



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
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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: \_\_\_\_\_



1046758

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Goetz C 3
Doc ID	1046758

Tops

Name	Top	Datum
Anhydrite	1188	+824
Anhydrite (base)	1224	+788
Topeka	2982	-970
Plattsmouth	3196	-1184
Heebner	3231	-1219
Lansing A	3282	-1270
Lansing B	3300	-1288
Lansing C	3321	-1310
Lansing E	3345	-1333
Lansing F	3352	-1340
Lansing G	3370	-1356
Lansing H	3412	-1400
Lansing I	3436	-1424
Lansing J	3454	-1442
Arbuckle	3514	-1502

# ALLIED CEMENTING CO., LLC. 041886

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>8-7-10</u>	SEC. <u>3</u>	TWP. <u>14</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 PM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>Goetz</u>		WELL # <u>3</u>	LOCATION <u>Toulon + Hwy 40 3E</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>1N 1/2E N1/4</u>				

CONTRACTOR Bredco Drilling Rig #10  
 TYPE OF JOB Surface Job  
 HOLE SIZE 12 1/4 T.D. 283  
 CASING SIZE 8 5/8 DEPTH 283  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 17 bbl

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 200 Con 32cc 2864

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane  
 # 417 HELPER Heath  
 BULK TRUCK  
 # 416 DRIVER Justin TWS  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>200</u>	@	<u>13.50</u>	<u>2700.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>7</u>	@	<u>51.50</u>	<u>360.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>110/5k/mile</u>			<u>300.00</u>
<b>TOTAL</b>				<u>3891.00</u>

**REMARKS:**

Raw 60ts + Landry Jr.  
Est Circulation  
Mixed wastes  
Cement Circulated

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>6</u>	@	<u>7.00</u>	<u>42.00</u>
MANIFOLD		@		
		@		
		@		
<b>TOTAL</b>				<u>1033.00</u>

CHARGE TO: Berecra  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
<b>TOTAL</b> _____			

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES                       
 DISCOUNT                      IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

Thanks!

# ALLIED CEMENTING CO., LLC. 041860

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE <u>8-17-10</u>	SEC. <u>3</u>	TWP. <u>14</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 pm</u> <u>7:00 pm</u>	JOB FINISH <u>6:00 pm</u> <u>8:00 PM</u>
LEASE <u>Gortz "C"</u>		WELL # <u>3</u>		LOCATION <u>Toulon + Hwy 40 3 East 1 North</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>1/2 East North into.</u>			

CONTRACTOR Beredco Rig #10  
 TYPE OF JOB DV Production string  
 HOLE SIZE 7 7/8 T.D. 3600'  
 CASING SIZE 5 1/2 14# DEPTH 3598'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
~~DATE~~ Latch Down Baffle DEPTH 3523'  
 TOOL DV DEPTH 1197'  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 74'  
 CEMENT LEFT IN CSG. 74'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT Bottom 85.96 Top 29.20

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 200 com 10% salt 2% gel  
500gal WFR-2 5# Gilsomite/SK  
450 Lite 1/4# Flo

EQUIPMENT  
 PUMP TRUCK CEMENTER John Roberts Wynne  
 # 398 HELPER Richard TWS  
 BULK TRUCK  
 # 410 DRIVER Daniel TWS Johnny  
 BULK TRUCK  
 # 481 DRIVER Bill TWS

COMMON	<u>200</u>	@	<u>13.50</u>	<u>2700.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
<u>Lite</u>	<u>450</u>	@	<u>11.85</u>	<u>5332.50</u>
<u>Fl. Seal</u>	<u>112 #</u>	@	<u>2.45</u>	<u>274.40</u>
<u>WFR-2</u>	<u>500 Gal</u>	@	<u>1.10</u>	<u>550.00</u>
<u>Gilsomite</u>	<u>1000. #</u>	@	<u>.85</u>	<u>850.00</u>
		@		
		@		
HANDLING	<u>650</u>	@	<u>2.25</u>	<u>1462.50</u>
MILEAGE	<u>110/sk/mile</u>			<u>455.00</u>
TOTAL				<u>11,875.40</u>

**REMARKS:**

Ran 3598' 5 1/2 14# Casing Est. Circulation and circulate 1hr. on bottom. Pump 500 gal WFR-2 and Mix 200 sk cement. Displace w/ 85.96 Bbl H2O. Grand plug at 1500 psi. Float did hold. Open DV tool and circulate 2hr. Mix 400 sk cement and displace plug w/ 30.0 Bbl H2O ~~30.0 Bbl H2O~~. Cement did circulate. The Plug did not land to close DV Tool. Plug Rathole w/ Thank You! 30sk and mousehole w/ 20 sk.

**SERVICE**

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>7</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
TOTAL <u>2006.00</u>			

CHARGE TO: Berexco LLC  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**5 1/2 PLUG & FLOAT EQUIPMENT**

<u>DV Tool</u>		<u>2832.00</u>
<u>14- Turbolizers</u>	@ <u>42.00</u>	<u>588.00</u>
<u>3- Baskets</u>	@ <u>161.00</u>	<u>483.00</u>
<u>AEU Float Shoe</u>	@	<u>214.00</u>
<u>Latch Down Plug</u>	@ <u>164.00</u>	<u>N-C</u>
<u>2- Limit Clamps</u>	@ <u>27.00</u>	<u>54.00</u>
TOTAL		<u>4171.00</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

# LITHOLOGY STRIP LOG

## WellSight Systems

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: **GOETZ # C3**  
 Location: **SWNESEW 3 14S-17W ELLIS COUNTY, KANSAS**  
 License Number: **15-051-26008**  
 Spud Date: **8-6-2010**  
 Surface Coordinates: **798' FSL & 2970' FEL**

Region: **MIDCONTINENT**  
 Drilling Completed: **8-17-2010**

Bottom Hole Coordinates:

Ground Elevation (ft): **2001** K.B. Elevation (ft): **2012**  
 Logged Interval (ft): **2700** To: **3592** Total Depth (ft): **3592**  
 Formation: **LANSING/KC & ARBUCKLE**  
 Type of Drilling Fluid: **CHEMICAL**

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: **BEREXCO, LLC.**  
 Address: **P.O. BOX 20380  
 WICHITA, KANSAS 67208**

### GEOLOGIST

Name: **WILLIAM B. BYNOG**  
 Company:  
 Address: **P.O. BOX 687  
 PINECLIFFE, CO. 80471  
 303-642-3681 H 303-250-0727 C**

### Cores

### DSTs

DST#13288-3320, DST#2 3315-3340, DST#3 3335-90, DST#4 3506-22, DST#5 3520-31, DST#6 3532-42, DST#7 3548-52

### Comments

RAN 5 1/2 CASING

### ROCK TYPES

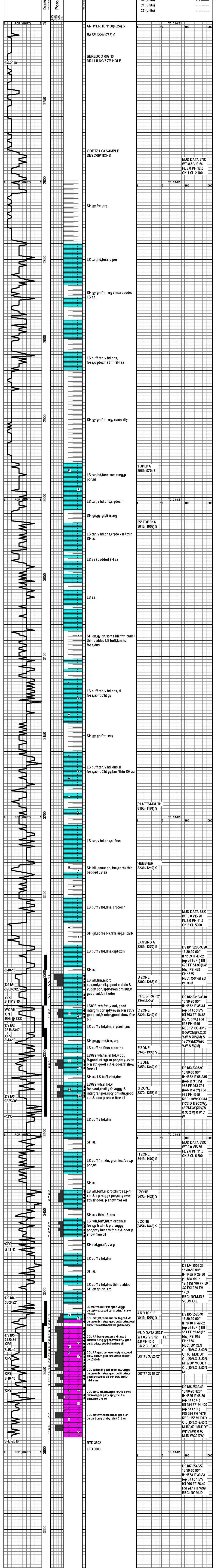
<table border="0"> <tr><td></td><td>Anhy</td></tr> <tr><td></td><td>Bent</td></tr> <tr><td></td><td>Brc</td></tr> <tr><td></td><td>Cht</td></tr> <tr><td></td><td>Clyst</td></tr> </table>		Anhy		Bent		Brc		Cht		Clyst	<table border="0"> <tr><td></td><td>Coal</td></tr> <tr><td></td><td>Congl</td></tr> <tr><td></td><td>Dol</td></tr> <tr><td></td><td>Gyp</td></tr> <tr><td></td><td>Igne</td></tr> </table>		Coal		Congl		Dol		Gyp		Igne	<table border="0"> <tr><td></td><td>Lmst</td></tr> <tr><td></td><td>Meta</td></tr> <tr><td></td><td>Mrlst</td></tr> <tr><td></td><td>Salt</td></tr> <tr><td></td><td>Shale</td></tr> </table>		Lmst		Meta		Mrlst		Salt		Shale	<table border="0"> <tr><td></td><td>Shcol</td></tr> <tr><td></td><td>Shgy</td></tr> <tr><td></td><td>Slkst</td></tr> <tr><td></td><td>Ss</td></tr> <tr><td></td><td>Sststg</td></tr> <tr><td></td><td>Ssstrg</td></tr> </table>		Shcol		Shgy		Slkst		Ss		Sststg		Ssstrg
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### ACCESSORIES

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### OTHER SYMBOLS

<p><b>POROSITY</b></p> <table border="0"> <tr><td></td><td>Earthy</td></tr> <tr><td></td><td>Fenest</td></tr> <tr><td></td><td>Fracture</td></tr> <tr><td></td><td>Inter</td></tr> <tr><td></td><td>Moldic</td></tr> <tr><td></td><td>Organic</td></tr> <tr><td></td><td>Pinpoint</td></tr> <tr><td></td><td>Vuggy</td></tr> </table>		Earthy		Fenest		Fracture		Inter		Moldic		Organic		Pinpoint		Vuggy	<p><b>ROUNDING</b></p> <table border="0"> <tr><td></td><td>Rounded</td></tr> <tr><td></td><td>Subrnd</td></tr> <tr><td></td><td>Subang</td></tr> </table>		Rounded		Subrnd		Subang	<p><b>OIL SHOW</b></p> <table border="0"> <tr><td></td><td>Even</td></tr> <tr><td></td><td>Spotted</td></tr> <tr><td></td><td>Dead</td></tr> </table>		Even		Spotted		Dead	<p><b>INTERVAL</b></p> <table border="0"> <tr><td></td><td>Dst</td></tr> <tr><td></td><td>Dst</td></tr> </table>		Dst		Dst
	Earthy																																		
	Fenest																																		
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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC  
 PO Box 20380 Wichita Ks  
 67208  
 ATTN: Bryan Bynog

**Goetz #C3**  
**Sec3Twp14sRge17w**  
 Job Ticket: 36825 **DST#: 1**  
 Test Start: 2010.08.10 @ 15:24:37

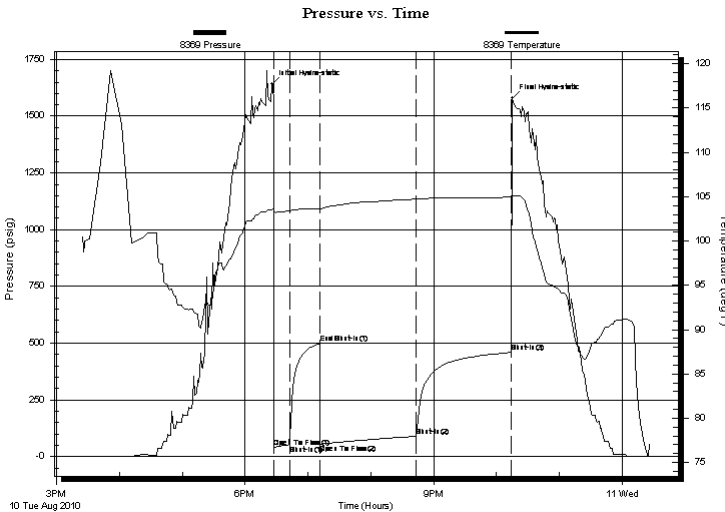
## GENERAL INFORMATION:

Formation: **KC "A,B"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 18:27:37  
 Tester: Brett Dickinson  
 Time Test Ended: 00:26:37  
 Unit No: 47  
 Interval: **3288.00 ft (KB) To 3320.00 ft (KB) (TVD)**  
 Reference Elevations: 2012.00 ft (KB)  
 Total Depth: 3320.00 ft (KB) (TVD) 2002.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 10.00 ft

**Serial #: 8369 Outside**  
 Press @ Run Depth: 52.63 psig @ 3289.02 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.10 End Date: 2010.08.11 Last Calib.: 2010.08.11  
 Start Time: 15:24:42 End Time: 00:26:37 Time On Btm: 2010.08.10 @ 18:25:37  
 Time Off Btm: 2010.08.10 @ 22:15:06

**TEST COMMENT:** IF-4in blow  
 IS-No blow  
 FF-weak surface blow built to .25in blow  
 FS-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.11	103.56	Initial Hydro-static
2	40.50	103.27	Open To Flow (1)
17	52.63	103.43	Shut-In(1)
46	498.44	103.67	End Shut-In(1)
46	54.38	103.55	Open To Flow (2)
137	90.13	104.72	Shut-In(2)
229	459.76	104.94	Shut-In(3)
230	1578.01	105.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	Oilspotted mud	0.74

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**Sec3Twp14sRge17w**  
Job Ticket: 36825      **DST#: 1**  
Test Start: 2010.08.10 @ 15:24:37

**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: 70.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

**Recovery Information**

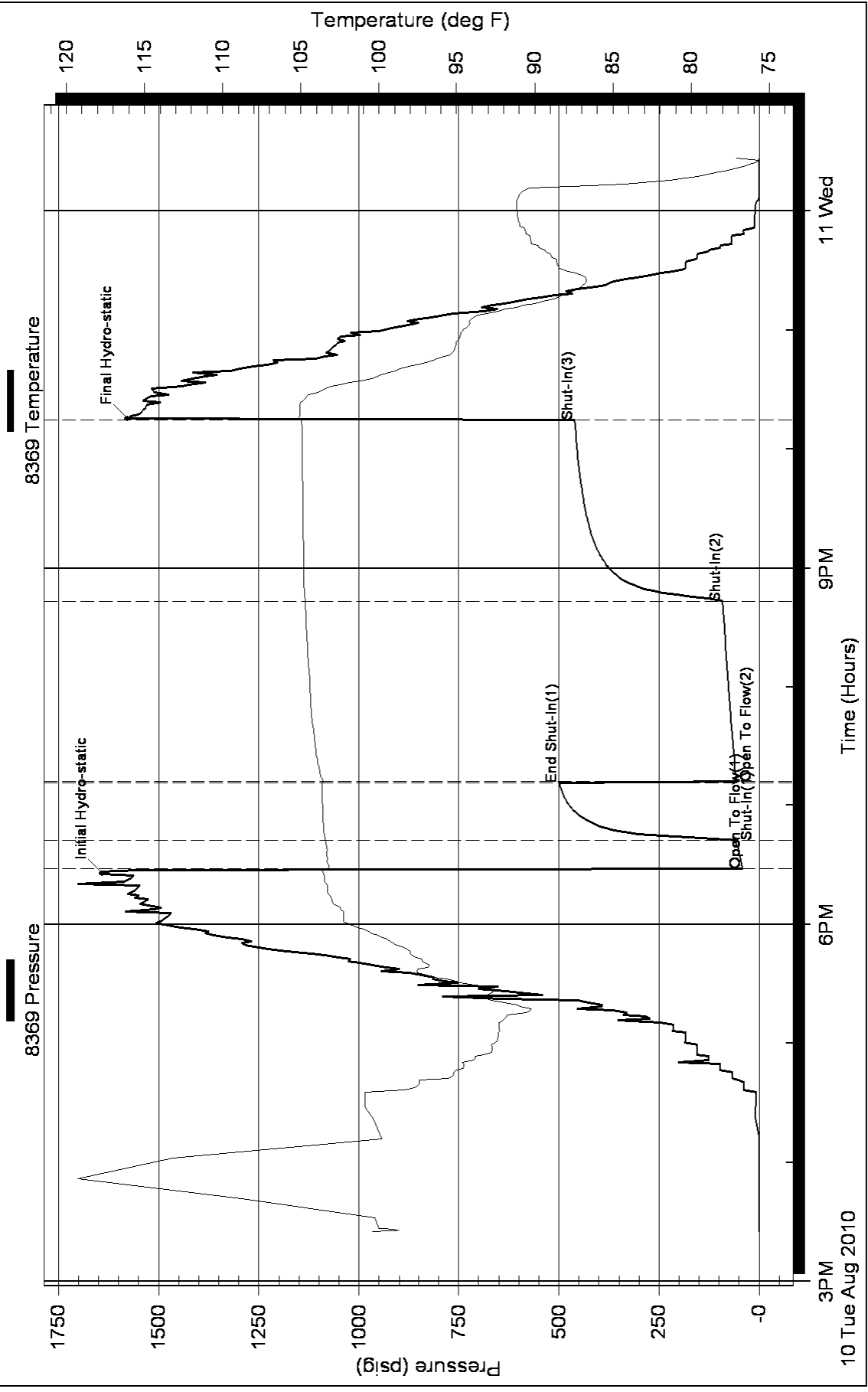
Recovery Table

Length ft	Description	Volume bbl
150.00	Oilspotted mud	0.738

Total Length: 150.00 ft      Total Volume: 0.738 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:



### Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC  
 PO Box 20380 Wichita Ks  
 67208  
 ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
 Job Ticket: 40326 **DST#: 2**  
 Test Start: 2010.08.12 @ 22:22:44

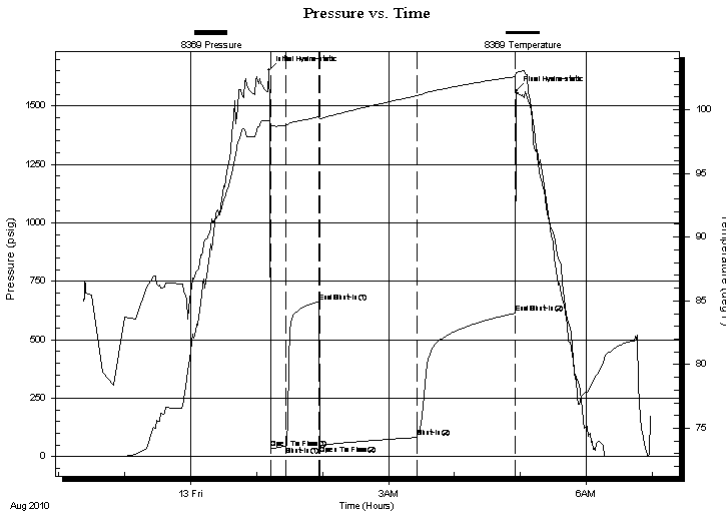
## GENERAL INFORMATION:

Formation: **KC "C"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 01:12:44  
 Tester: Brett Dickinson  
 Time Test Ended: 06:58:44  
 Unit No: 47  
 Interval: **3318.00 ft (KB) To 3340.00 ft (KB) (TVD)**  
 Reference Elevations: 2012.00 ft (KB)  
 Total Depth: 3340.00 ft (KB) (TVD) 2002.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 10.00 ft

**Serial #: 8369 Outside**  
 Press @ Run Depth: 82.37 psig @ 3319.02 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.12 End Date: 2010.08.13 Last Calib.: 2010.08.13  
 Start Time: 22:22:49 End Time: 06:58:44 Time On Btm: 2010.08.13 @ 01:11:14  
 Time Off Btm: 2010.08.13 @ 04:56:13

**TEST COMMENT:** IF-3.5in blow  
 IS-No blow  
 FF-Weak surface blow  
 FS-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1652.88	99.12	Initial Hydro-static
2	35.47	98.78	Open To Flow (1)
16	44.47	98.78	Shut-In(1)
46	663.34	99.47	End Shut-In(1)
46	48.52	99.32	Open To Flow (2)
135	82.37	101.10	Shut-In(2)
224	613.38	102.60	End Shut-In(2)
225	1565.00	102.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	FreeOil	0.01
43.00	VSO WCM 5%O 25%W 70%M	0.21
120.00	VSMCW 95%W 5%M	0.59

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco, LLC

**Goetz #C3**

PO Box 20380 Wichita Ks  
67208

**3,14s,17w,Ellis Ks**

Job Ticket: 40326

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2010.08.12 @ 22:22:44

## 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:

85000 ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	FreeOil	0.010
43.00	VSOWCM 5%O 25%W 70%M	0.211
120.00	VSMCW 95%W 5%M	0.590

Total Length: 165.00 ft

Total Volume: 0.811 bbl

Num Fluid Samples: 0

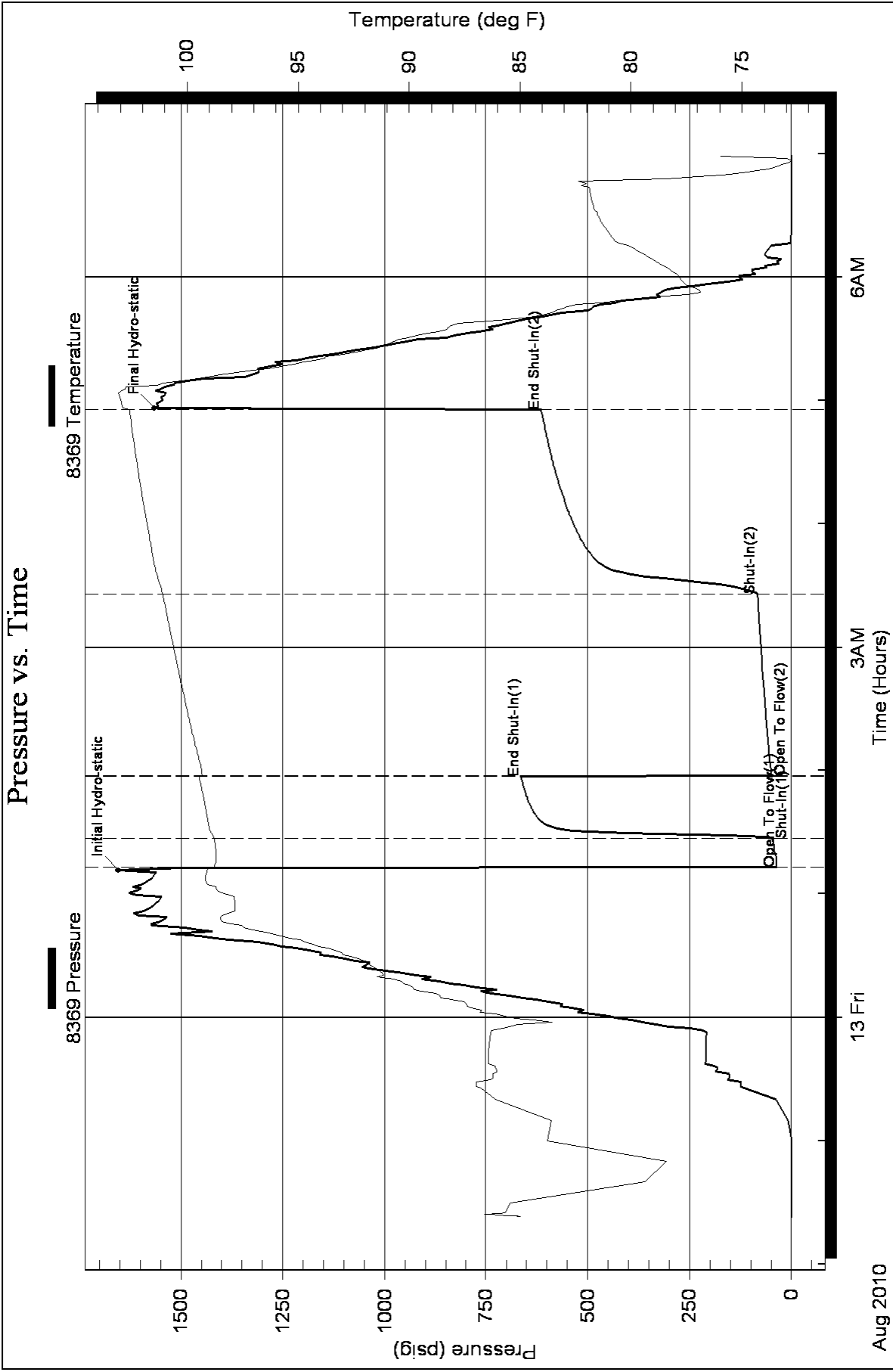
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40327 **DST#: 3**  
Test Start: 2010.08.13 @ 14:24:58

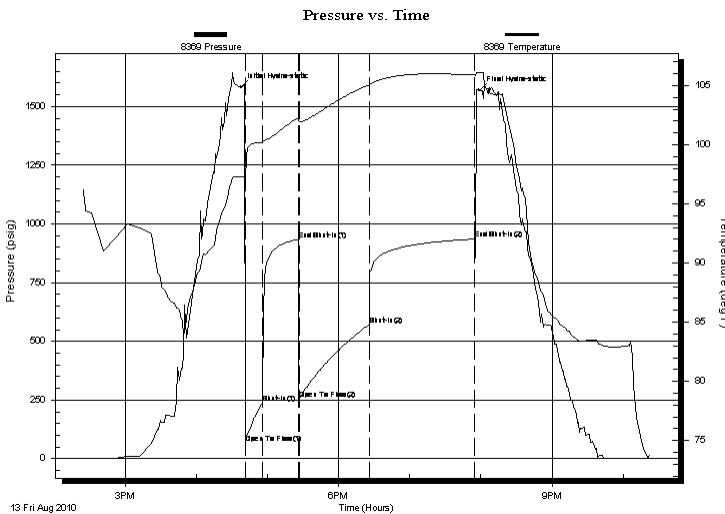
## GENERAL INFORMATION:

Formation: **KC"E,F,G"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 16:41:28  
Time Test Ended: 22:22:28  
Interval: **3335.00 ft (KB) To 3390.00 ft (KB) (TVD)**  
Total Depth: 3390.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition:  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 47  
Reference Elevations: 2012.00 ft (KB)  
2002.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8369 Outside**  
Press@RunDepth: 571.43 psig @ 3336.02 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.08.13 End Date: 2010.08.13 Last Calib.: 2010.08.13  
Start Time: 14:25:03 End Time: 22:22:27 Time On Btm: 2010.08.13 @ 16:37:28  
Time Off Btm: 2010.08.13 @ 19:58:28

**TEST COMMENT:** IF-BOB in 3min  
ISI-No blow  
FF-BOB in 4.5min  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.35	97.27	Initial Hydro-static
4	66.64	96.94	Open To Flow (1)
19	235.40	100.19	Shut-In(1)
49	933.74	102.27	End Shut-In(1)
50	253.33	101.95	Open To Flow (2)
109	571.43	105.06	Shut-In(2)
198	935.75	105.90	End Shut-In(2)
201	1569.47	106.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
810.00	Water	6.65
430.00	MCW 70%W 30%M	4.66
10.00	VSOCM 10%O 90%M	0.11

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40327      **DST#: 3**  
Test Start: 2010.08.13 @ 14:24:58

**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:	90000 ppm
Viscosity: 70.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

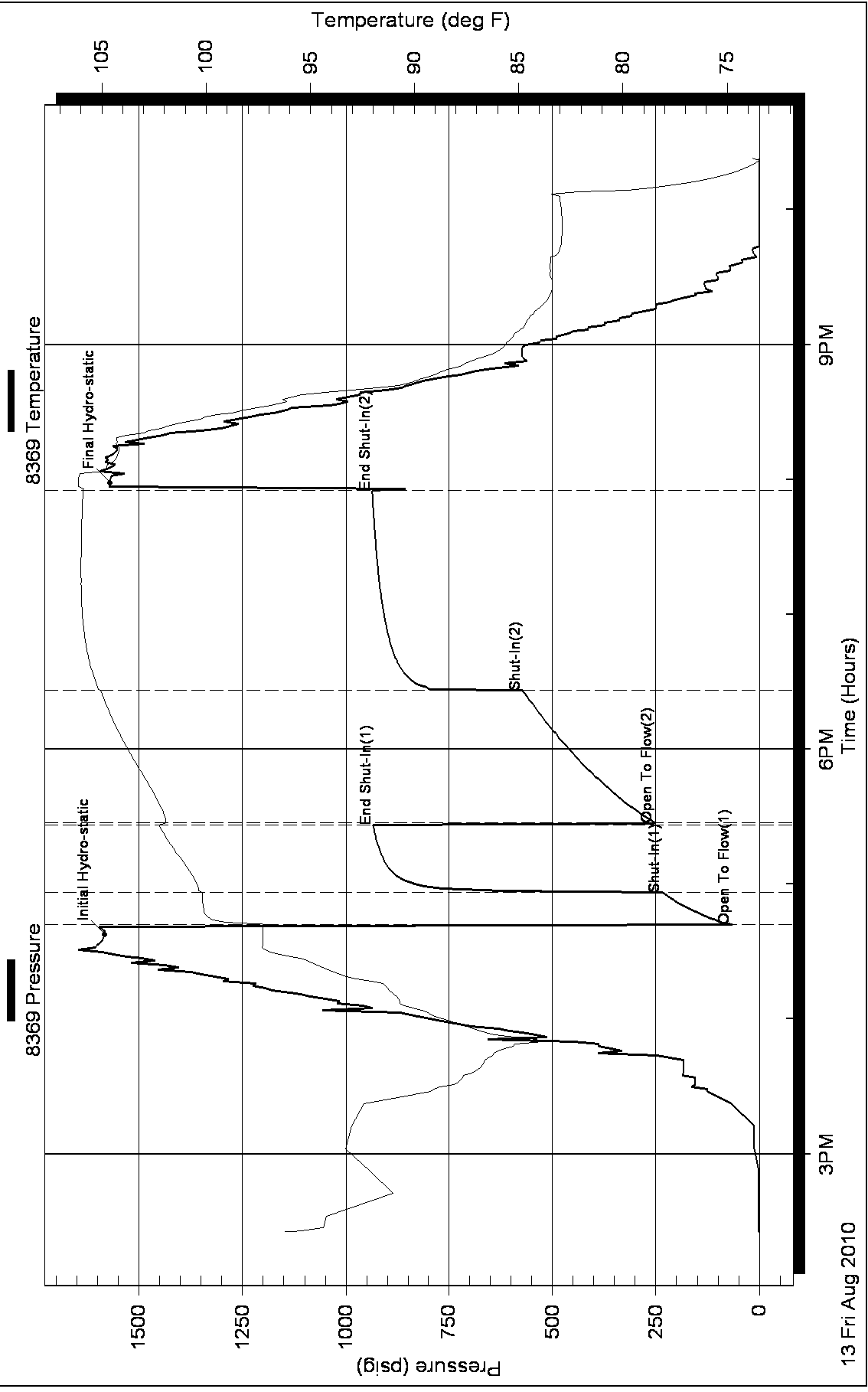
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
810.00	Water	6.647
430.00	MCW 70%W 30%M	4.660
10.00	VSOCM 10%O 90%M	0.108

Total Length: 1250.00 ft      Total Volume: 11.415 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

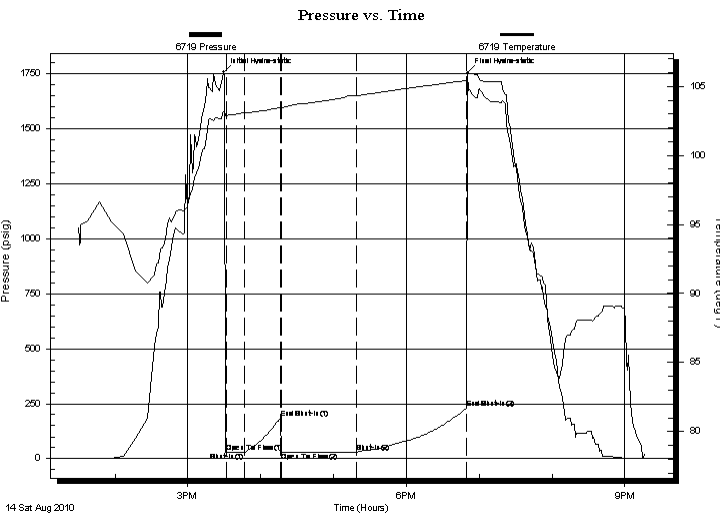
**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40328 **DST#: 4**  
Test Start: 2010.08.14 @ 13:29:48

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 15:31:18  
Time Test Ended: 21:16:48  
Interval: **3506.00 ft (KB) To 3522.00 ft (KB) (TVD)**  
Total Depth: 3522.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole  
Tester: Dustin Rash  
Unit No: 47  
Reference Elevations: 2012.00 ft (KB)  
2002.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6719 Inside**  
Press@RunDepth: 30.34 psig @ 3507.01 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.08.14 End Date: 2010.08.14 Last Calib.: 2010.08.14  
Start Time: 13:29:53 End Time: 21:16:47 Time On Btm: 2010.08.14 @ 15:29:18  
Time Off Btm: 2010.08.14 @ 18:50:18

**TEST COMMENT:** IF-Weak blow . Built to 1 inch. Died off @ 12 minutes.  
ISI-No Return.  
FF-No Blow .  
FSI-No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.59	103.18	Initial Hydro-static
2	29.22	102.90	Open To Flow (1)
18	29.56	103.07	Shut-In(1)
47	186.14	103.46	End Shut-In(1)
48	30.06	103.42	Open To Flow (2)
110	30.34	104.34	Shut-In(2)
200	228.97	105.42	End Shut-In(2)
201	1753.37	106.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%Mud/Skim Oil	0.05

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40328      **DST#: 4**  
Test Start: 2010.08.14 @ 13:29:48

## 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: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

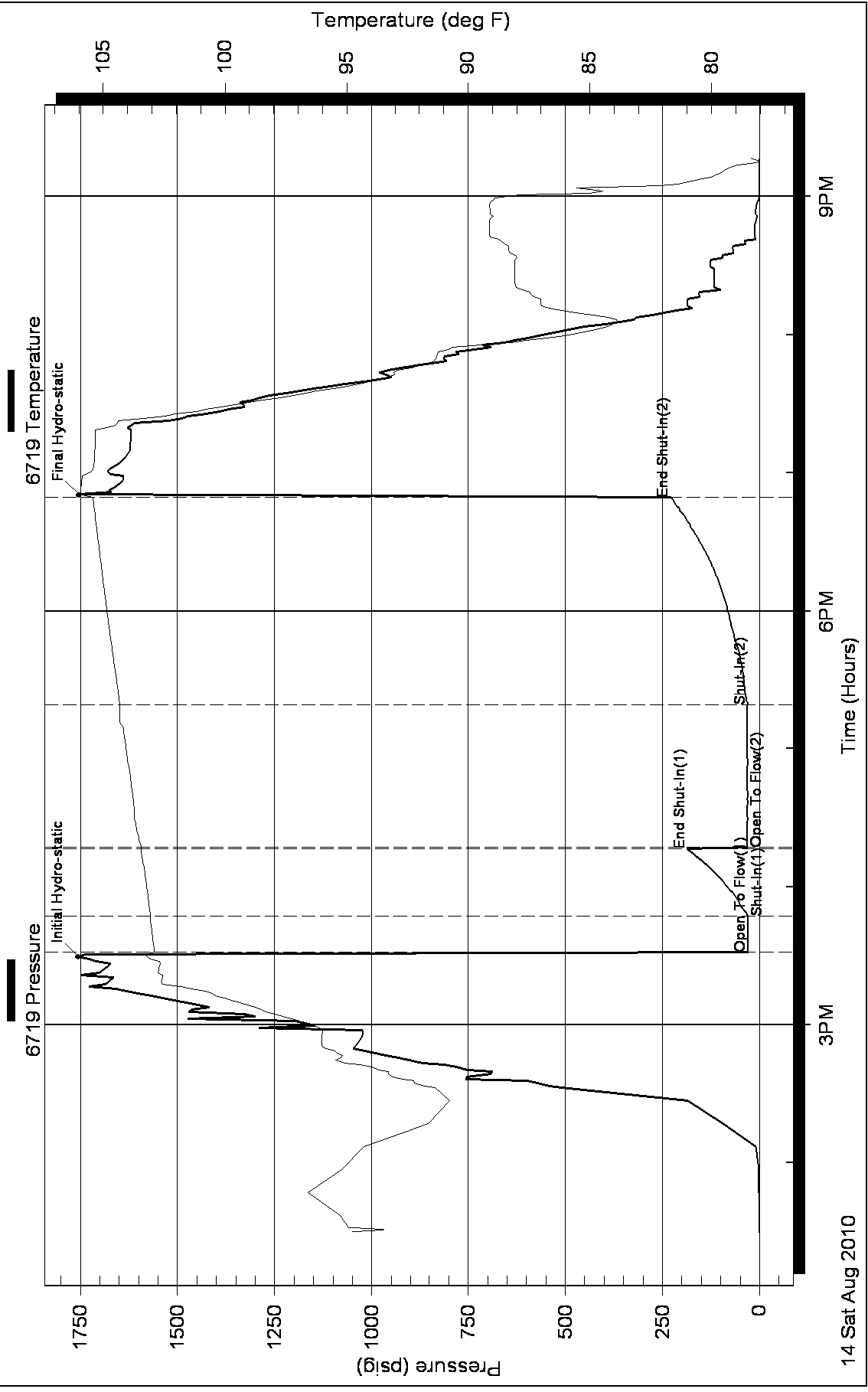
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%Mud/Skim Oil	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

# Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco,LLc  
 PO Box 20380 Wichita Ks  
 67208  
 ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
 Job Ticket: 40329 **DST#: 5**  
 Test Start: 2010.08.15 @ 05:30:20

## GENERAL INFORMATION:

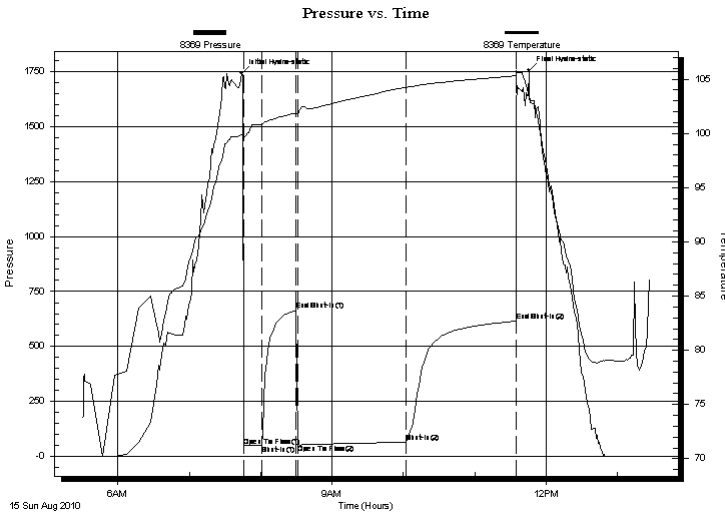
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:45:50  
 Time Test Ended: 13:27:20  
 Interval: **3520.00 ft (KB) To 3531.00 ft (KB) (TVD)**  
 Total Depth: 3531.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole  
 Tester: Dustin Rash  
 Unit No: 47  
 Reference Elevations: 2012.00 ft (KB)  
 2002.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 8369 Outside

Press @ RunDepth: 66.27 psig @ 3521.02 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.15 End Date: 2010.08.15 Last Calib.: 2010.08.15  
 Start Time: 05:30:25 End Time: 13:27:19 Time On Btm: 2010.08.15 @ 07:43:50  
 Time Off Btm: 2010.08.15 @ 11:45:20

TEST COMMENT: IF-Fair building blow . Built to 4 inches.  
 IS-No Return.  
 FF-Weak steady blow . Built to 1 inch.  
 FS-No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1740.43	99.83	Initial Hydro-static
2	49.00	99.61	Open To Flow (1)
17	52.42	100.82	Shut-In(1)
46	664.48	101.87	End Shut-In(1)
47	54.69	101.76	Open To Flow (2)
138	66.27	104.23	Shut-In(2)
231	615.24	105.30	End Shut-In(2)
242	1753.77	103.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	90%Mud/10%Oil	0.15
60.00	80%Mud/20%Oil	0.30
30.00	90%Oil/10%Gas	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco,LLC  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40329      **DST#: 5**  
Test Start: 2010.08.15 @ 05:30:20

## Mud and Cushion Information

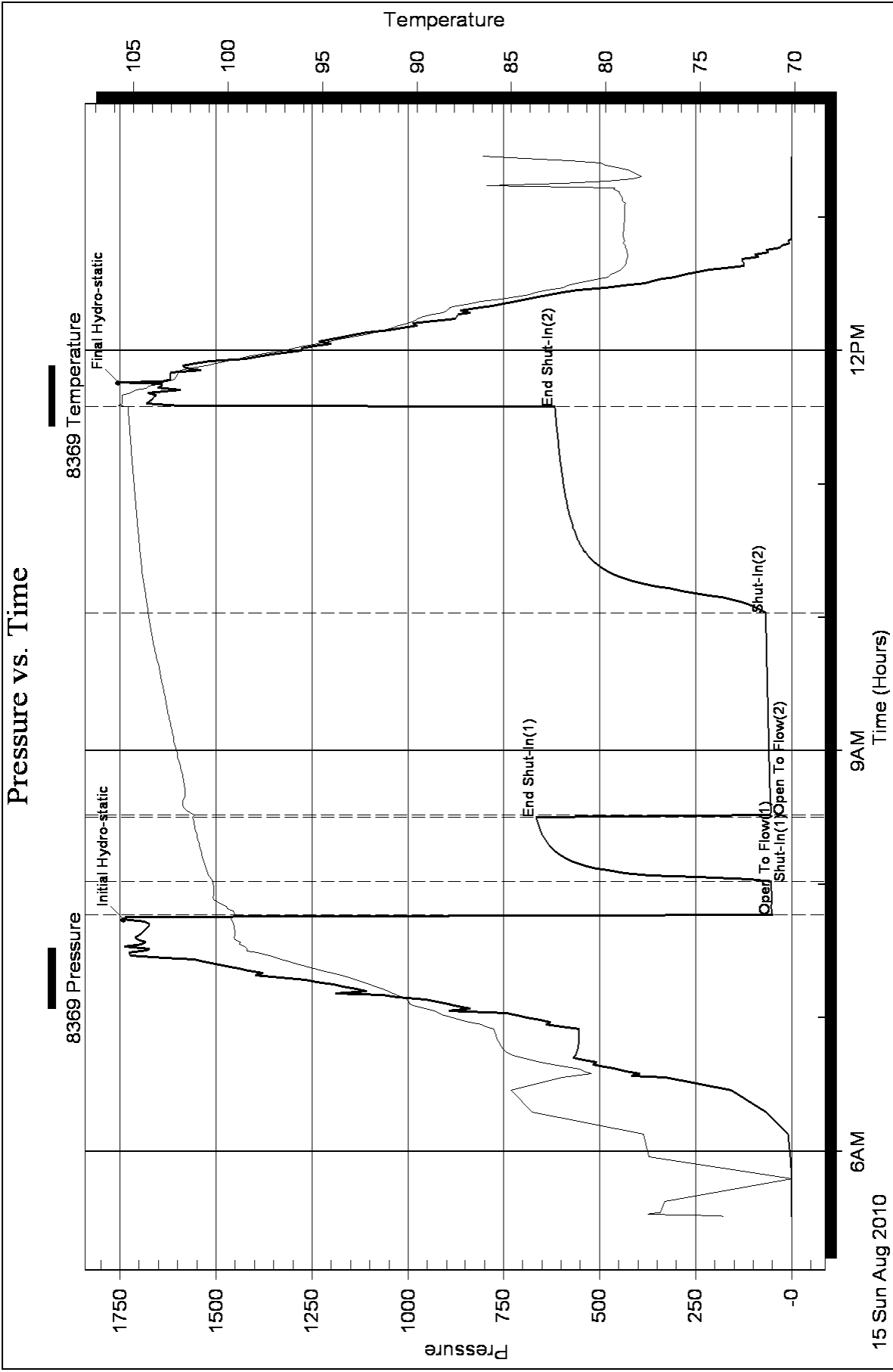
Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7000.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	90%Mud/10%Oil	0.148
60.00	80%Mud/20%Oil	0.295
30.00	90%Oil/10%Gas	0.148

Total Length: 120.00 ft      Total Volume: 0.591 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40330 **DST#: 6**  
Test Start: 2010.08.15 @ 20:32:53

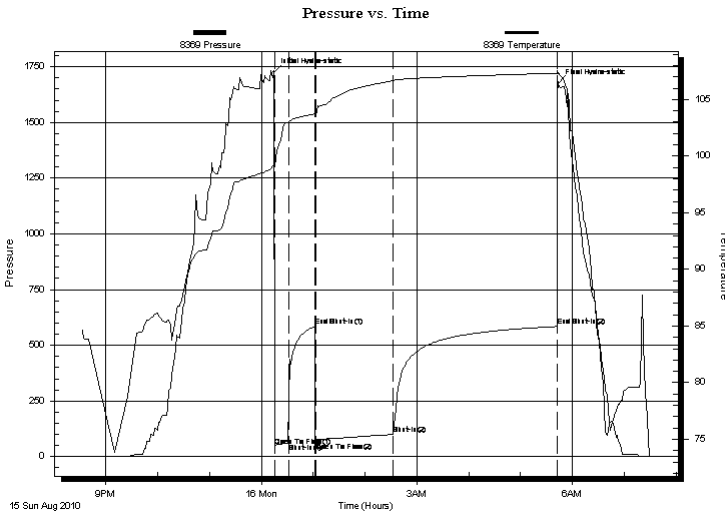
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 00:15:53  
Time Test Ended: 07:30:23  
Interval: **3532.00 ft (KB) To 3542.00 ft (KB) (TVD)**  
Total Depth: 3542.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole  
Tester: Dustin Rash  
Unit No: 47  
Reference Elevations: 2012.00 ft (KB)  
2002.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8369 Outside**  
Press @ RunDepth: 100.09 psig @ 3533.02 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.08.15 End Date: 2010.08.16 Last Calib.: 2010.08.16  
Start Time: 20:32:58 End Time: 07:30:23 Time On Btm: 2010.08.16 @ 00:14:23  
Time Off Btm: 2010.08.16 @ 05:43:53

**TEST COMMENT:** IF-Strong building blow . Built to 4 inches.  
ISI-No Return.  
FF-Weak building blow . Built to 3 inches.  
FSI-No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.96	99.26	Initial Hydro-static
2	47.87	99.02	Open To Flow (1)
17	60.45	102.94	Shut-In(1)
48	584.36	103.72	End Shut-In(1)
48	63.89	103.44	Open To Flow (2)
138	100.09	106.66	Shut-In(2)
328	584.31	107.33	End Shut-In(2)
330	1676.26	107.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	70%Mud/30%Water	0.30
60.00	85%Mud/15%Water	0.30
15.00	85%Mud/15%Oil	0.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco,LLC  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40330      **DST#: 6**  
Test Start: 2010.08.15 @ 20:32:53

## Mud and Cushion Information

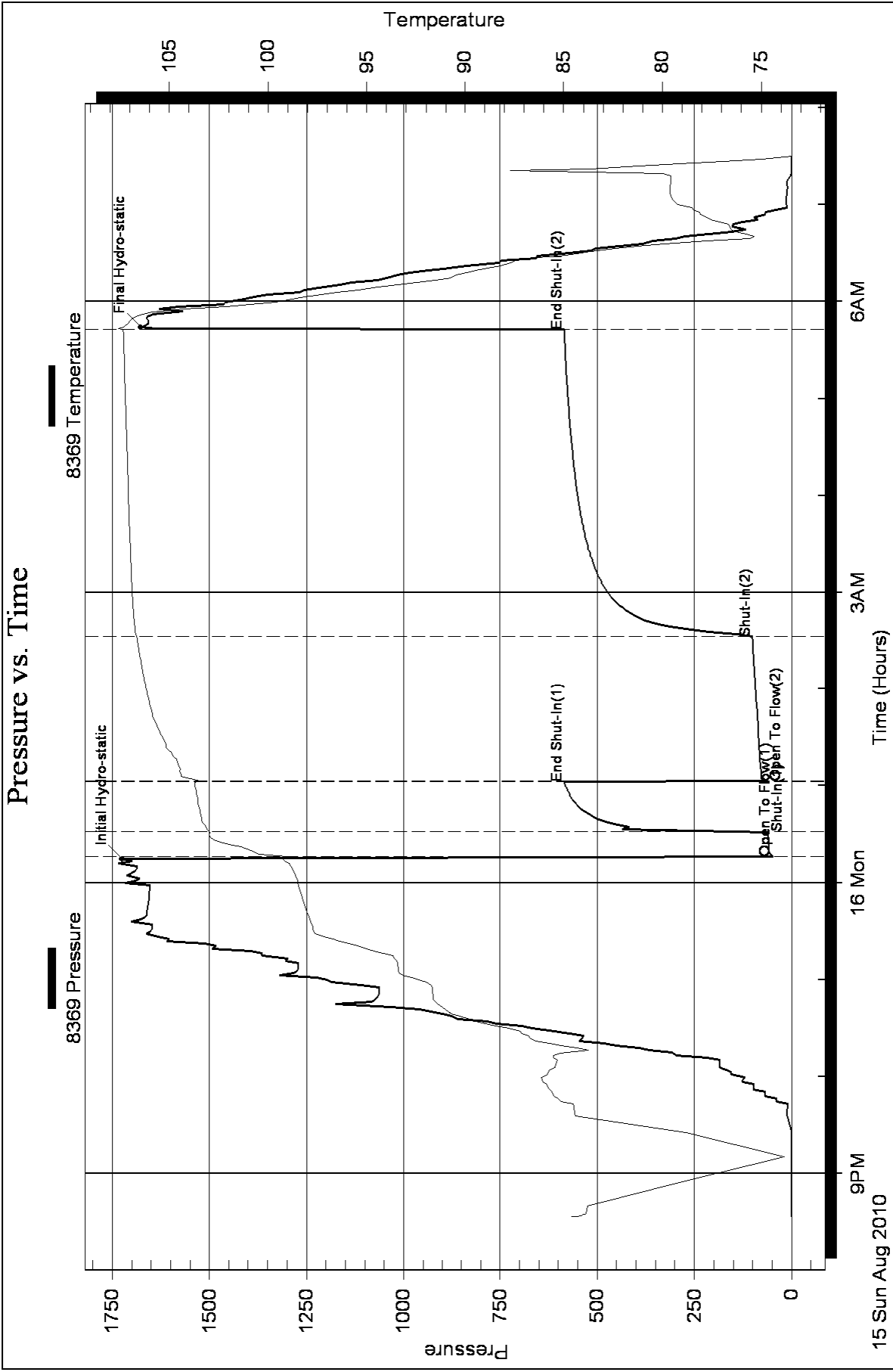
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.27 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	70%Mud/30%Water	0.295
60.00	85%Mud/15%Water	0.295
15.00	85%Mud/15%Oil	0.074

Total Length: 135.00 ft      Total Volume: 0.664 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco,LLc  
 PO Box 20380 Wichita Ks  
 67208  
 ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
 Job Ticket: 40331 **DST#: 7**  
 Test Start: 2010.08.16 @ 12:43:20

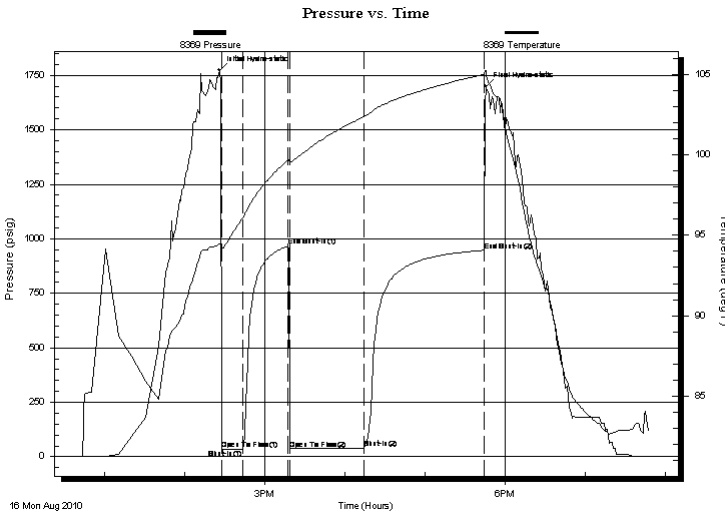
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 14:27:50  
 Tester: Ray Schwager,Dustin  
 Time Test Ended: 19:47:50  
 Unit No: 47  
 Interval: **3548.00 ft (KB) To 3552.00 ft (KB) (TVD)**  
 Reference Elevations: 2012.00 ft (KB)  
 Total Depth: 3552.00 ft (KB) (TVD) 2002.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

**Serial #: 8369 Outside**  
 Press @RunDepth: 39.51 psig @ 3549.02 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.16 End Date: 2010.08.16 Last Calib.: 2010.08.16  
 Start Time: 12:43:25 End Time: 19:47:49 Time On Btm: 2010.08.16 @ 14:25:50  
 Time Off Btm: 2010.08.16 @ 17:45:20

**TEST COMMENT:** IF-Weak building blow . Built to 1.5 inches. Died off to 1 inch.  
 ISI-No Return.  
 FF-No Blow .  
 FSI-No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.82	94.47	Initial Hydro-static
2	33.07	94.20	Open To Flow (1)
18	33.24	96.10	Shut-In(1)
52	965.59	99.68	End Shut-In(1)
53	35.85	99.52	Open To Flow (2)
108	39.51	102.35	Shut-In(2)
198	946.90	104.99	End Shut-In(2)
200	1699.34	105.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%Mud	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco,LLc  
PO Box 20380 Wichita Ks  
67208  
ATTN: Bryan Bynog

**Goetz #C3**  
**3,14s,17w,Ellis Ks**  
Job Ticket: 40331      **DST#: 7**  
Test Start: 2010.08.16 @ 12:43:20

**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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.27 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

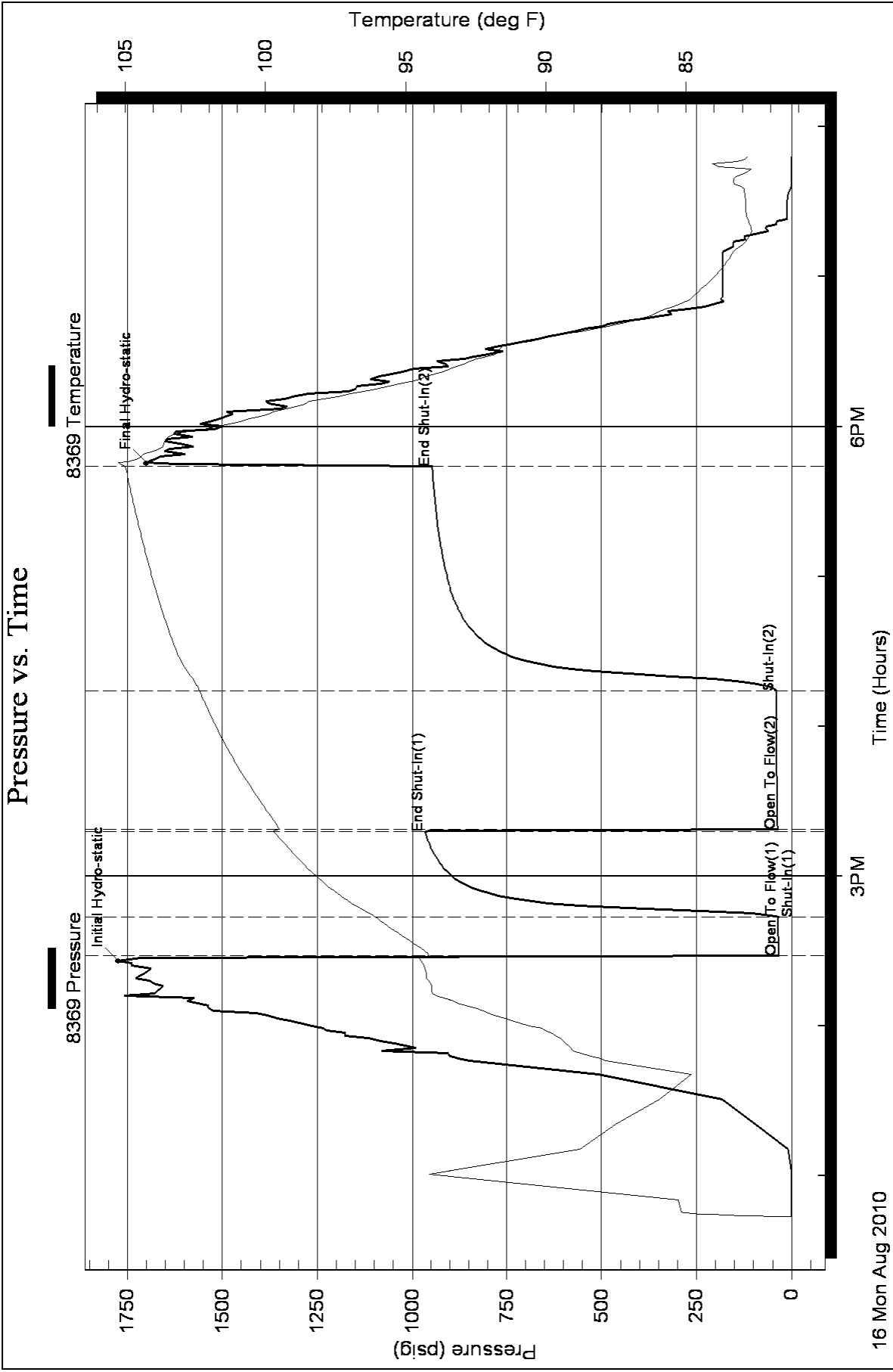
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	100%Mud	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time



**BEREXCO, LLC.  
GOETZ C3  
SWNESESW SECTION 3 14S-17W  
ELLIS COUNTY, KANSAS**

**GEOLOGIST  
WILLIAM B. BYNOG**

## RESUME

OPERATOR: BEREXCO, INC.

WELL NAME & NUMBER: GOETZ C3

LOCATION: SWNESESW SECTION 3 14S-17W

COUNTY: ELLIS

STATE: KANSAS

SPUD DATE: 8-6-2010 COMPLETION DATE: 8-17-2010

ELEVATIONS: GL: 2001' KB: 2012'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG & MICROLOG & DENSITY

WELLSITE ENGINEER: NONE

MUD COMPANY: ANDY'S

MUD TYPE & ENGINEER: FRESH CHEMICAL

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

DRILL STEM TEST COMPANY: TRILOBITE

DRILL STEM TEST: DST#1 3288-3320, DST#2 3315-3340, DST#3 3335-90, DST#4 3506-22, DST#5 3520-31, DST#6 3532-42, DST#7 3548-52

WELL STATUS: SET PRODUCTION PIPE

ANHYDRITE 1188(+824) S      1190(+822) L      GOETZ C3.txt

BASE 1224(+788) S      1228(+784) L

BEREDCO RIG 10 DRILLING 7 7/8 HOLE

GOETZ # C3      SAMPLE DESCRIPTIONS

2800-40 SHALE gray, firm, argillaceous

2840-70 LIMESTONE tan, hard, fossils, poor porosity

2870-2910 SHALE gray green, firm, argillaceous / interbedded LIMESTONE as above

2910-20 LIMESTONE buff, tan, very hard, dense, fossils, crptoxln / thin SHALE as above

2920-80 SHALE gray, green, firm, argillaceous, some silty

3980-95 LIMESTONE tan, hard, fossils, some argillaceous, poor porosity, no shows

2995-10 LIMESTONE tan, very hard, dense, crptoxln

3010-15 SHALE green, gray green, firm, argillaceous

3015-35 LIMESTONE tan, very hard, dense, crpto crystalline / thin SHALE as above

3035-60 LIMESTONE as above / bedded SHALE as above

3060-85 LIMESTONE as above

3085-3115 SHALE green, gray green, some black, firm, carbonaceous / thin bedded  
LIMESTONE buff, tan, hard, fossils, dense

GOETZ C3.txt

3115-40 LIMESTONE buff,tan,very hard,dense, slightly fossils,abundant Chert gray

3140-60 SHALE gray,green,firm,waxy

3160-3210 LIMESTONE buff,tan,very hard, dense,slightly fossils,abundant Chert  
gray,tan / thin SHALE as above

3210-30 LIMESTONE tan,very hard,dense,slightly fossils

3230-50 SHALE black,some green, firm,carbonaceous / thin bedded LIMESTONE as above

3250-70 LIMESTONE buff,very hard,dense, crptoxln

3270-80 SHALE green,some black,firm,argillaceous,slightly carbonaceous

3280-95 LIMESTONE buff,very hard,dense,crptoxln

3395-3300 SHALE as above

3300-20 LIMESTONE white,firm,micro sucrosic,oolites,chalky,good moldic and vuggy  
porosity, spotty to even brown stain,very good cut,faint odor

3320-30 LIMESTONE/GS white,firm,very oolites, good intergrn porosity,spotty to even  
brown stain,very good cut,fair odor,good show free oil

3330-40 LIMESTONE buff,very hard,dense, crptoxln,no shows

3340-45 SHALE green,gray,red,firm, argillaceous

3345-50 LIMESTONE buff,hard,fossils,poor porosity,no shows

3350-60 LIMESTONE/GS white,firm to slightly hard,very oolites, fair to good  
intergran porosity,spotty to even brown stain,good cut and odor,fair show free oil

3360-70 SHALE as above/ LIMESTONE buff,very hard,dense

3370-80 LIMESTONE/GS white,slightly hard,very fossils to oolites,chalky,fair vuggy and intergran porosity,spotty brown stain,good cut and odor,poor show free oil

3380-3400 LIMESTONE buff,very hard,dense

3400-10 SHALE as above

3410-25 LIMESTONE buff,firm,crystalline, granular texture,fossils,poor porosity,no shows

3425-35 SHALE as above

3435-45 LIMESTONE white,buff,micro crystalline,fossils,poor to fair crystalline and poor to poor vuggy porosity,spotty to even stain, fair odor, poor show free oil

3445-55 SHALE as above / thin LIMESTONE dense

3455-65 LIMESTONE white,buff,hard,microcrystalline,slightly fossils,poor to fair crystalline and poor to poor vuggy porosity,spotty brown stain,fair cut and odor,poor show free oil

3465-75 SHALE red,green,soft,very argillaceous

3475-85 LIMESTONE buff,very hard,dense

3485-90 SHALE as above

3490-3515 LIMESTONE buff,very hard,dense/ thin bedded SHALE gray green,green, argillaceous

3515-17 LIMESTONE white,firm,oolites,fair intergran vuggy porosity,spotty stain,good cut and odor,fair show free oil



GOETZ C3.txt

3517-20 DOLOMITE buff,soft,microsuc texture,fair to good crystalline porosity,even brown stain,very good cut and odor,good show free oil/ thin SHALE ble green,firm waxy

3520-30 DOLOMITE AA becoming sucrosic,crse crystalline,good interxln and vuggy porosity,even stain,very good cut and odor,very good show free oil

3530-47 DOLOMITE AA good porosity,even to spotty stain,good cut and odor,fair to good show free oil,abundant pyrite,Chert white

3547-60 DOLOMITE as above firm,fair to good interxln and vuggy porosity,even brown stain,very good cut and odor,very good show free oil/ thin DOLOMITE buff,very hard,dense,no shows

3560-75 DOLOMITE buff,very hard,dense,crpto crystalline,no shows, some microcrystalline,poor to fair porosity,very spotty,fair cut and odor,abundant Chert white

3575-92 DOLOMITE buff,firm,microsuc, fair to good crystalline porosity,no shows becoming chalky, abundant Chert white

RTD 3592

LTD 3600



*Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner*

November 11, 2010

Bruce Meyer  
BEREXCO LLC  
2020 N. BRAMBLEWOOD  
WICHITA, KS 67206-1094

Re: ACO1  
API 15-051-26008-00-00  
Goetz C 3  
SW/4 Sec.03-14S-17W  
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Bruce Meyer