

**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: Bruce Meyer  
Phone: ( 316 ) 265-3311  
CONTRACTOR: License # 34317  
Name: BEREDCO LLC  
Wellsite Geologist: William B. Bynog  
Purchaser: Central Crude Corporation

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

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

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>09/13/2010</u>	<u>09/22/2010</u>	<u>11/24/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-195-22681-00-00

Spot Description: \_\_\_\_\_  
NE SW SW SE Sec. 13 Twp. 11 S. R. 23  East  West  
515 Feet from  North /  South Line of Section  
2274 Feet from  East /  West Line of Section

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

County: Trego

Lease Name: Advent Well #: 1

Field Name: Wakeeney East

Producing Formation: Marmaton

Elevation: Ground: 2279 Kelly Bushing: 2290

Total Depth: 3960 Plug Back Total Depth: 3930

Amount of Surface Pipe Set and Cemented at: 279 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1790 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: 23000 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporated

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: 01/05/2011  
 Confidential Release Date: 01/04/2013  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 01/06/2011

Operator Name: BEREXCO LLC Lease Name: Advent Well #: 1  
 Sec. 13 Twp. 11 S. R. 23  East  West County: Trego

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Radiation Guard Log Microresistivity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name Attached</td> <td style="width:20%;">Top Attached</td> <td style="width:20%;">Datum Attached</td> </tr> </table>	Name Attached	Top Attached	Datum Attached
Name Attached	Top Attached	Datum Attached		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	279	Common	200	2%gel, 3%CC
Production	7.875	5.50	14	3960	Common	200	10% salt
D-V Tool	7.875	5.50	14	1790	Lite	400	2%salt, 1/4#floseal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
3	3878 - 3890 & 3893 - 3898	1250 gals 15% NEFE-HCL & 76 balls	3878-3890 & 3893-3898
		3595 bbls slick wtr & 66900# sand	3878-3890 & 3893-3898

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3849</u> Packer At: <u>no pkr</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR. <u>11/24/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____										
Estimated Production Per 24 Hours	<table style="width:100%; border: none;"> <tr> <td style="width:25%;">Oil Bbls.</td> <td style="width:25%;">Gas Mcf</td> <td style="width:25%;">Water Bbls.</td> <td style="width:25%;">Gas-Oil Ratio</td> <td style="width:20%;">Gravity</td> </tr> <tr> <td style="text-align: center;">11</td> <td style="text-align: center;">0</td> <td style="text-align: center;">117</td> <td></td> <td style="text-align: center;">33</td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	11	0	117		33
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity							
11	0	117		33							

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3878-3898</u>
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Advent 1
Doc ID	1048881

Tops

Tops		
Anhydrite	1746	+544
Anhydrite (base)	1790	+500
Topeka	3284	-944
Plattsmouth	3468	-1178
Heebner	3500	-1210
Toronto	3528	-1238
Lansing A	3542	-1252
Marmaton	3864	-1574
Conglomerate	3932	-1642



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

January 04, 2011

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

Re: ACO1  
API 15-195-22681-00-00  
Advent 1  
SE/4 Sec.13-11S-23W  
Trego 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

# ALLIED CEMENTING CO., LLC. 041986

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

SERVICE POINT:  
Russell KS

DATE <u>9-14-10</u>	SEC. <u>13</u>	TWP. <u>11</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30am</u>	JOB FINISH <u>3:00am</u>
LEASE <u>Advent</u>	WELL # <u>1</u>		LOCATION <u>Wakeeney Hixon Rd &amp; East</u>		COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>4 North Curve East North into</u>				

CONTRACTOR Beredco Rig #10

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 279'

CASING SIZE 8 5/8 DEPTH 279'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 16 3/4 Bbl

EQUIPMENT

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 200 com 3% cc 2% Gel

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>500</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>.104/sk/mile</u>			<u>600.00</u>
TOTAL				<u>4191.50</u>

REMARKS:

Est Circulation

Mix 200 sk cement

Displace plug w/ 16 3/4 Bbl

Cement Did Circulate!

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 991.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 30 @ 7.00 210.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1201.00

CHARGE TO: Berexco LLC

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

	@	
<u>8 5/8 Wooden Plug</u>	@	<u>N-C</u>
	@	
	@	

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., LLC. 041951

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

SERVICE POINT:  
Russell Ks.

DATE <u>9-23-10</u>	SEC. <u>13</u>	TWP. <u>11 S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>ADVENT</u>	WELL # <u>/</u>	LOCATION <u>Wakeney 2E 4N 1/2 E 1/4 N</u>			COUNTY <u>Trego</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR BRECO DRLG Rig # 10

TYPE OF JOB PRODUCTION STAGING (2 STAGE D-V)

HOLE SIZE 7 7/8 T.D. 3964

CASING SIZE 5 1/2 DEPTH 3962

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

~~DRILL~~ PIPE LATCH DN. Plug @ DEPTH @ 3901

TOOL 2 STAGE TOOL @ DEPTH @ 1790

PRES. MAX 1500 # MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 64.17

CEMENT LEFT IN CSG. 64.17

PERFS. \_\_\_\_\_

DISPLACEMENT 95 3/4 / BBL 43 3/4 / BBL

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 200s Com 10% SALT 2 1/2 GEL

450s Lite w/ 1/4 # FLO-SEAL FOR SX

500 GAL - WFR-2 FLUSH

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		@		
Salt	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
Lite	<u>450</u>	@	<u>11.85</u>	<u>5322.50</u>
Flo Seal	<u>112 #</u>	@	<u>2.45</u>	<u>274.40</u>
WFR-2	<u>500 gal</u>	@	<u>1.10</u>	<u>550.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>650</u>	@	<u>2.25</u>	<u>1462.50</u>
MILEAGE	<u>.10 / sk / mile</u>			<u>1950.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Chann

# 417 HELPER Heath

BULK TRUCK

# 378 DRIVER Ron

BULK TRUCK

# 481 DRIVER Dan

REMARKS:

REN 95 JTS OF NEW 1 1/4 # CSG SET @ 3962'

CIRCULATE 1 HR ON BOTTOMS. MIX 200SX CEMENT,

CLEAR LINE, & RELEASE LATCH DN. Plug. Displaced

95 3/4 BBL LAND Plug @ 1500 #. (HELD). DROP

@ OPENING DART. & OPEN DV TOOL @ 1200 #

CIRCULATE BETWEEN STAGES 1 HR. CEMENT

w/ 400SX LITE, RELEASE TOP HOLE. Plug &

DISPLACED 43 3/4 BBL LAND Plug @ 1500 # &

CLOSED D-V TOOL. (HELD) (CEMENT DID

CIRCULATE TO SURFACE)

CHARGE TO: Berenco Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1957.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>2167.00</u>

PLUG & FLOAT EQUIPMENT

1 - LATCH DN. Plug ASSY	<u>164.00</u>		<u>N-C</u>
2 - Limit Clamps	@ <u>27.00</u>		<u>54.00</u>
14 - TURBO-CENTRALIZERS	@ <u>42.00</u>		<u>588.00</u>
3 - BASKETS	@ <u>161.00</u>		<u>483.00</u>
1 - Float Shoe	@		<u>214.00</u>

20SX @ Mouse Hole

30SX @ RAT Hole

CEMENT DID CIRCULATE TO SURFACE

STATE REP. MARVIN MILLS ON LOCATION (Kee)

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38522

**DST#: 1**

ATTN: Bruce Meyer

Test Start: 2010.09.17 @ 07:02:06

## GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:16:36

Time Test Ended: 14:57:36

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 28

Interval: **3460.00 ft (KB) To 3480.00 ft (KB) (TVD)**

Reference Elevations: 2290.00 ft (KB)

Total Depth: 3480.00 ft (KB) (TVD)

2279.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8654**

**Inside**

Press@RunDepth: 57.77 psig @ 3463.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.17

End Date:

2010.09.17

Last Callb.:

2010.09.17

Start Time: 07:02:07

End Time:

14:57:36

Time On Btm:

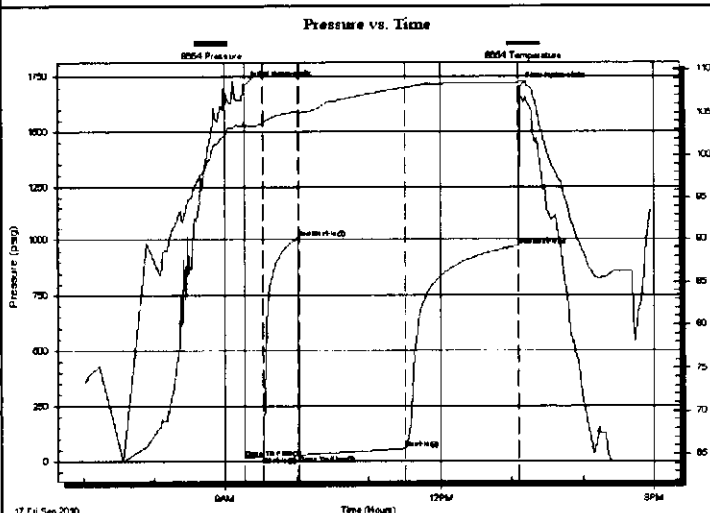
2010.09.17 @ 09:16:06

Time Off Btm:

2010.09.17 @ 13:06:36

## TEST COMMENT:

FFP-Weak Surface blow  
FSI-Dead no blow back  
FFP-Weak blow built to 2 in  
FSI-Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.11	103.90	Initial Hydro-static
1	16.68	102.88	Open To Flow (1)
16	25.82	103.80	Shut-In(1)
45	1006.98	105.10	End Shut-In(1)
46	27.02	104.70	Open To Flow (2)
135	57.77	107.90	Shut-In(2)
230	972.95	108.47	End Shut-In(2)
231	1701.39	108.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	WCOM 2%O38%W60%M	0.15
60.00	MV with a scum of oil 25%M75%W	0.30

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38522

**DST#: 1**

ATTN: Bruce Meyer

Test Start: 2010.09.17 @ 07:02:06

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	WCOM 2%O38%W60%M	0.148
60.00	MV with a scum of oil 25%M75%W	0.295

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

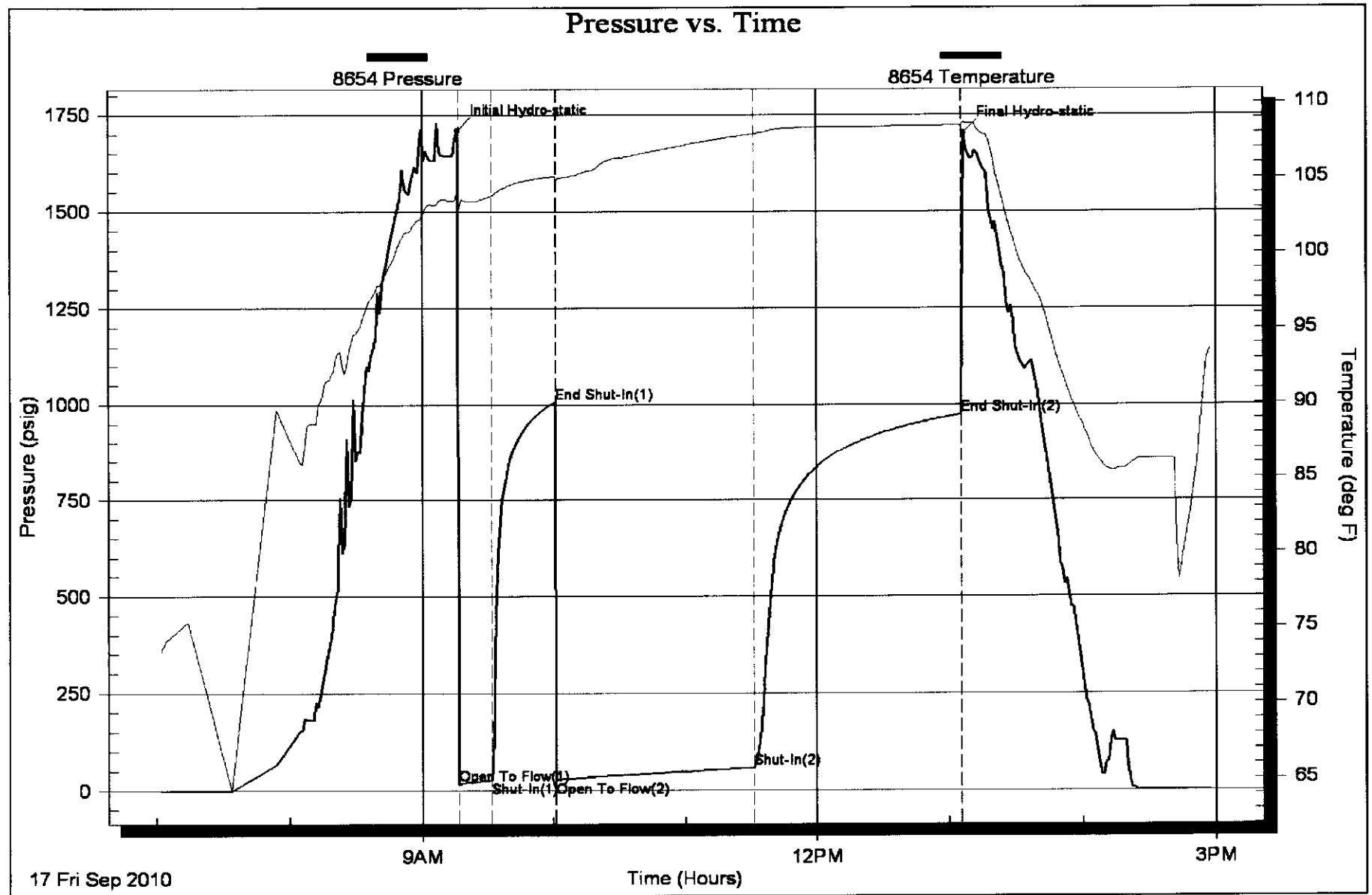
Serial #:

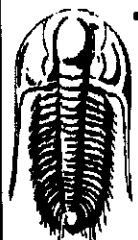
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38523

**DST#: 2**

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 04:22:21

## GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:21:21

Time Test Ended: 11:51:51

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 28

Interval: **3535.00 ft (KB) To 3560.00 ft (KB) (TVD)**

Reference Elevations: 2290.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2279.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8654**

**Inside**

Press@RunDepth: 315.11 psig @ 3538.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.18

End Date:

2010.09.18

Last Calib.:

2010.09.18

Start Time: 04:22:22

End Time:

11:51:51

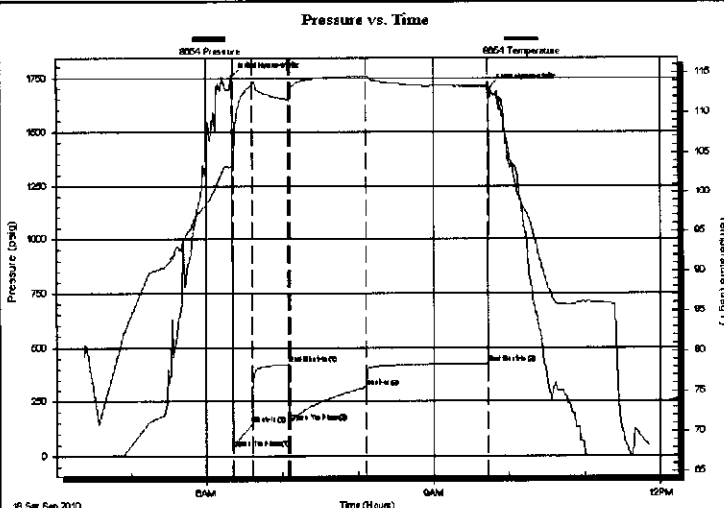
Time On Btm:

2010.09.18 @ 06:20:51

Time Off Btm:

2010.09.18 @ 09:44:21

**TEST COMMENT:** IFF-Strong blow BOB in 5 min  
IS-Dead no blow back  
FFP-Strong blow BOB in 9 min  
FSI-Weak blow back built to 1/4 in Died out in 52 min



## PRESSURE SUMMARY

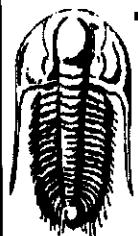
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.58	103.35	Initial Hydro-static
1	38.01	102.67	Open To Flow (1)
16	145.94	113.35	Shut-In(1)
45	423.52	111.63	End Shut-In(1)
46	156.65	112.14	Open To Flow (2)
105	315.11	114.41	Shut-In(2)
203	426.41	113.21	End Shut-In(2)
204	1704.45	112.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
31.00	Free oil	0.15
186.00	MW with a scum of oil 40%M60%W	0.91
62.00	VSOCMW 10%M2%O88%W	0.30
372.00	MW with oil spots 5%M95%W	3.54
0.00	155 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38523

**DST#: 2**

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 04:22:21

## 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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Free oil	0.152
186.00	MW with a scum of oil 40%M60%W	0.915
62.00	VSOCMW 10%M2%O88%W	0.305
372.00	MW with oil spots 5%M95%W	3.540
0.00	155 GIP	0.000

Total Length: 651.00 ft      Total Volume: 4.912 bbl

Num Fluid Samples: 0

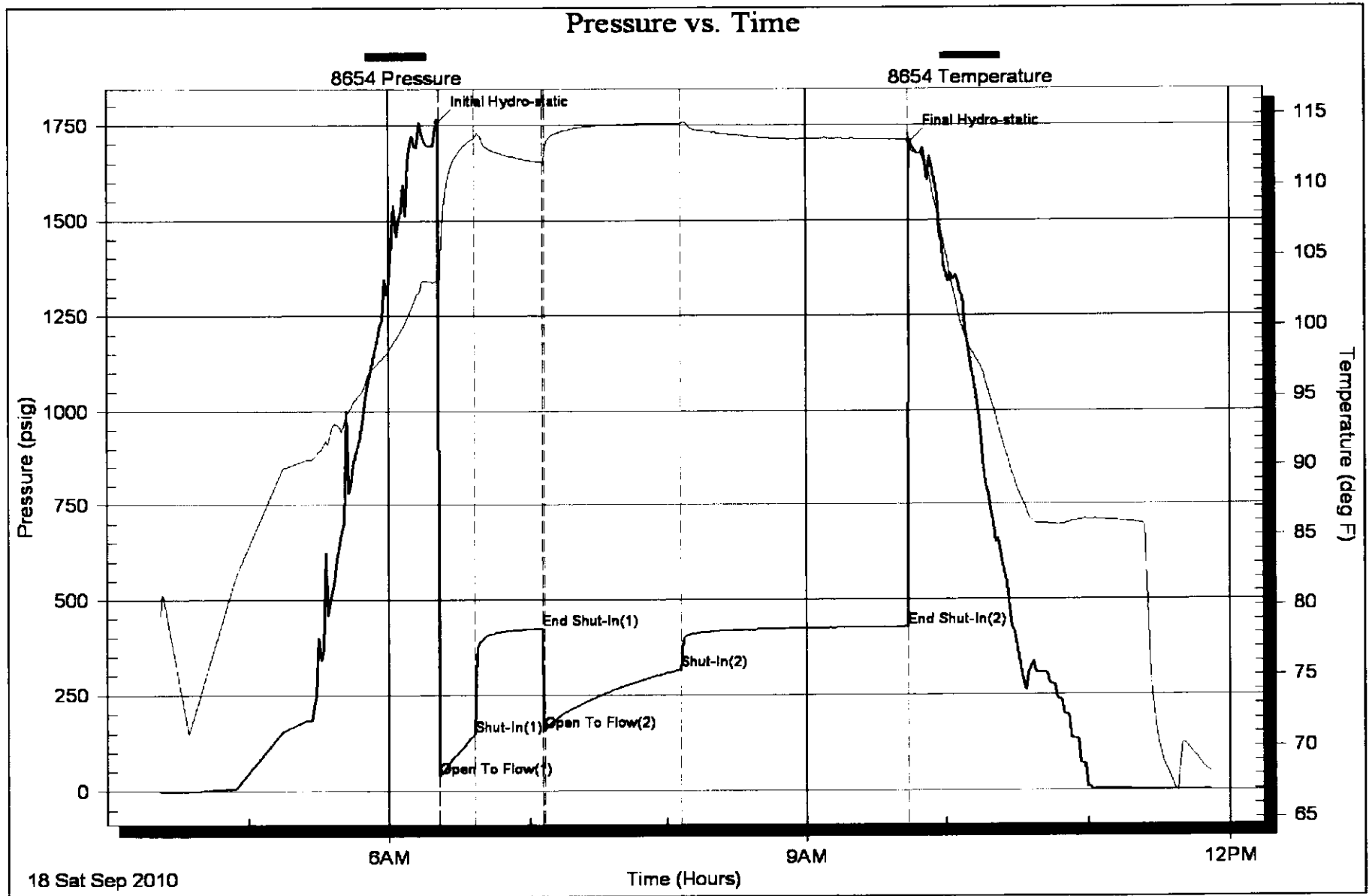
Num Gas Bombs: 0

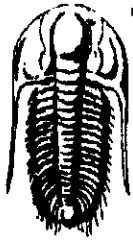
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38524

**DST#: 3**

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 20:07:50

## GENERAL INFORMATION:

Formation: **LKC-"B&C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:50

Time Test Ended: 04:26:50

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 28

**Interval: 3568.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Total Depth: 3600.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2290.00 ft (KB)

2279.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8654**

**Inside**

Press@RunDepth: 178.22 psig @ 3573.00 ft (KB)

Start Date: 2010.09.18

End Date:

2010.09.19

Start Time: 20:07:51

End Time:

04:26:50

Capacity: 8000.00 psig

Last Calib.: 2010.09.19

Time On Btm: 2010.09.18 @ 22:41:50

Time Off Btm: 2010.09.19 @ 02:00:20

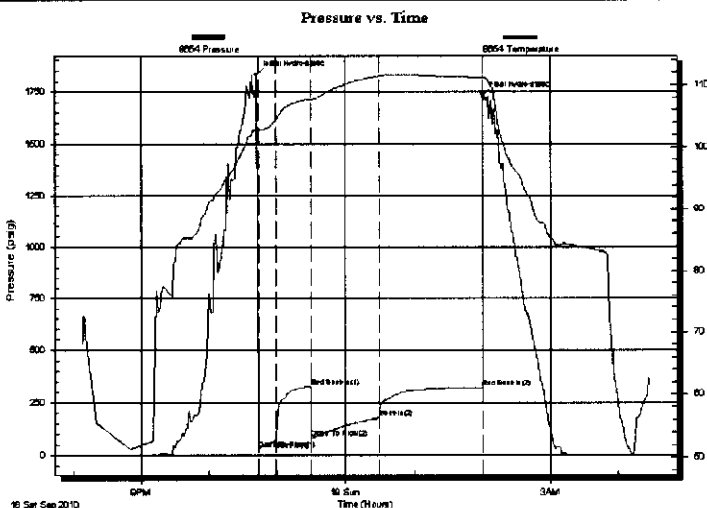
## TEST COMMENT:

IFF-Stron blow BOB in 6 min

ISI-Weak surface blow back built to 1/4 in died out in 16 min

FFP-Strong blow built to 10 in Died back to 6 1/4 in

FSI-Dead no blow back



## PRESSURE SUMMARY

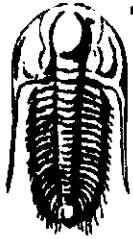
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.74	102.63	Initial Hydro-static
2	32.18	102.77	Open To Flow (1)
17	68.67	104.25	Shut-In(1)
48	324.18	107.65	End Shut-In(1)
48	80.05	107.56	Open To Flow (2)
108	178.22	111.36	Shut-In(2)
198	319.99	111.15	End Shut-In(2)
199	1730.95	111.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW w hit a scum of oil 15%M85%W	0.89
120.00	OCWM 10%O1%W80%M	0.59
40.00	OCM20%O80%M	0.20
27.00	Free Oil	0.16
0.00	105 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38524

**DST#: 3**

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 20:07:50

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

85000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
180.00	MW w hit a scum of oil 15%M85%W	0.885
120.00	OCWM 10%O1%W80%M	0.590
40.00	OCM20%O80%M	0.197
27.00	Free Oil	0.162
0.00	105 GP	0.000

Total Length: 367.00 ft

Total Volume: 1.834 bbf

Num Fluid Samples: 0

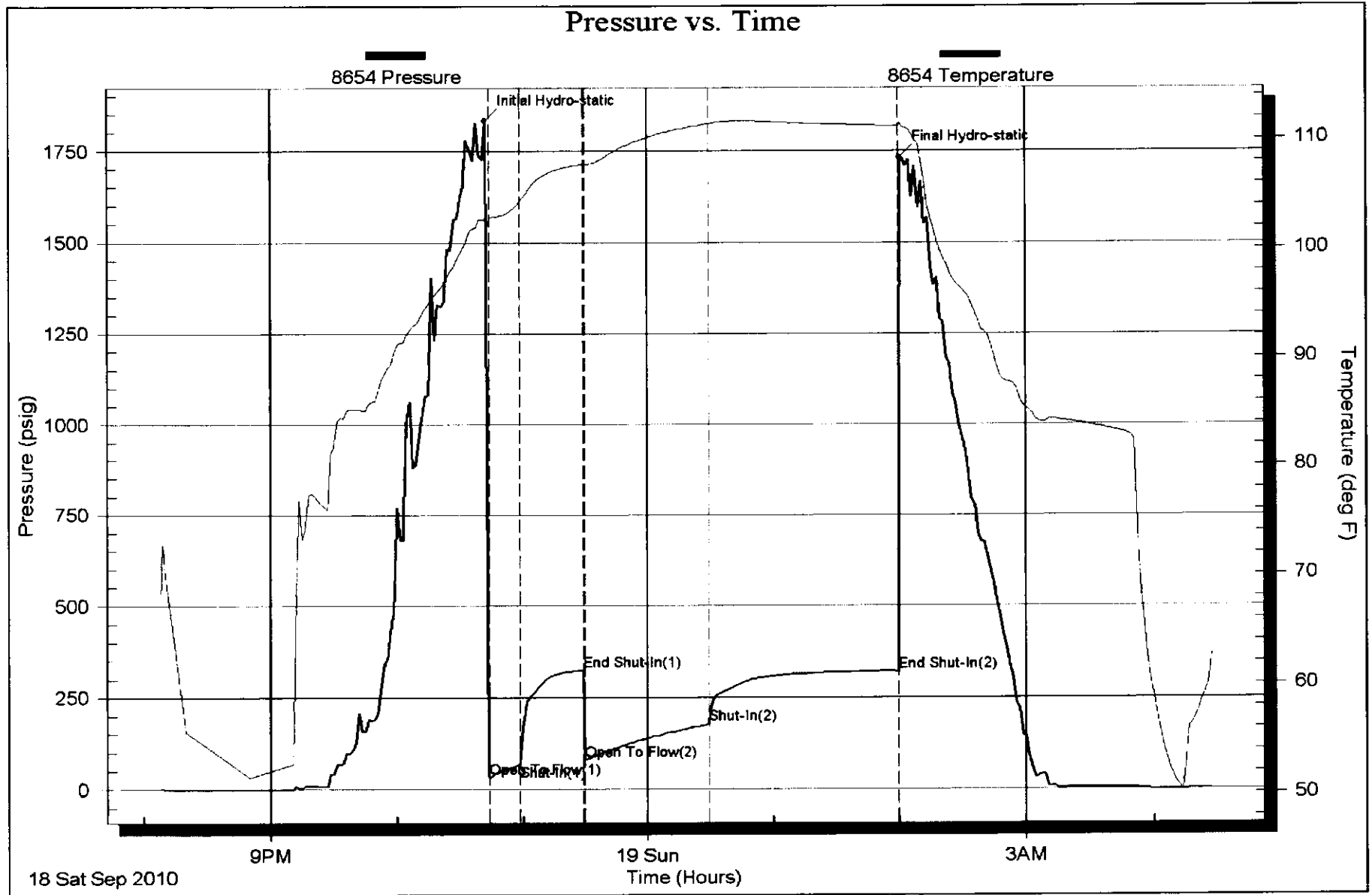
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

Po Box 20380  
Wichita Ks 67208

ATTN: Bruce Meyer

**Advent #1**

**13-11s-23w**

Job Ticket: 38525

**DST#: 4**

Test Start: 2010.09.19 @ 12:25:22

## GENERAL INFORMATION:

Formation: **LKC-"E-F"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:00:52

Time Test Ended: 20:02:22

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **28**

Interval: **3604.00 ft (KB) To 3640.00 ft (KB) (TVD)**

Total Depth: **3640.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2290.00 ft (KB)**

**2279.00 ft (CF)**

KB to GR/CF: **11.00 ft**

**Serial #: 8654**

**Inside**

Press@RunDepth: **108.71 psig @ 3609.00 ft (KB)**

Start Date: **2010.09.19**

End Date:

**2010.09.19**

Start Time: **12:25:23**

End Time:

**20:02:22**

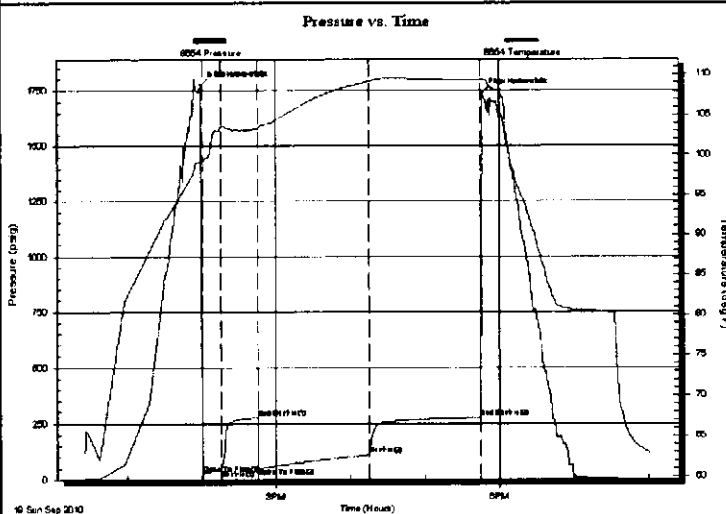
Capacity: **8000.00 psig**

Last Calib.: **2010.09.19**

Time On Btm: **2010.09.19 @ 13:59:52**

Time Off Btm: **2010.09.19 @ 17:46:22**

**TEST COMMENT:** IFF-Fair blow built to 5 in  
ISI-Dead no blow back  
FFP-Strong blow BOB in 71 min  
FSI-Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.61	99.35	Initial Hydro-static
1	24.38	98.97	Open To Flow (1)
16	43.19	103.57	Shut-In(1)
46	275.77	103.29	End Shut-In(1)
46	51.35	103.20	Open To Flow (2)
135	108.71	109.17	Shut-In(2)
225	274.37	109.32	End Shut-In(2)
227	1737.21	109.42	Final Hydro-static

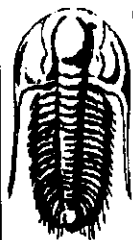
## Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free oil	0.01
5.00	SOCWM 5%O25%W70%M	0.02
124.00	VSOCWM 2%o 43%W55%M	0.61
62.00	MW 10%M90%W	0.30

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 38525

**DST#: 4**

ATTN: Bruce Meyer

Test Start: 2010.09.19 @ 12:25:22

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API: 40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 75000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4500.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
2.00	Free oil	0.010
5.00	SOCWM 5%O25%W70%M	0.025
124.00	VSOCWM 2%o 43%W55%M	0.610
62.00	MW 10%M90%W	0.305

Total Length: 193.00 ft      Total Volume: 0.950 bbl

Num Fluid Samples: 0

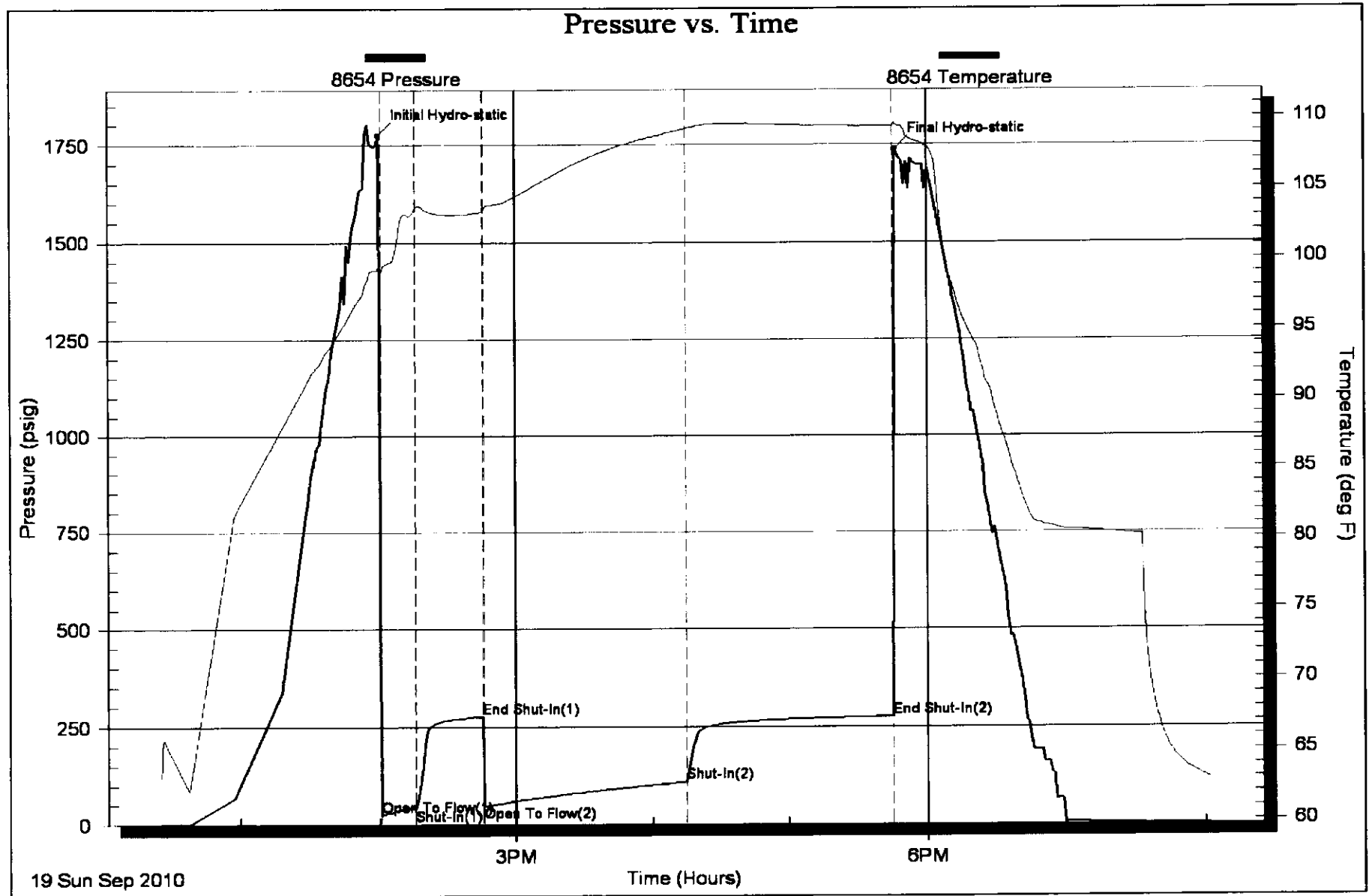
Num Gas Borrs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 040151

**DST#: 5**

ATTN: Bruce Meyer

Test Start: 2010.09.20 @ 11:41:24

## GENERAL INFORMATION:

Formation: **LKC-"K"**

Deviated: **No** Whipstock:                      ft (KB)

Time Tool Opened: 13:47:54

Time Test Ended: 19:37:54

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **28**

**Interval: 3728.00 ft (KB) To 3750.00 ft (KB) (TVD)**

Reference Elevations: **2290.00 ft (KB)**

Total Depth: **3750.00 ft (KB) (TVD)**

**2279.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **11.00 ft**

**Serial #: 8654**

**inside**

Press@RunDepth: **27.63 psig @ 3731.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.09.20**

End Date:

**2010.09.20**

Last Calib.:

**2010.09.20**

Start Time:

**11:41:25**

End Time:

**19:37:54**

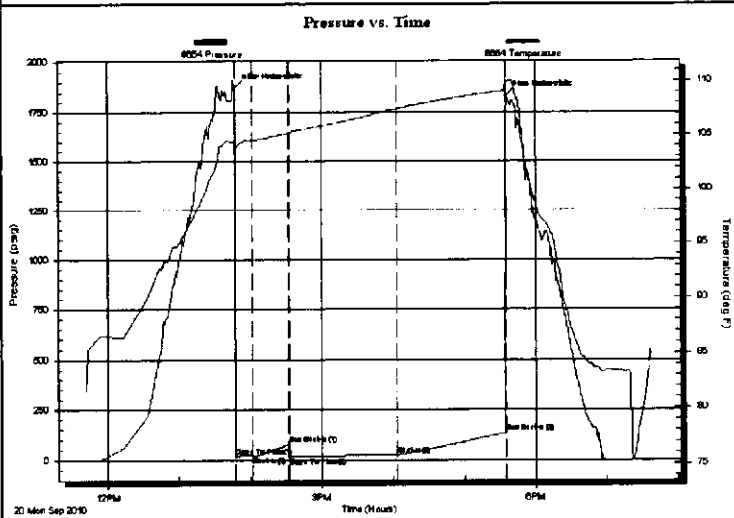
Time On Btm:

**2010.09.20 @ 13:47:24**

Time Off Btm:

**2010.09.20 @ 17:35:24**

**TEST COMMENT:** IFP-Weak blow built to 1/4 in  
ISI-Dead no blow back  
FFP-Weak blow built to 4 in  
FSI-Dead no blow back



## PRESSURE SUMMARY

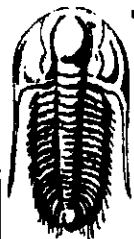
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.46	104.35	Initial Hydro-static
1	20.68	103.46	Open To Flow (1)
15	21.45	104.53	Shut-In(1)
45	80.47	105.17	End Shut-In(1)
46	18.86	105.20	Open To Flow (2)
136	27.63	107.40	Shut-In(2)
227	134.88	109.07	End Shut-In(2)
228	1831.88	109.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w hit a scum of oil	0.10

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 040151

**DST#: 5**

ATTN: Bruce Meyer

Test Start: 2010.09.20 @ 11:41:24

**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: 64.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
20.00	Mud w hit a scum of oil	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbf

Num Fluid Samples: 0

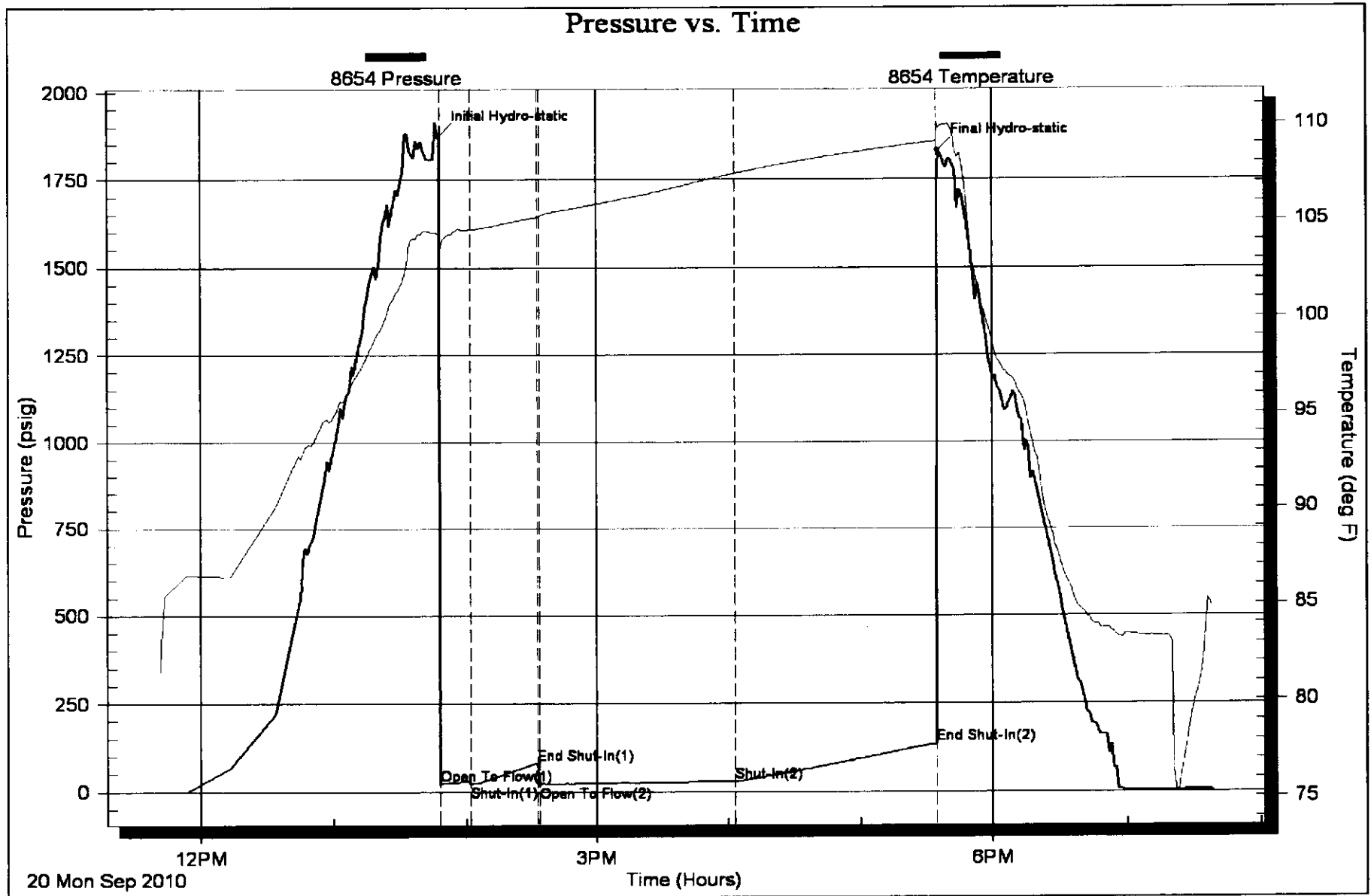
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC

Po Box 20380  
Wichita Ks 67208

ATTN: Bruce Meyer

**Advent #1**

**13-11s-23w**

Job Ticket: 040152

**DST#: 6**

Test Start: 2010.09.21 @ 13:19:48

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:33:18

Time Test Ended: 21:21:48

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 28

Interval: **3870.00 ft (KB) To 3890.00 ft (KB) (TVD)**

Total Depth: 3490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2290.00 ft (KB)

2279.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8654**

**Inside**

Press@RunDepth: 69.69 psig @ 3873.00 ft (KB)

Start Date: 2010.09.21

End Date:

2010.09.21

Start Time: 13:19:49

End Time:

21:21:48

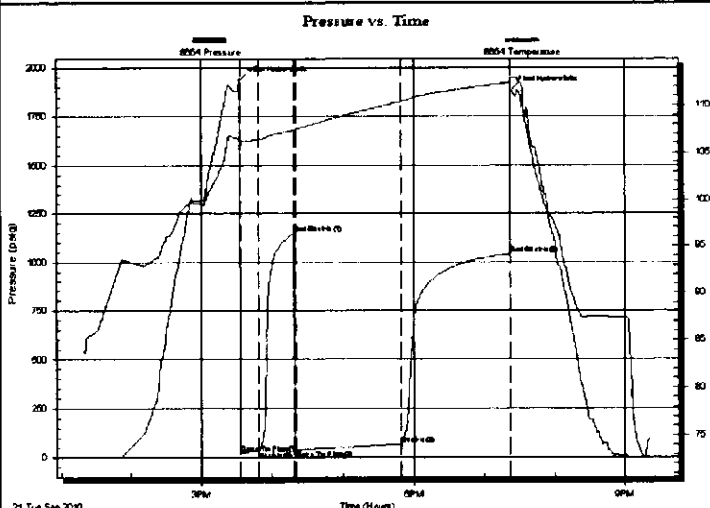
Capacity: 8000.00 psig

Last Calib.: 2010.09.21

Time On Btm: 2010.09.21 @ 15:32:48

Time Off Btm: 2010.09.21 @ 19:22:48

**TEST COMMENT:** IFP-Weak blow built to 3 in  
IS-Dead no blow back  
FFP-Strong blow BOB in 54 min  
FSI-Dead no blow back



## PRESSURE SUMMARY

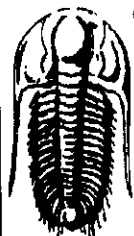
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.04	106.42	Initial Hydro-static
1	23.53	105.34	Open To Flow (1)
16	34.08	106.40	Shut-In(1)
46	1145.77	107.39	End Shut-In(1)
47	35.14	107.45	Open To Flow (2)
137	69.69	110.41	Shut-In(2)
229	1041.33	112.38	End Shut-In(2)
230	1882.99	112.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
75.00	Free Oil	0.37
60.00	MCO40%M60%O	0.30
0.00	135 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 040152

**DST#: 6**

ATTN: Bruce Meyer

Test Start: 2010.09.21 @ 13:19:48

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
75.00	Free Oil	0.369
60.00	MCO40%M60%O	0.295
0.00	135 GIP	0.000

Total Length: 135.00 ft      Total Volume: 0.664 bbf

Num Fluid Samples: 0

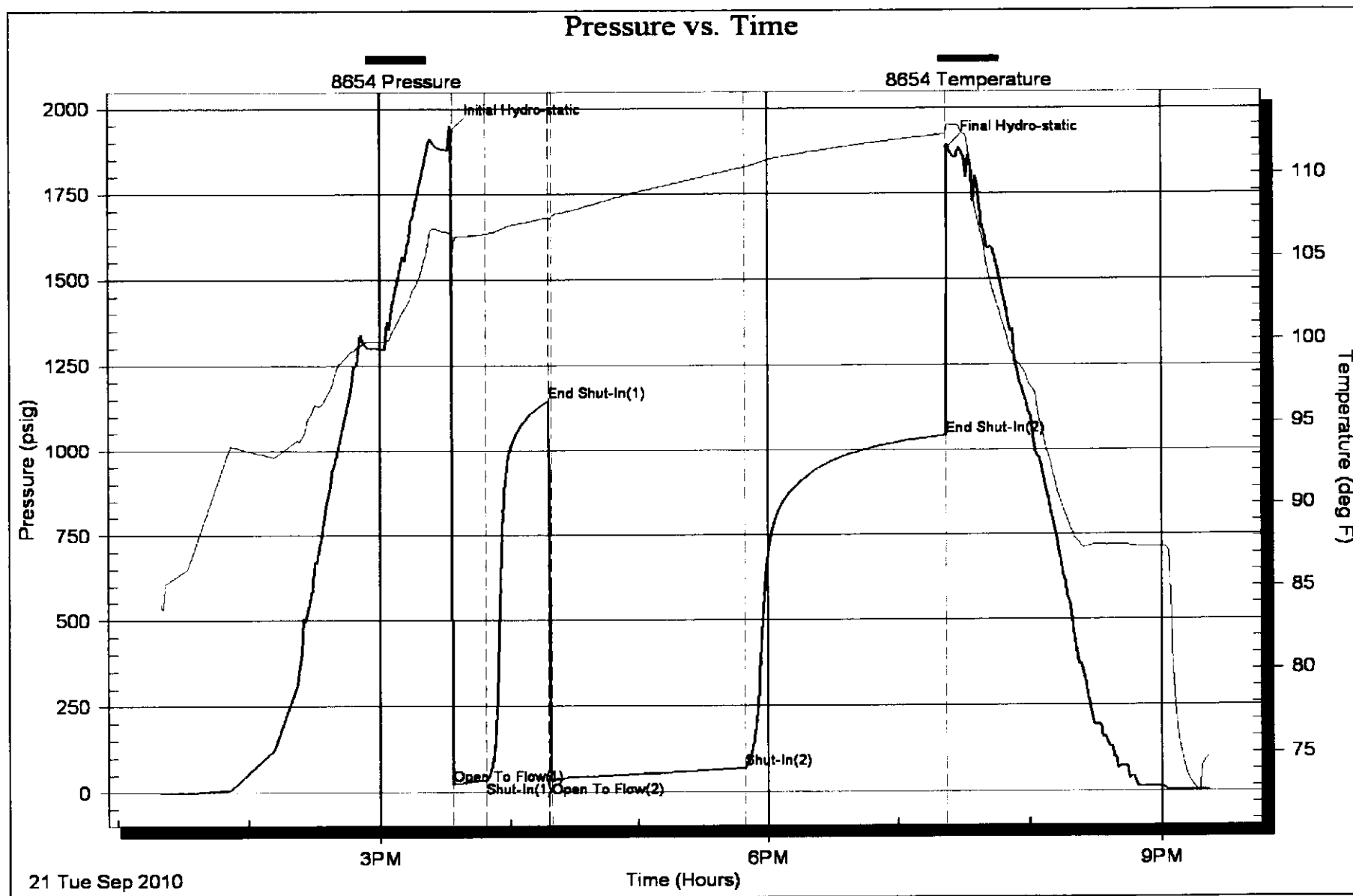
Num Gas Bombs: 0

Serial #:

Laboratory Name:

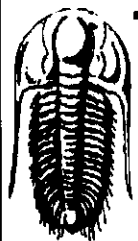
Laboratory Location:

Recovery Comments:



21 Tue Sep 2010





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

ATTN: Bruce Meyer

Job Ticket: 040153

**DST#: 7**

Test Start: 2010.09.22 @ 08:43:44

## GENERAL INFORMATION:

Formation: **Cong**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:51:14

Time Test Ended: 17:24:14

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **28**

Interval: **3892.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Reference Elevations: **2290.00 ft (KB)**

Total Depth: **3960.00 ft (KB) (TVD)**

**2279.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **11.00 ft**

**Serial #: 8654**

**Inside**

Press@RunDepth: **49.59 psig @ 3926.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.09.22**

End Date:

**2010.09.22**

Last Calib.:

**2010.09.22**

Start Time: **08:43:45**

End Time:

**17:24:14**

Time On Btm:

**2010.09.22 @ 12:50:44**

Time Off Btm:

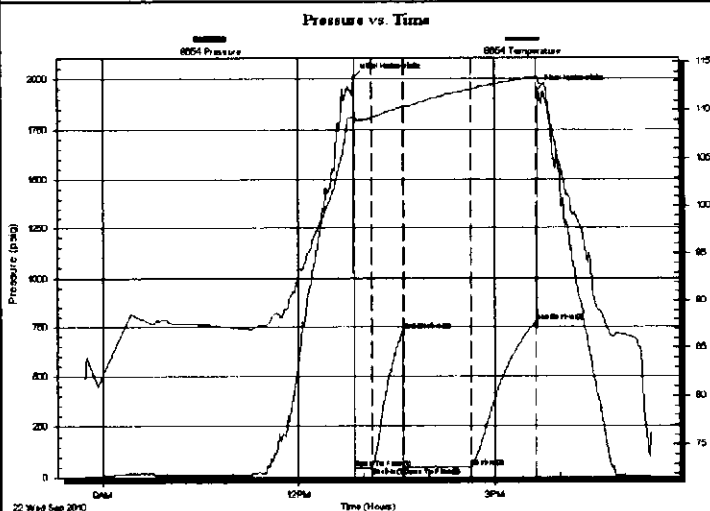
**2010.09.22 @ 15:39:14**

**TEST COMMENT:** IFF-Weak blow built to 1/4 in

IS-Dead no blow back

FFP-Dead no blow

FSI-Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.23	109.34	Initial Hydro-static
1	43.16	108.58	Open To Flow (1)
17	47.31	109.20	Shut-In (1)
45	729.56	110.36	End Shut-In (1)
46	47.12	110.09	Open To Flow (2)
107	49.59	112.16	Shut-In (2)
168	776.94	113.45	End Shut-In (2)
169	1948.02	113.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD with oil spots	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco, LLC

**Advent #1**

Po Box 20380  
Wichita Ks 67208

**13-11s-23w**

Job Ticket: 040153

**DST#: 7**

ATTN: Bruce Meyer

Test Start: 2010.09.22 @ 08:43:44

## 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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD with oil spots	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

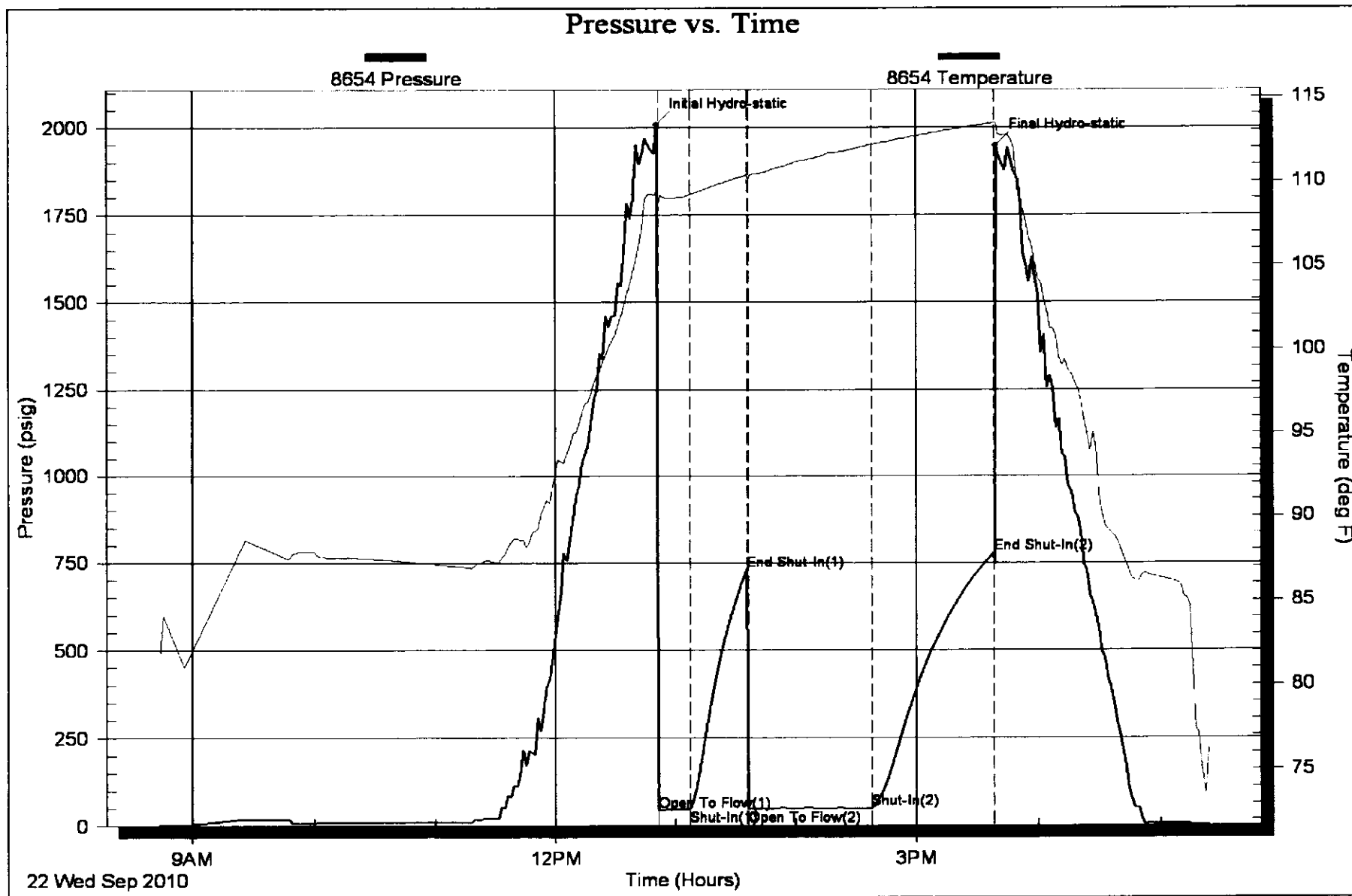
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**BEREXCO, LLC.**  
**ADVENT # 1**  
**NESWSWSE SECTION 13 11S-23W**  
**TREGO COUNTY, KANSAS**

**GEOLOGIST**  
**WILLIAM B. BYNOG**

## RESUME

OPERATOR: BEREXCO, INC.

WELL NAME & NUMBER: ADVENT # 1

LOCATION: NESWSWSE SECTION 1311S-23W

COUNTY: TREGO

STATE: KANSAS

SPUD DATE: 9-12-2010 COMPLETION DATE: 9-23-2010

ELEVATIONS: GL: 2279' KB: 2290'

CONTRACTOR: BEREDCO RIG 10

LOGS: PERFORATORS TYPES: RAG & MICROLOG

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 3460-80, DST#2 3535-60, DST#3 3568-3600, DST#4 3604-40, DST#5 3728-50, DST#6 3870-90, DST#7 3892-3960

WELL STATUS: SET PRODUCTION PIPE

BEREDCO RIG 10 DRILLING 7 7/8 HOLE

ANHYDRITE 1746(+544) S

1746(+544) L

BASE 1792(+498) S

1790(+500) L

ADVENT # 1 SAMPLE DESCRIPTIONS

3000-70 SHALE red,gray,green,firm,argillaceous

3070-90 LIMESTONE pale gray,tan,hard,dense,fossils / thin SHALE as above

3090-3125 SHALE as above var color,argillaceous

3125-40 LIMESTONE gray brown,hard,fossils, dense

3140-90 SHALE gray black,green,firm,fissile

3190-3220 LIMESTONE tan,very hard,dense

3220-30 SHALE black,dark gray,green,firm,fissile,carbonaceous

3230-50 LIMESTONE light gray,tan,very hard,slightly fossils,dense

3250-70 SHALE green,red,soft,argillaceous

3270-85 LIMESTONE as above slightly sandy/ thin SHALE black,carbonaceous

ADVENT 1.txt

3285-3300 LIMESTONE tan,very hard,dense,some microcrystalline, poor porosity

3300-15 SHALE gray,green,firm,fissile, some very argillaceous

3315-25 LIMESTONE buff,firm,chalky, sandy,pr to fair crystalline porosity,no shows

3325-35 LIMESTONE tan,very hard,dense,trace Chert gray

3335-60 SHALE dark gray,gray black,green, firm,s carbonaceous

3360-3405 LIMESTONE buff,tan,hard,slightly fossils, dense,some chlky,trace Chert  
tan,gray/ thin SHALE black,dark gray,as above

3405-15 SHALE gray,black,green,argillaceous

3415-30 LIMESTONE buff,tan,hard,dense,

3430-40 LIMESTONE white,buff,soft,fnly crystalline,chalky,fair crystalline  
porosity,no shows/ thin SHALE as above

3440-50 LIMESTONE buff,very hard,very dense,abundant Chert tan,white / thin SHALE  
black,fissile,carbonaceous

3450-55 LIMESTONE white,buff,firm, microcrystalline,fossils,chalky,fair crystalline  
fossils porosity,no shows

3455-68 LIMESTONE buff,very hard,dense,trace Chert as above/ thin SHALE  
black,green,fissile

3468-70 LIMESTONE buff,firm,very fossils,fair to good intergranular vuggy  
porosity,even brown saturated stain,very good cut and odor,very good show free oil

3470-74 LIMESTONE as above,fossils,chalky,fair poor to poor vuggy porosity,spotty  
brown stain,very good cut and odor,good show free oil

ADVENT 1.txt

3474-3500 LIMESTONE buff,slightly hard,fossils, chalky,poor porosity,no shows

3500-05 SHALE black,green,firm,fissile,carbonaceous

3505-10 LIMESTONE buff,very hard,very dense, crptoxln

3510-20 SHALE green,red,soft,very argillaceous

3520-30 LIMESTONE white,buff,firm,very chalky,pr vis porosity,no shows

3530-35 LIMESTONE buff,very hard,very dense, crptoxln

3535-40 SHALE red,green,soft,very argillaceous / some black,carbonaceous

3540-50 LIMESTONE white,slightly hard,fossils,slightly chalky,fair intergran vuggy porosity,spotty brown stain,good cut,faint odor,nsfo

3550-60 LIMESTONE white,firm,very chalky,abundant Chert white

3560-65 LIMESTONE buff,hard,dense,pr to fair vuggy porosity,spotty brown stain,good cut,faint odor,abundant Chert white

3570-80 SHALE gray,black,green,firm,fissile

3580-90 LIMESTONE buff,very hard,dense, pr poor to poor vuggy porosity,spotty brown stain,good cut / thin SHALE as above

3590-3595 LIMESTONE white,buff,firm to hard,dense,abundant chalky,abundant Chert white,no shows

3595-3600 LIMESTONE buff,firm,very fossils, chalky,fair vuggy porosity,spotty brown stain,good cut and odor,pr show free oil

3600-05 LIMESTONE buff,very hard,dense



ADVENT 1.txt

3605-15 SHALE red, soft, argillaceous, some black, fissile, carbonaceous

3615-25 LIMESTONE white, buff, hard, dense, no shows / thin SHALE  
black, green, fissile, carbonaceous

3625-35 LIMESTONE white, firm, chalky, fossils, fair vuggy porosity, spotty brown  
stain, good cut and odor, pr show free oil

3635-70 LIMESTONE buf, very hard, very dense, crptoxln, abundant Chert gray

3670-80 SHALE gray black, green, hard, fissile

3680-3700 LIMESTONE pale gray, buff, very hard, very dense, crptoxln, trace Chert gray

3700-04 SHALE as above

3704-06 LIMESTONE buff, hard, oolites, pr poor to poor vuggy porosity, spotty tarry  
stain, good cut, pr show free oil

3706-12 LIMESTONE pale gray, buff, very hard, dense, no shows

3710-20 SHALE red, very soft, very argillaceous

3720-30 LIMESTONE pale gray, buff, very hard, dense, some very fnly micro crystalline, pr  
crystalline porosity, spotty brown stain, pr cut

3730-35 SHALE as above

3735-45 LIMESTONE white, firm, chalky, slightly fossils, fair crystalline porosity, fair  
to good poor to poor vuggy porosity, even to spotty brown stain, very good cut and  
odor, good show free oil

3745-55 LIMESTONE buff, very hard, very dense

ADVENT 1.txt

3755-62 SHALE gray,green,firm,fissile

3762-74 LIMESTONE buff,hard,dense / rare slightly fossils,pr poor to poor vuggy porosity,very spotty black asphalt stain,good cut,nsfo

3774-95 SHALE red,soft,silty,argillaceous

3795-3825 LIMESTONE buff,hard,dense,trace poor to poor vuggy porosity,very spotty brown stain, fair cut

3825-40 SHALE as above,sandy in part

3840-50 LIMESTONE buff,very hard,dense

3850-65 SHALE as above sandy in part

3865-75 LIMESTONE white,buff,very hard,dense,some chalky, abundant Chert tan,orange

3865-90 LIMESTONE buff,firm,cherty, fossils,pr to fair crystalline and poor to poor vuggy porosity,even brown stain,very good cut and odor,very good show free oil,abundant Chert white,orange

3890-3910 CHERT white,orange,fresh,some LIMESTONE as above / pr poor to poor vuggy porosity,even stain,good cut and odor,good show free oil

3910-15 LIMESTONE pale gray,buff,very hard, dense,abundant Chert as above,no shows

3915-35 SHALE green,gray,soft,argillaceous, some fissile

3935-45 CONG abundant Chert white,orange,some SHALE as above

3945- 55 LIMESTONE white,firm,very sandy, fn to crse grain,chalky,pr porosity, abundant Chert as above,spotty to even dead black stain,good cut,no free oil

ADVENT 1.txt

3955-60 SHALE red,soft,very argillaceous,abundant Chert as above

RTD 3960

LTD 3964

# LITHOLOGY STRIP LOG

## WellSight Systems

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

Measured Depth Log

Well Name: **ADVENT #1**

Location: **NESWSWSE SECTION 13 11S-23W TREGO COUNTY, KANSAS**

License Number: **15-195-22681**

Region: **MIDCONTINENT**

Spud Date: **9-12-2010**

Drilling Completed: **9-23-2010**

Surface Coordinates: **493' FSL & 2261' FEL**

Bottom Hole

Coordinates:

Ground Elevation (ft): **2279**

K.B. Elevation (ft): **2290**

Logged Interval (ft): **1700**

To: **3960**

Total Depth (ft): **3960**

Formation: **TOPEKA, PLATTSMOUTH, L/KC, MARMATON & 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  
303-250-0727 CELL**

### Cores

### DSTs

**DST#13460-80, DST#2 3535-60, DST#3 3568-3600, DST#4 3604-40, DST#5 3728-50, DST#6 3870-90, DST#7 3892-3960**

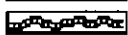
### Comments

**SET PIPE**

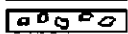
### ROCK TYPES



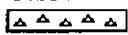
Anhy



Bent



Brec



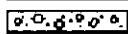
Cht



Clyst



Coal



Congl



Dol



Gyp



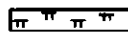
Igne



Lmst



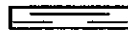
Meta



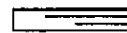
Mrst



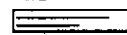
Salt



Shale



Shcol



Shgy



Sltst



Ss



Tlll

### ACCESSORIES

**MINERAL**

Anhy



**Minxl**



Minxl



**Crin**



Crin



**Gyp**



Gyp