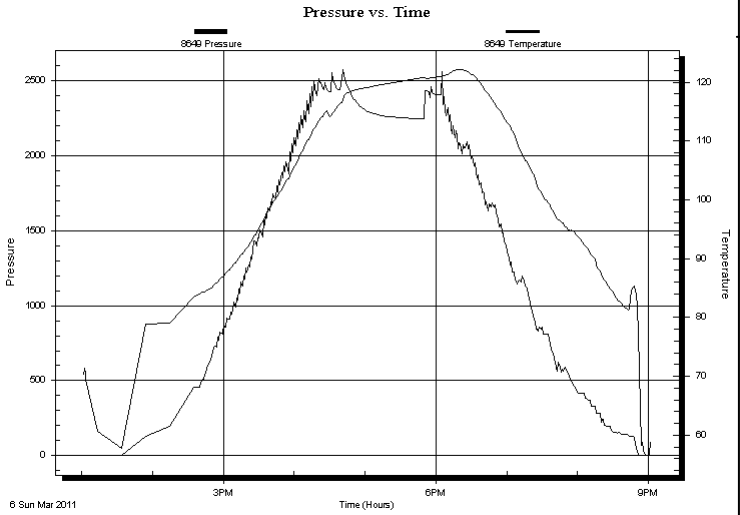
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8649 **Below (Straddle)**

Press@RunDepth: psig @ 4941.00 ft (KB)
Start Date: 2011.03.06 End Date: 2011.03.06
Start Time: 13:01:31 End Time: 21:02:00

Capacity: 8000.00 psig
Last Calib.: 2011.03.06
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow, BOB in 80 Seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB in 1 minute
FSI: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
686.00	Salt Water	4.65
186.00	MCW 30%M 70%W	2.61
196.00	WCM 40%W 60%M	2.75

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041594 **DST#: 3**

Test Start: 2011.03.06 @ 13:09:17

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:	31000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

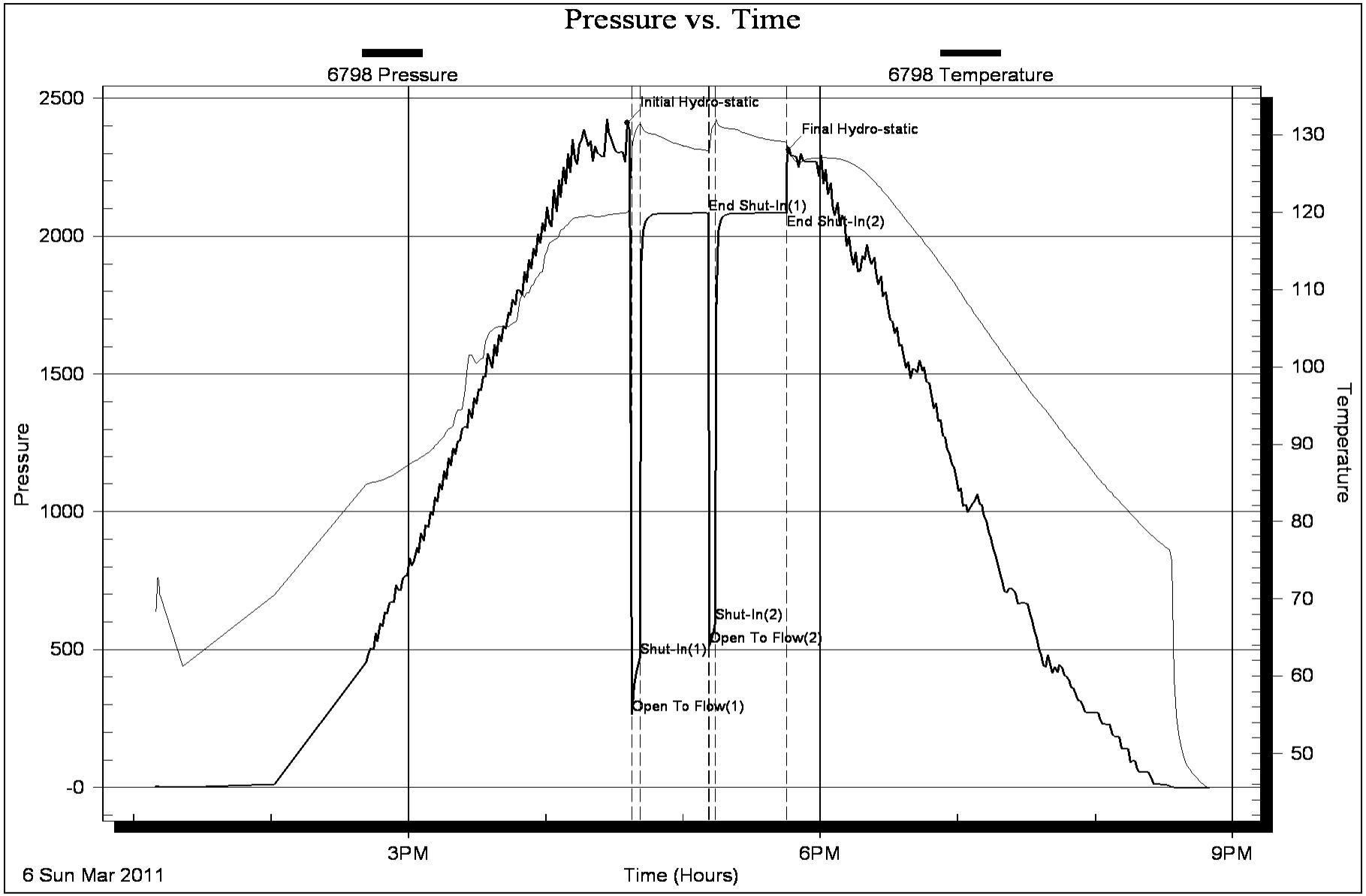
Length ft	Description	Volume bbl
686.00	Salt Water	4.649
186.00	MCW 30%M 70%W	2.609
196.00	WCM 40%W 60%M	2.749

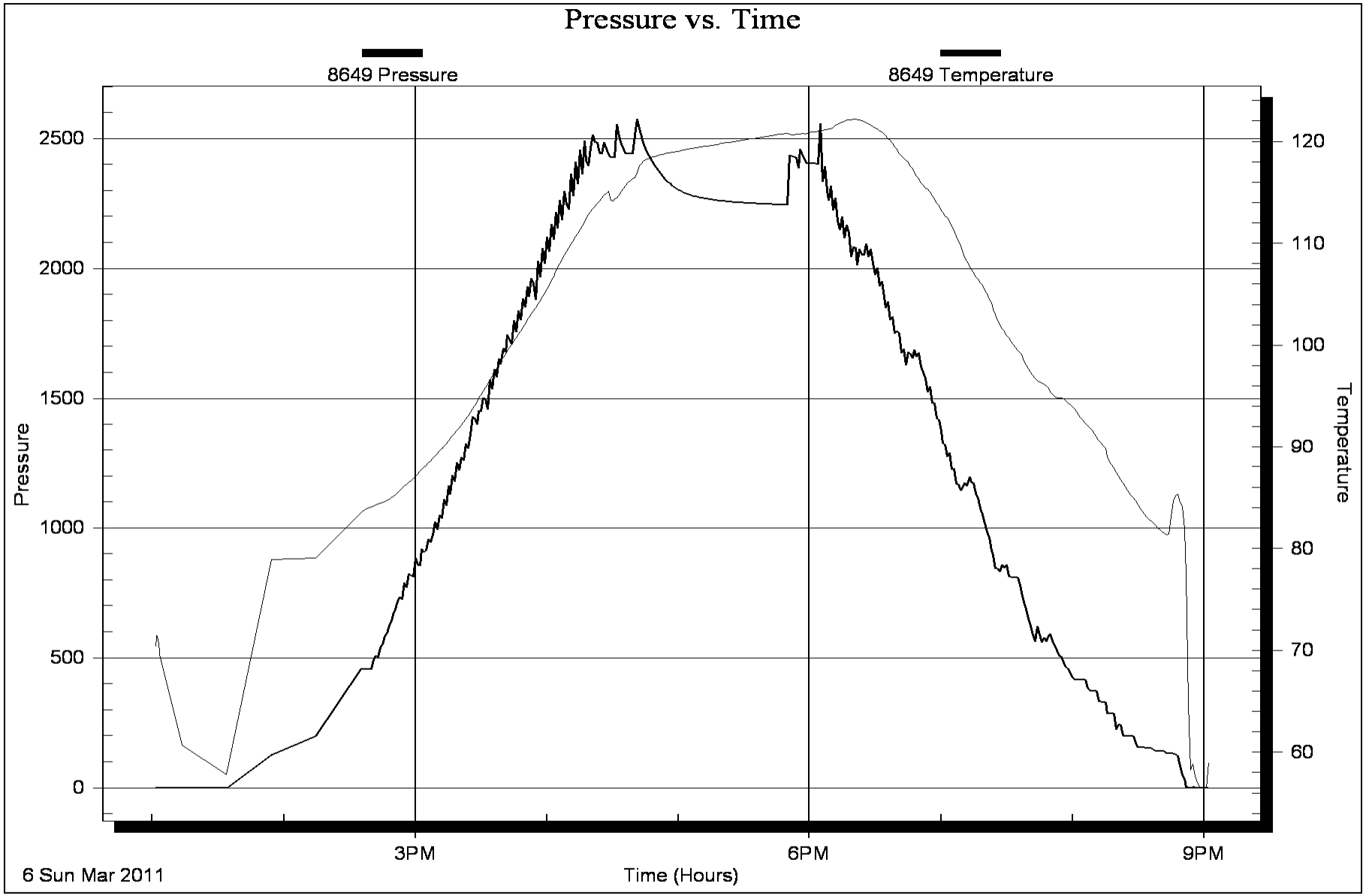
Total Length: 1068.00 ft Total Volume: 10.007 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Open To Flow(2)
Shut-In(1)
Open To Flow(1)
Pressure
Temperature
2500
2000
1500
1000
500
-0
130
120
110
100
90
80
70
60
50
3PM
6PM
9PM
6 Sun Mar 2011
Time (Hours)


Pressure vs. Time
8649 Pressure
8649 Temperature
Pressure
Temperature
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
3PM
6PM
9PM
6 Sun Mar 2011
Time (Hours)

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC

2020 N.Bramblewood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041595 **DST#: 4**

Test Start: 2011.03.06 @ 21:36:42

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:31:57
Time Test Ended: 06:02:42

Test Type: Conventional Straddle
Tester: Leal Cason
Unit No: 45

Interval: 4866.00 ft (KB) To 4885.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

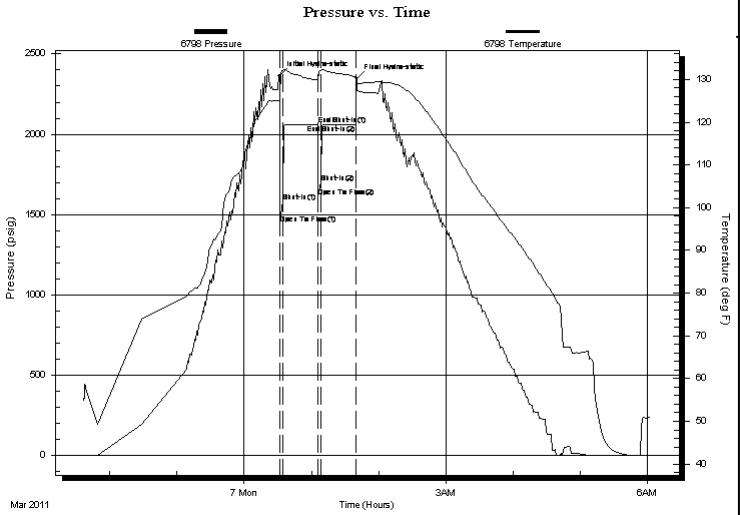
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6798 **Outside**

Press@RunDepth: 1699.12 psig @ 4884.00 ft (KB)
Start Date: 2011.03.06 End Date: 2011.03.07
Start Time: 21:36:43 End Time: 06:02:42

Capacity: 8000.00 psig
Last Calib.: 2011.03.07
Time On Btm: 2011.03.07 @ 00:31:27
Time Off Btm: 2011.03.07 @ 01:40:27

TEST COMMENT: IF: Strong Blow, BOB in 20 seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB in 25 seconds
FSI: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.19	125.03	Initial Hydro-static
1	1445.40	126.53	Open To Flow (1)
4	1581.61	132.16	Shut-In(1)
34	2060.91	129.85	End Shut-In(1)
35	1611.68	129.69	Open To Flow (2)
38	1699.12	132.12	Shut-In(2)
68	2060.91	130.61	End Shut-In(2)
69	2348.96	129.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1543.00	Salt Water	16.67
186.00	MCW 10%M 90%W	2.61
372.00	WCM 40%W 60%M	5.22

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Berexco LLC
2020 N.Bramblewood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041595 **DST#: 4**

Test Start: 2011.03.06 @ 21:36:42

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:31:57
Time Test Ended: 06:02:42

Test Type: Conventional Straddle
Tester: Leal Cason
Unit No: 45

Interval: 4866.00 ft (KB) To 4885.00 ft (KB) (TVD)
Total Depth: 5250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

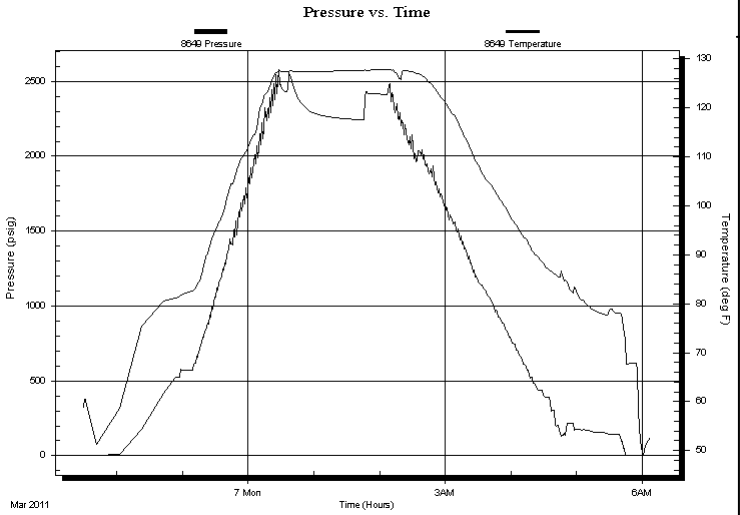
Reference Elevations: 1270.00 ft (KB)
1257.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8649 **Below (Straddle)**

Press@RunDepth: psig @ 4905.00 ft (KB)
Start Date: 2011.03.06 End Date: 2011.03.07
Start Time: 21:29:44 End Time: 06:08:02

Capacity: 8000.00 psig
Last Calib.: 2011.03.07
Time On Btm:
Time Off Btm:

TEST COMMENT:
IF: Strong Blow, BOB in 20 seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB in 25 seconds
FSI: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1543.00	Salt Water	16.67
186.00	MCW 10%M 90%W	2.61
372.00	WCM 40%W 60%M	5.22

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N.Bramblew ood
Wichita Ks.67206

ATTN: Kent Crisler

KGS#1-28

28-31s-1w Sumner Ks.

Job Ticket: 041595 **DST#: 4**

Test Start: 2011.03.06 @ 21:36:42

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:	30500 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

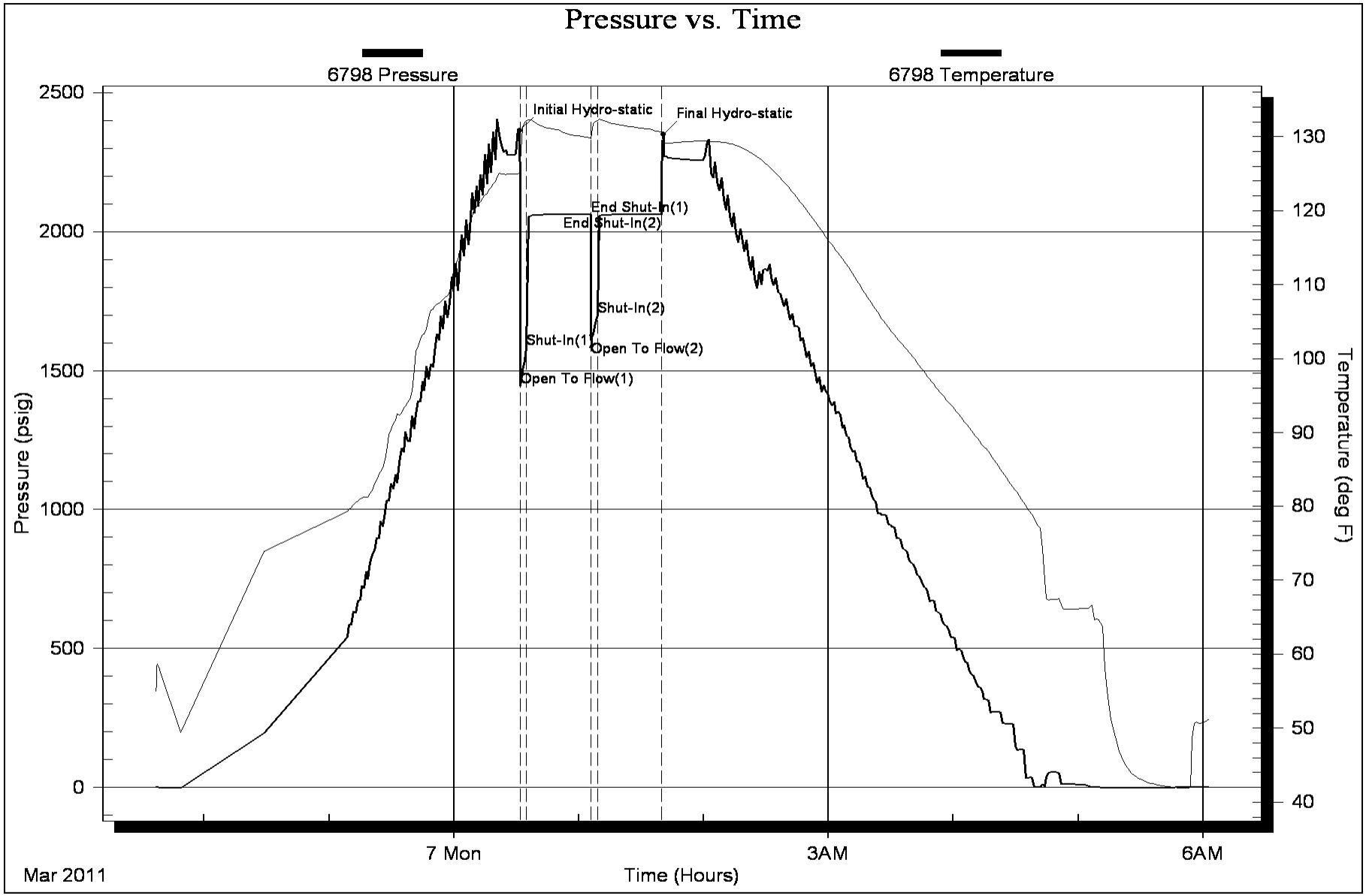
Length ft	Description	Volume bbl
1543.00	Salt Water	16.670
186.00	MCW 10%M 90%W	2.609
372.00	WCM 40%W 60%M	5.218

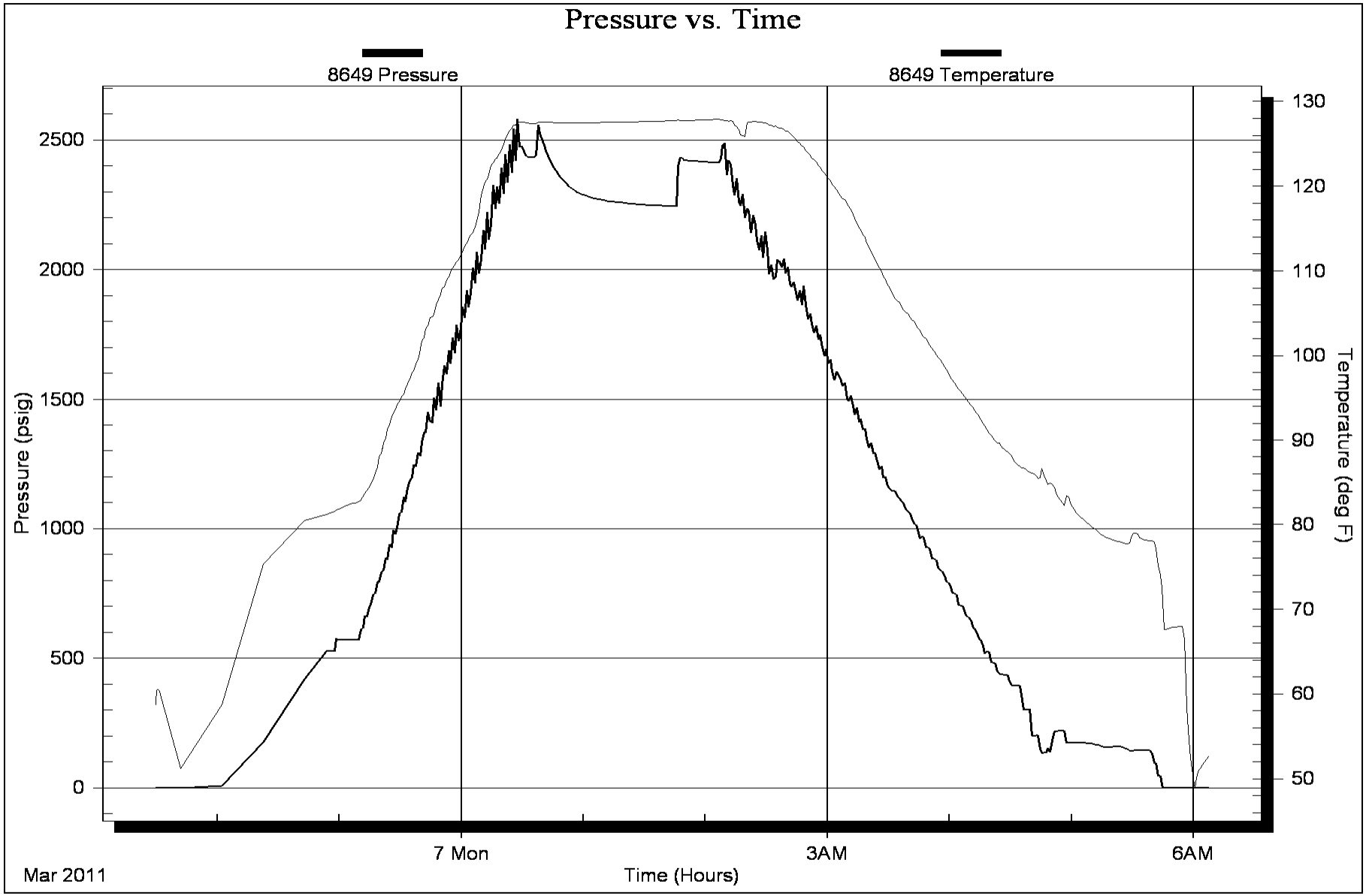
Total Length: 2101.00 ft Total Volume: 24.497 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure (psig)
2500
2000
1500
1000
500
0
Temperature (deg F)
130
120
110
100
90
80
70
60
50
40
7 Mon
3AM
6AM
Mar 2011
Time (Hours)


Pressure vs. Time
8649 Pressure
8649 Temperature
Pressure (psig)
2500
2000
1500
1000
500
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Temperature (deg F)
130
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110
100
90
80
70
60
50
7 Mon
3AM
6AM
Mar 2011
Time (Hours)