



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: \_\_\_\_\_



1046973

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	BEREXCO LLC
Well Name	Henderson A 4
Doc ID	1046973

Tops

Name	Top	Datum
Anhydrite	1216	+731
Anhydrite (base)	1250	+697
Toprka	2900	-953
Plattsmouth	3086	-1139
Heebner	3124	-1177
Toronto	3144	-1197
Lansing A	3167	-1220
Lansing C	3218	-1271
Lansing E	3240	-1293
Lansing G	3258	-1311
Lansing I	3324	-1377
Lansing K	3360	-1413
Marmaton	3412	-1465
Arbuckle	3478	-1531

# ALLIED CEMENTING CO., LLC. 041925

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell Ks.

DATE <u>8-23-10</u>	SEC. <u>22</u>	TWP. <u>11 S</u>	RANGE <u>18 W</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 AM</u>	JOB FINISH <u>6:00 AM</u>
LEASE <u>Henderson</u>	WELL # <u>A-4</u>	LOCATION <u>Hay's 14 N 1/2 E + S INTO</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Bredco DRLG Rig #10

TYPE OF JOB LONG SURFACE

HOLE SIZE 12 1/4" T.D. 1071'

CASING SIZE 8 5/8 New DEPTH 1069'

TUBING SIZE 2 3/8" DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 40'

CEMENT LEFT IN CSG. 40'

PERFS.

DISPLACEMENT 65.67 BBL

OWNER

CEMENT

AMOUNT ORDERED 42.5 SA 60/40

3% CC

2% GEL

COMMON	<u>255</u>	@	<u>13.50</u>	<u>3442.50</u>
POZMIX	<u>170</u>	@	<u>7.55</u>	<u>1283.50</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE	<u>13</u>	@	<u>51.50</u>	<u>669.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>425</u>	@	<u>2.25</u>	<u>956.25</u>
MILEAGE	<u>10.56/mile</u>			<u>595.00</u>
TOTAL				<u>7,088.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER MIKHA

# 417 HELPER Heath

BULK TRUCK

# 423 DRIVER RICHARD

BULK TRUCK

# DRIVER

REMARKS:

Ran 25 new IT'S OF 8 5/8 2 3/8 CSG.  
Set @ 1069', Load & Circulate ON  
Bottom 15 minutes, Cement w/ 42.5 SA  
60/40 2% GEL, 3% CC, Release plug &  
Displace 65.67 BBL H<sub>2</sub>O Land plug @ 650'  
& Shot in. Cement DID Circulate  
TO SURFACE THANK'S

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 991.00

EXTRA FOOTAGE @

MILEAGE 14 @ 7.00 98.00

MANIFOLD @

TOTAL 1089.00

CHARGE TO: Berexco Inc.

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8 Baffle Plate @ 67.20

Schid Rubber Plug @ 74.00

3-CENTRALIZERS @ 49.00 147.00

TOTAL 288.20

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 [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE [Signature]



# ALLIED CEMENTING CO., LLC. 041868

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell KS

DATE <u>8-30-10</u>	SEC. <u>22</u>	TWP. <u>11</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>	
<u>Henderson "A" LEASE</u>	WELL # <u>4</u>		LOCATION <u>Hays KS 12 North East and</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)			<u>South into.</u>					

CONTRACTOR Beredco Rig #10  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 3555'  
 CASING SIZE 5 1/2 14# DEPTH 3557'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 62.67'  
 CEMENT LEFT IN CSG. 62.67'  
~~Insert~~ Insert @ 3494'  
 DISPLACEMENT 85.25 Bbl

OWNER  
 CEMENT  
 AMOUNT ORDERED 200 Cem 10% Salt 2% Gel  
5# Gilsont / sk 500 Gal WFR-2

EQUIPMENT  
 PUMP TRUCK CEMENTER John Roberts  
 # 417 HELPER Glenn  
 BULK TRUCK  
 # 410 DRIVER Daniel 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		@		
ASC		@		
<u>Sgt</u>	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
<u>Gilsont # 1000</u>		@	<u>1.85</u>	<u>850.00</u>
<u>WFR-2 500</u>		@	<u>1.10</u>	<u>550.00</u>
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>110.56/mile</u>			<u>300.00</u>
TOTAL				<u>5101.00</u>

REMARKS:

Ran 84 jts 5 1/2 14# casing 3557' Est. Circulation and circulate 1 hr. on bottom. Plug Rathole w/ 30 sk cement and mouse hole w/ 20 sk cement. Pump 500 gal WFR-2. Mix 150 sk cement. Displace plug w/ 85 1/4 Bbl H<sub>2</sub>O.  
Land Plug @ 1500 psi  
Float Did Hold!  
Thank you!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1957.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>14</u>	@	<u>7.00</u>	<u>98.00</u>
MANIFOLD		@		
TOTAL				<u>2055.00</u>

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

5 1/2 PLUG & FLOAT EQUIPMENT

<u>AFU Float Shoe</u>	@		<u>214.00</u>
<u>2-Cement Baskets</u>	@	<u>161.00</u>	<u>322.00</u>
<u>12 Turbolizers</u>	@	<u>42.00</u>	<u>504.00</u>
<u>Latch Down Plug</u>	@		<u>164.00</u>
<u>2-limit Clamps</u>	@	<u>27.00</u>	<u>54.00</u>
TOTAL			<u>1258.00</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]



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
 PO 20380  
 Wichita, KS. 67208  
 ATTN: Bryan Bynog

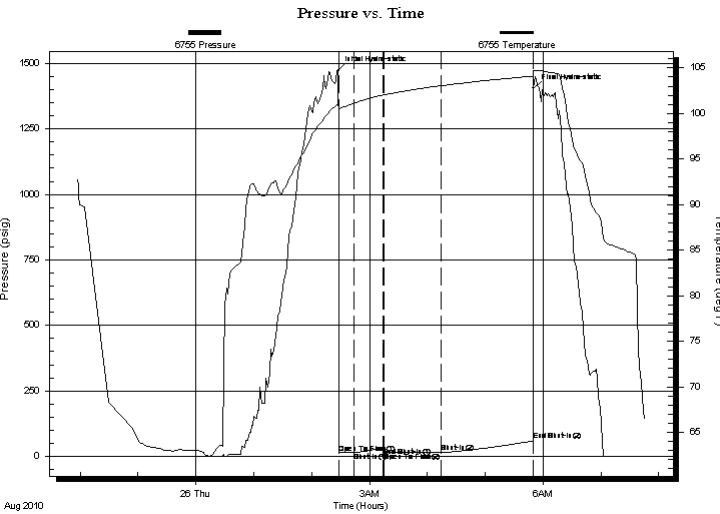
**Henderson A4**  
**22-11s-18w-Ellis**  
 Job Ticket: 39041 **DST#: 1**  
 Test Start: 2010.08.25 @ 21:57:17

## GENERAL INFORMATION:

Formation: **Plattsmouth**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:28:02  
 Time Test Ended: 07:45:32  
 Interval: **3095.00 ft (KB) To 3110.00 ft (KB) (TVD)**  
 Total Depth: 3110.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 1947.00 ft (KB)  
 1936.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6755 Inside**  
 Press @ Run Depth: 15.45 psig @ 3097.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.08.25 End Date: 2010.08.26 Last Calib.: 2010.08.26  
 Start Time: 21:57:19 End Time: 07:45:32 Time On Btm: 2010.08.26 @ 02:27:32  
 Time Off Btm: 2010.08.26 @ 05:50:17

TEST COMMENT: IFP-Intermittant Surface Blow  
 ISI-Dead  
 FFP-Dead  
 FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1471.62	101.07	Initial Hydro-static
1	13.68	100.53	Open To Flow (1)
17	15.51	101.13	Shut-In(1)
47	33.95	102.04	End Shut-In(1)
48	14.19	102.04	Open To Flow (2)
107	15.45	103.05	Shut-In(2)
203	59.49	104.10	End Shut-In(2)
203	1405.10	104.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	OCM-5%O-95%M	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Henderson A4**

PO 20380  
Wichita, KS. 67208

**22-11s-18w-Ellis**

Job Ticket: 39041

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2010.08.25 @ 21:57:17

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	OCM-5%O-95%M	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

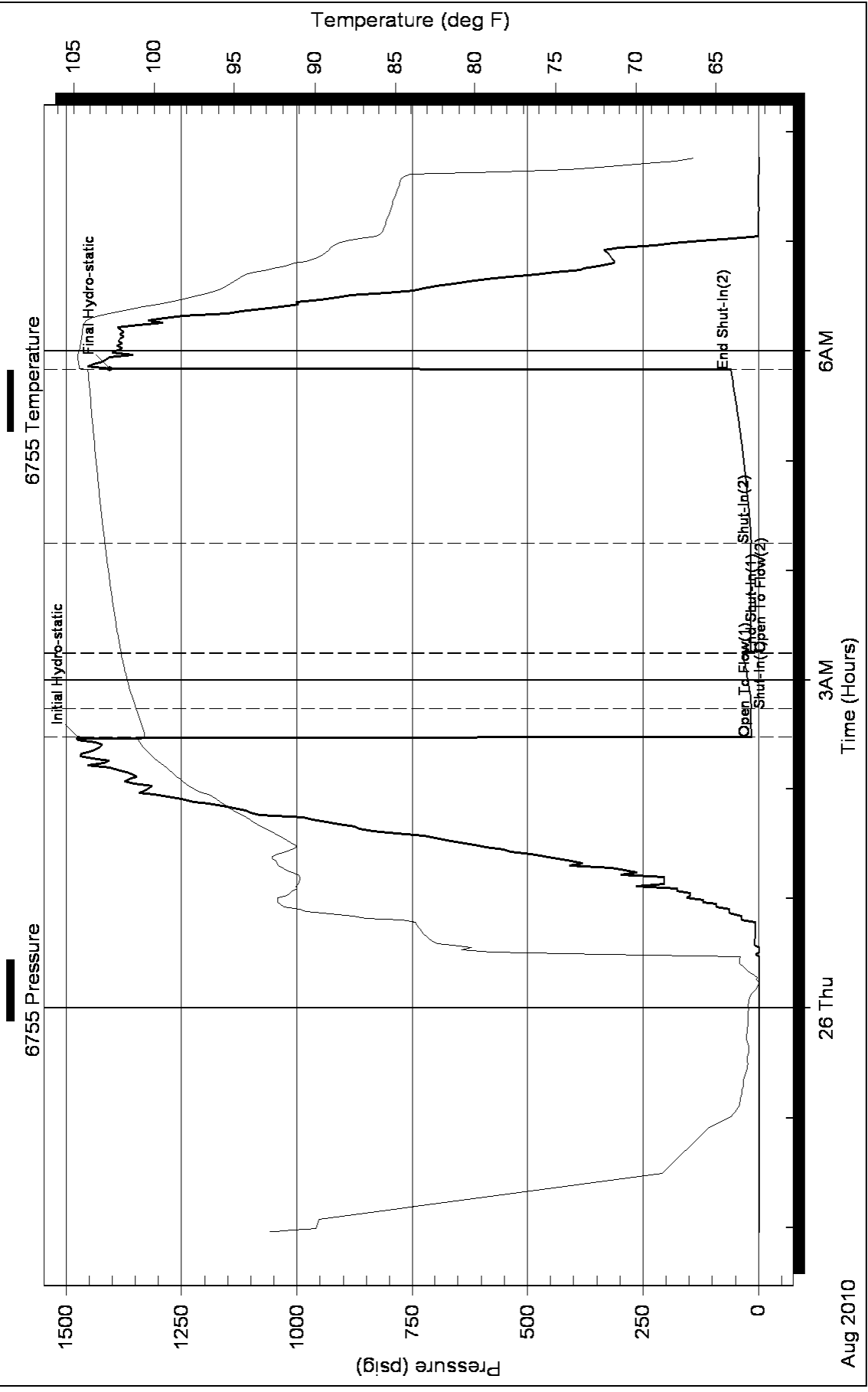
Serial #:

Laboratory Name:

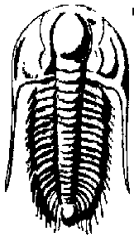
Laboratory Location:

Recovery Comments:

### Pressure vs. Time







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
PO 20380  
Wichita, KS. 67208  
ATTN: Bryan Bynog

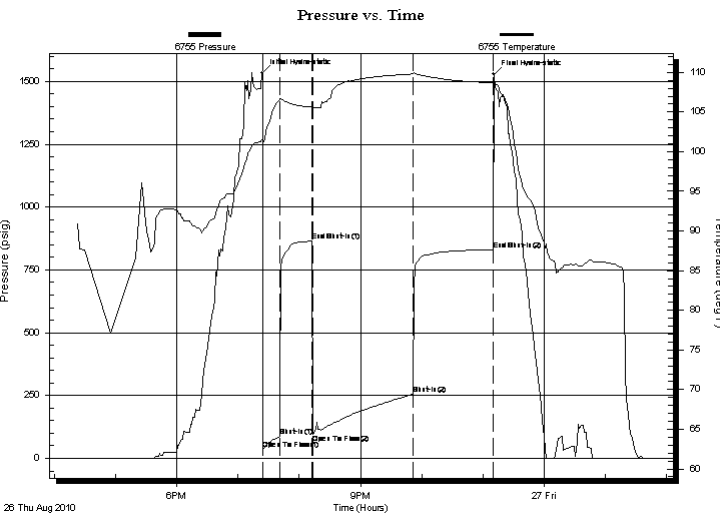
**Henderson A4**  
**22-11s-18w-Ellis**  
Job Ticket: 39042      **DST#: 2**  
Test Start: 2010.08.26 @ 16:22:55

## GENERAL INFORMATION:

Formation: **Lansing "A-B"**  
Deviated: No      Whipstock:      ft (KB)      Test Type: Conventional Bottom Hole  
Time Tool Opened: 19:24:40      Tester: Jason McLemore  
Time Test Ended: 01:38:25      Unit No: 32  
**Interval: 3154.00 ft (KB) To 3210.00 ft (KB) (TVD)**      Reference Elevations: 1947.00 ft (KB)  
Total Depth: 3210.00 ft (KB) (TVD)      1936.00 ft (CF)  
Hole Diameter: 7.80 inches      Hole Condition: Good      KB to GR/CF: 11.00 ft

**Serial #: 6755      Inside**  
Press @ Run Depth: 255.23 psig @ 3189.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.08.26      End Date: 2010.08.27      Last Calib.: 2010.08.27  
Start Time: 16:22:57      End Time: 01:38:25      Time On Btm: 2010.08.26 @ 19:24:10  
Time Off Btm: 2010.08.26 @ 23:10:40

**TEST COMMENT:** IFP-Good Blow ,BOB in 15 Min  
ISI-Dead  
FFP-Good Blow ,BOB in 18 Min.  
FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1533.41	101.54	Initial Hydro-static
1	36.66	100.99	Open To Flow (1)
17	88.52	106.54	Shut-In(1)
49	864.18	105.63	End Shut-In(1)
49	94.52	105.25	Open To Flow (2)
148	255.23	109.82	Shut-In(2)
226	831.19	108.65	End Shut-In(2)
227	1528.69	108.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	Muddy Water-85%W-15%M	1.48
60.00	OCM-10%O-90%M	0.30
150.00	Clean Oil-20%G-80%O	1.35
0.00	60' Gas In Pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco LLC

**Henderson A4**

PO 20380  
Wichita, KS. 67208

**22-11s-18w-Ellis**

Job Ticket: 39042

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2010.08.26 @ 16:22:55

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

78000 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
300.00	Muddy Water-85%W-15%M	1.475
60.00	OCM-10%O-90%M	0.295
150.00	Clean Oil-20%G-80%O	1.353
0.00	60' Gas In Pipe	0.000

Total Length: 510.00 ft

Total Volume: 3.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

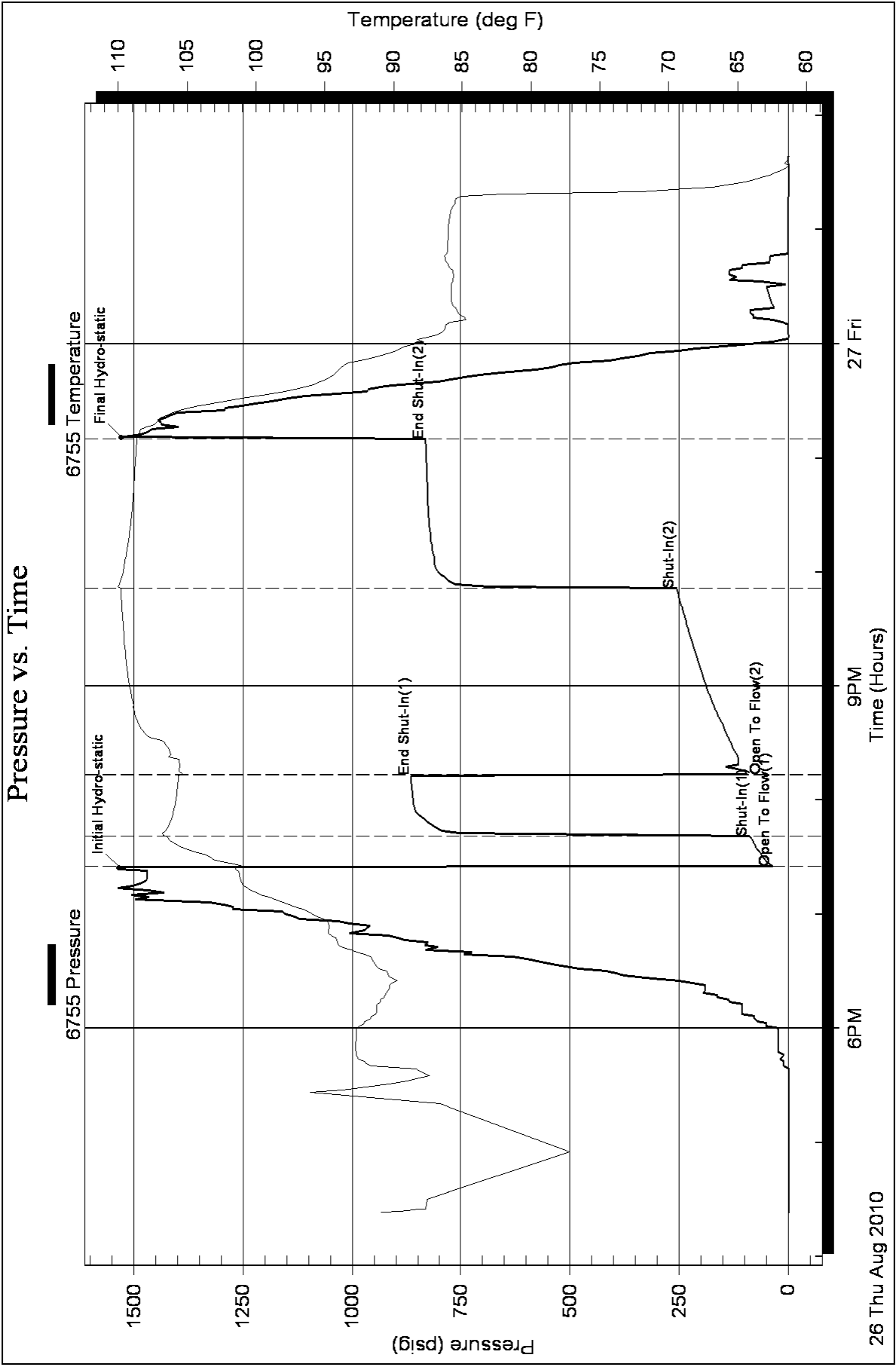
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
PO 20380  
Wichita, KS. 67208  
ATTN: Bryan Bynog

**Henderson A4**  
**22-11s-18w-Ellis**  
Job Ticket: 39043      **DST#: 3**  
Test Start: 2010.08.27 @ 09:39:28

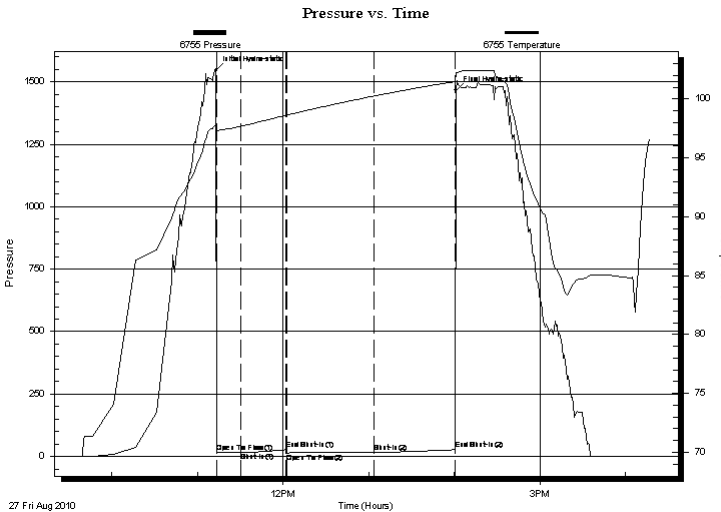
## GENERAL INFORMATION:

Formation: **LKC-"D-E"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 11:13:13  
Time Test Ended: 16:16:58  
Interval: **3225.00 ft (KB) To 3244.00 ft (KB) (TVD)**  
Total Depth: 3244.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32  
Reference Elevations: 1947.00 ft (KB)  
1936.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 6755      Inside**  
Press @ Run Depth: 15.05 psig @ 3227.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.08.27      End Date: 2010.08.27      Last Calib.: 1899.12.30  
Start Time: 09:39:30      End Time: 16:16:58      Time On Btm: 2010.08.27 @ 11:12:58  
Time Off Btm: 2010.08.27 @ 14:00:58

**TEST COMMENT:** IFP-Weak Surface Blow ,Died in 10 Min.  
ISI-Dead  
FFP-Dead  
FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1545.25	97.78	Initial Hydro-static
1	15.26	97.15	Open To Flow (1)
18	15.47	97.69	Shut-In(1)
50	27.02	98.62	End Shut-In(1)
50	13.52	98.63	Open To Flow (2)
111	15.05	100.25	Shut-In(2)
168	26.87	101.49	End Shut-In(2)
168	1465.80	102.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud W/Oil Specks	0.00

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Henderson A4**

PO 20380  
Wichita, KS. 67208

**22-11s-18w-Ellis**

Job Ticket: 39043

**DST#: 3**

ATTN: Bryan Bynog

Test Start: 2010.08.27 @ 09:39:28

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud W/Oil Specks	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

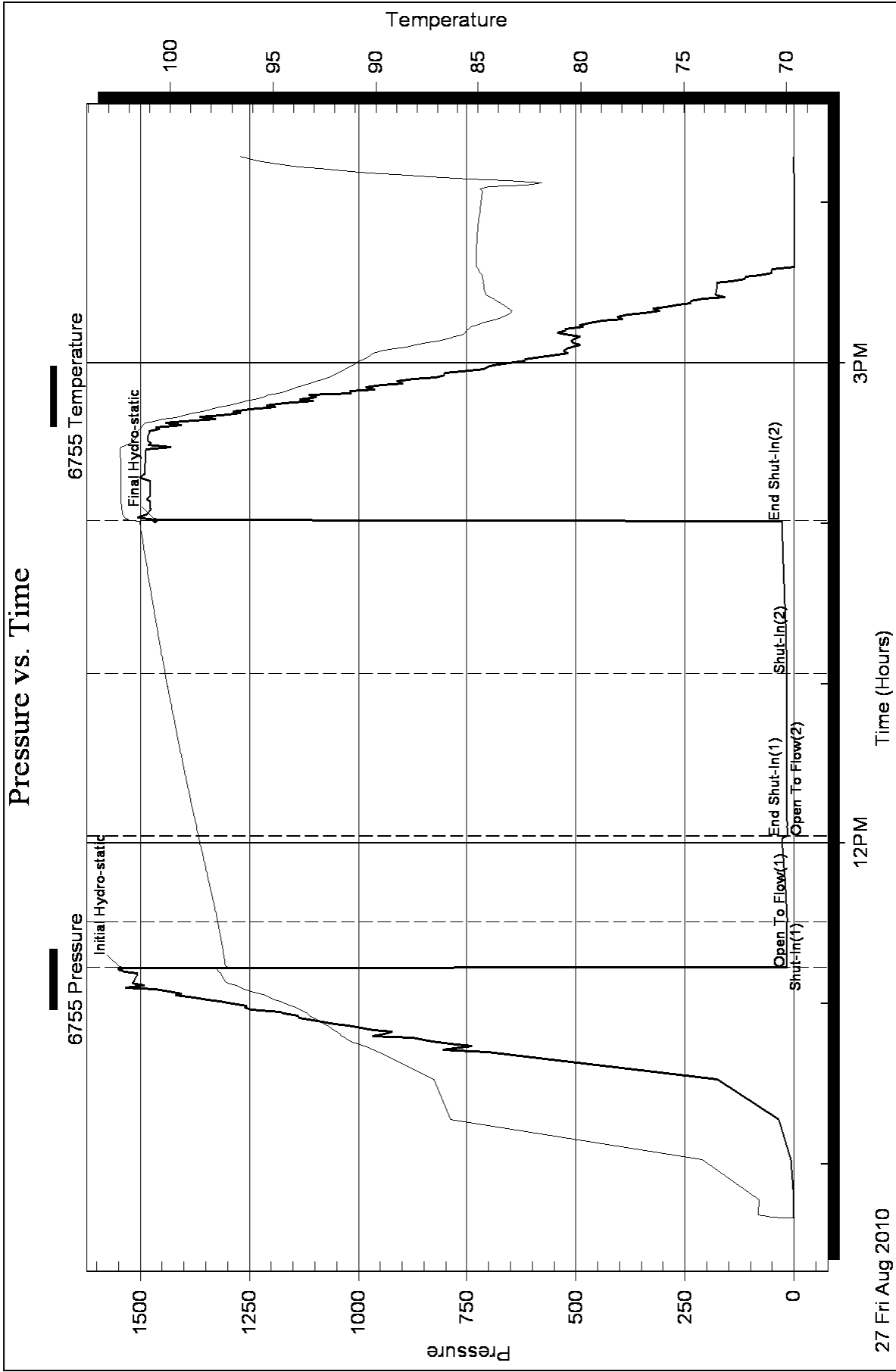
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
 PO 20380  
 Wichita, KS. 67208  
 ATTN: Bryan Bynog

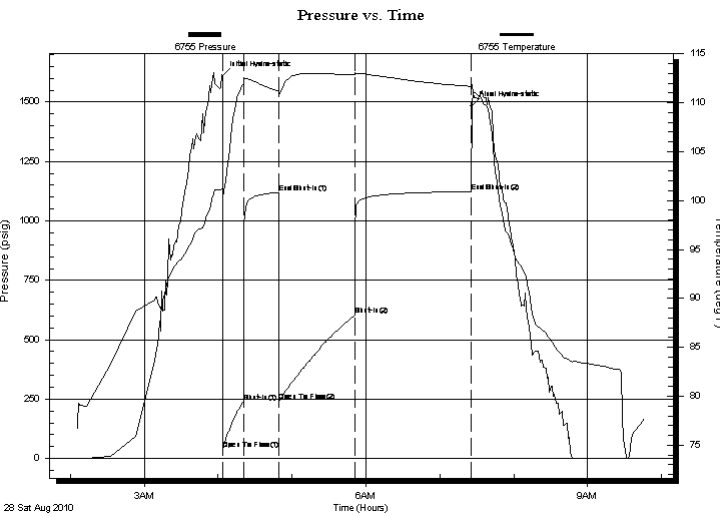
**Henderson A4**  
**22-11s-18w-Ellis**  
 Job Ticket: 39044 **DST#: 4**  
 Test Start: 2010.08.28 @ 02:05:59

## GENERAL INFORMATION:

Formation: **I**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **04:03:59** Tester: **Jason McLemore**  
 Time Test Ended: **09:46:44** Unit No: **32**  
**Interval: 3310.00 ft (KB) To 3330.00 ft (KB) (TVD)** Reference Elevations: **1947.00 ft (KB)**  
 Total Depth: **3330.00 ft (KB) (TVD)** **1936.00 ft (CF)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Good** KB to GR/CF: **11.00 ft**

**Serial #: 6755** **Inside**  
 Press @ Run Depth: **603.11 psig @ 3312.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.08.28** End Date: **2010.08.28** Last Calib.: **2010.08.28**  
 Start Time: **02:06:01** End Time: **09:46:44** Time On Btm: **2010.08.28 @ 04:03:44**  
 Time Off Btm: **2010.08.28 @ 07:25:59**

**TEST COMMENT:** IFP-Strong, BOB in 3-1/2 Min.  
 ISI-Surface Blow back Throughout  
 FFP-Strong, BOB in 5 Min.  
 FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.95	101.24	Initial Hydro-static
1	38.94	100.40	Open To Flow (1)
17	239.04	111.92	Shut-In(1)
46	1119.80	111.19	End Shut-In(1)
46	240.97	110.82	Open To Flow (2)
108	603.11	112.86	Shut-In(2)
202	1123.72	111.67	End Shut-In(2)
203	1484.45	111.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
960.00	V SOCW-1%O-99%W	9.77
120.00	HOCW-30%O-70%W	1.68
120.00	Clean Oil	1.68

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Henderson A4**

PO 20380  
Wichita, KS. 67208

**22-11s-18w-Ellis**

Job Ticket: 39044

**DST#: 4**

ATTN: Bryan Bynog

Test Start: 2010.08.28 @ 02:05:59

## 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:

140000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.09 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
960.00	VSOCW-1%O-99%W	9.768
120.00	HOCW-30%O-70%W	1.683
120.00	Clean Oil	1.683

Total Length: 1200.00 ft      Total Volume: 13.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

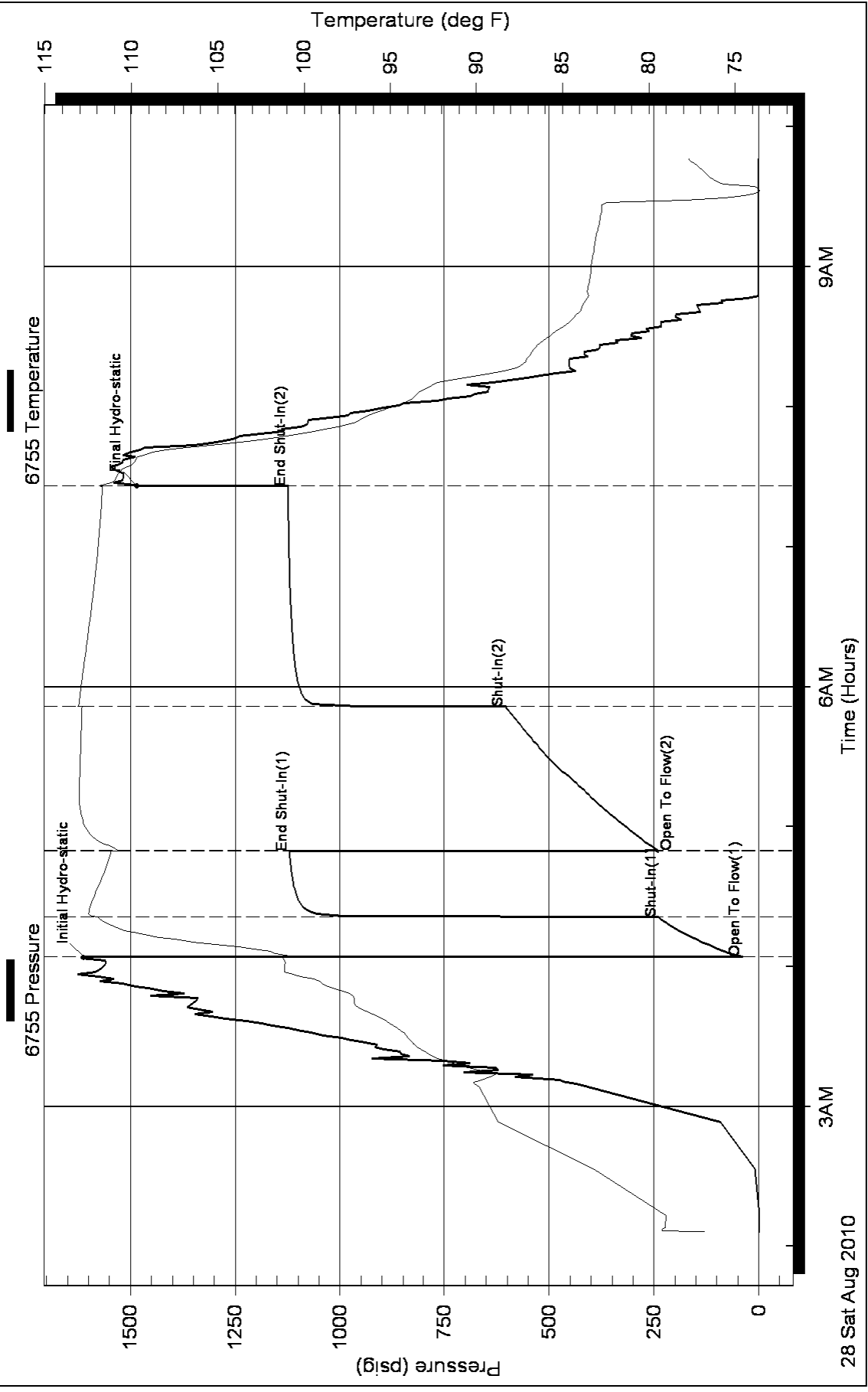
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**Henderson A4**

PO 20380  
Wichita, KS. 67208

**22-11s-18w-Ellis**

Job Ticket: 39045

**DST#: 5**

ATTN: Bryan Bynog

Test Start: 2010.08.29 @ 02:28:52

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.09 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	MCO-60%O-40%M	1.180
2100.00	Clean Oil	27.945

Total Length: 2340.00 ft      Total Volume: 29.125 bbl

Num Fluid Samples: 0

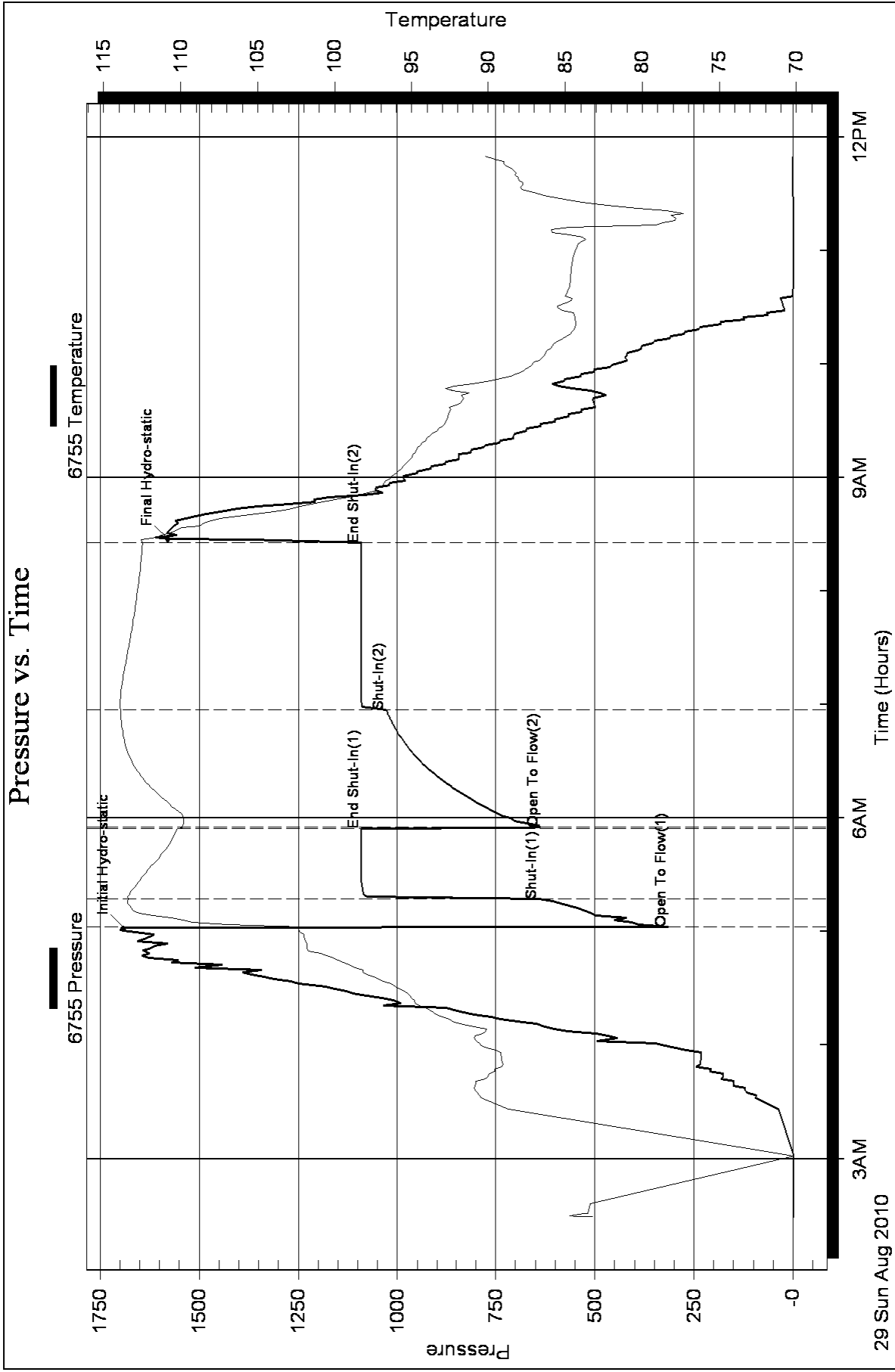
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





LITHOLOGY STRIP LOG  
WellSight Systems

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

Well Name: HENDERSON A4  
Location: NWSWNE  
License Number: 15-051-26021  
Spud Date: 8-22-2010  
Surface Coordinates: 1650' FNL & 2310' FWL

Region: MIDCONTINENT  
Drilling Completed: 8-30-2010

Bottom Hole Coordinates:

Ground Elevation (ft): 1936 K.B. Elevation (ft): 1947  
Logged Interval (ft): 2700 To: 3555 Total Depth (ft): 3555  
Formation: LANSING/KC, ARBUCKLE  
Type of Drilling Fluid: FRESH 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

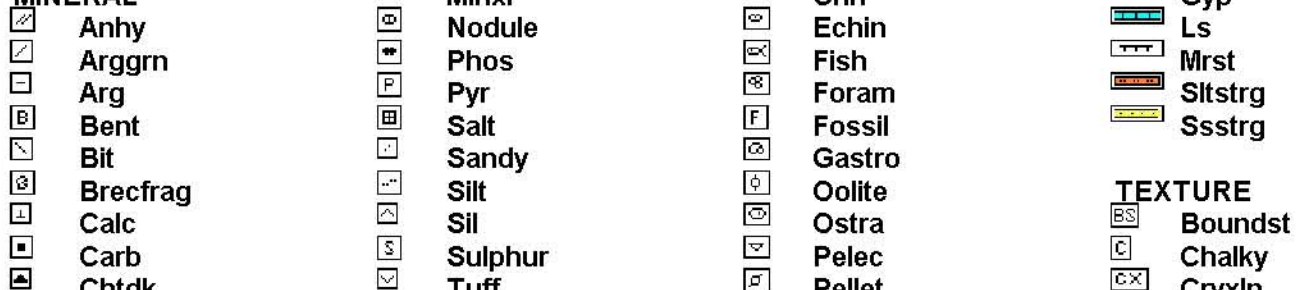
Cores

DSTs

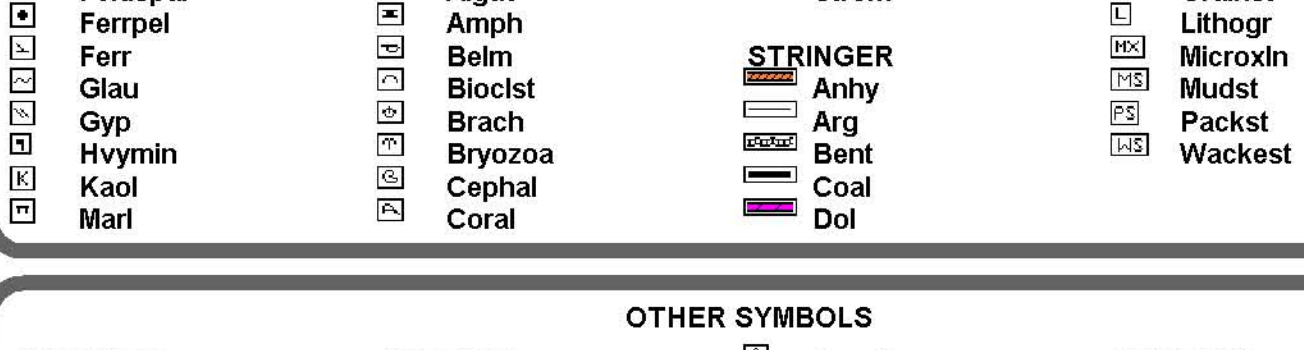
DST#1 3095-3113, DST#2 3154-3210, DST#3 3225-44, DST#4 3310-30, DST#5 3392-3480

Comments

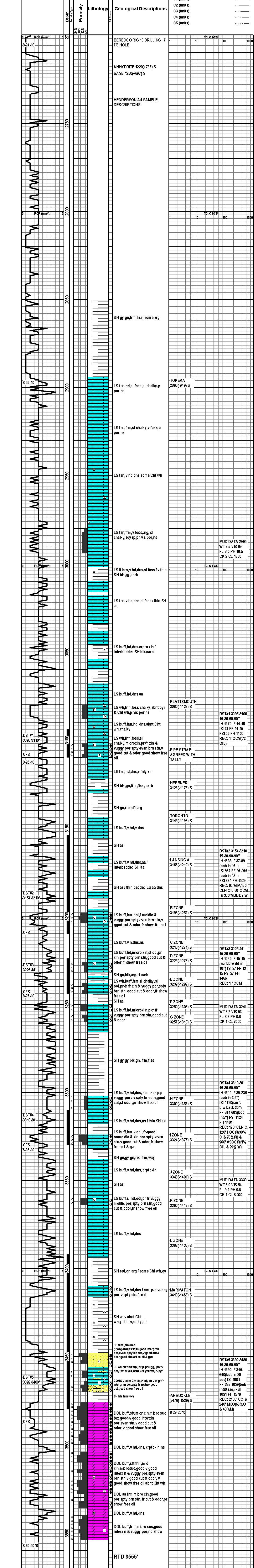
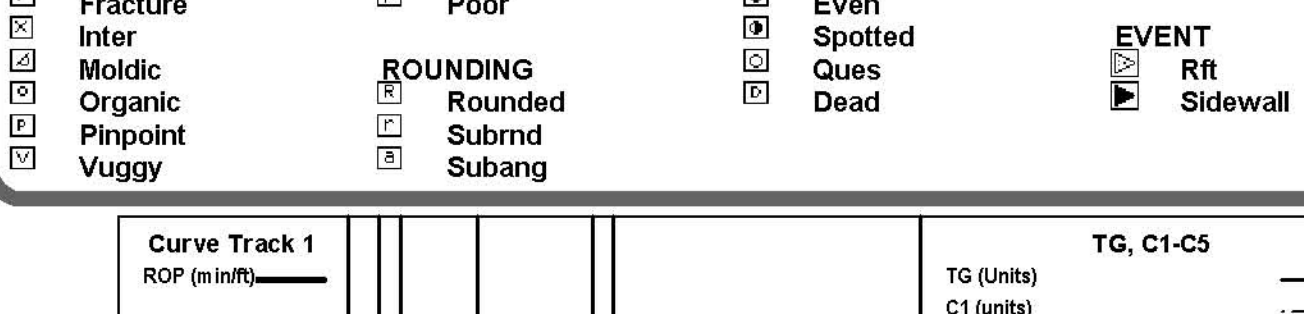
ROCK TYPES



ACCESSORIES



OTHER SYMBOLS



RTD 3555'



**BEREXCO, LLC.  
HENDERSON A4  
NWSWNE SECTION 22 11S-18W  
ELLIS COUNTY, KANSAS**

**GEOLOGIST  
WILLIAM B. BYNOG**

## RESUME

OPERATOR: BEREXCO, INC.

WELL NAME & NUMBER: HENDERSON A4

LOCATION: NWSWNE SECTION 22 11S-18W

COUNTY: ELLIS

STATE: KANSAS

SPUD DATE: 8-22-2010 COMPLETION DATE: 8-30-2010

ELEVATIONS: GL: 1936' KB: 1947'

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 3095-3113, DST#2 3154-3210,  
DST#3 3225-44, DST#4 3310-30, DST# 5  
3392-3480

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



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 15, 2010

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

Re: ACO1  
API 15-051-26021-00-00  
Henderson A 4  
NE/4 Sec.22-11S-18W  
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