



KANSAS CORPORATION COMMISSION 1053140  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34117  
Name: Eternity Exploration, LLC  
Address 1: 338 Spyglass Dr  
Address 2: \_\_\_\_\_  
City: Coppell State: TX Zip: 75019 + 5430  
Contact Person: Carlo A. Ugolini  
Phone: ( 469 ) 464-3849  
CONTRACTOR: License # 33575  
Name: WW Drilling, LLC  
Wellsite Geologist: Scott W. Alberg  
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 #: \_\_\_\_\_

<u>12/10/2010</u>	<u>12/19/2010</u>	<u>12/20/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-193-20787-00-00

Spot Description: \_\_\_\_\_  
NW SW NE SW Sec. 36 Twp. 10 S. R. 32  East  West  
1,800 Feet from  North /  South Line of Section  
1,400 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Thomas

Lease Name: BK Stoppel Well #: 2

Field Name: \_\_\_\_\_

Producing Formation: none

Elevation: Ground: 3049 Kelly Bushing: 3054

Total Depth: 4710 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 280 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: 2600 ppm Fluid volume: 1100 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: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanne Garrison Date: 04/06/2011



1053140

Operator Name: Eternity Exploration, LLC Lease Name: BK Stoppel Well #: 2  
 Sec. 36 Twp. 10 S. R. 32  East  West County: Thomas

**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 Wireline 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:  Dual Induction Micro Compensated Density/Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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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 Casing	12.25	8.625	20	280	Common 3% cc, 2% gel	225	3% cc, 2% gel

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

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

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	Eternity Exploration, LLC
Well Name	BK Stoppel 2
Doc ID	1053140

Tops

Name	Top	Datum
Anhydrite	2592	+462
Heebner	4026	-972
Toronto	4057	-1003
Lansing	4066	-1012
Stark Shale	4089	-1035
BKC	4348	-1294
Lenepah	4376	-1322
Pawnee	4470	-1416
Fort Scott	4538	-1484
Cherokee	4566	-1512
Mississippi	4656	-1602

REMIT TO  
RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

478

DATE <i>11/10</i> REC <i>36</i>	RAM NO. <i>10-32</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASER <i>BK Steppel</i>			WELL <i>2</i>	COUNTY <i>TH</i>	STATE <i>KS</i>

CONTRACTOR <i>WVY</i>	OWNER <i>Eternity</i>			
TYPE OF JOB				
HOLE SIZE <i>12 1/4</i>	T.D. <i>281</i>	CEMENT		
CASING SIZE <i>8 7/8</i>	DEPTH <i>280</i>	AMOUNT ORDERED	<i>225</i>	
TUBING SIZE	DEPTH			
DRILL PIPE <i>4 1/2</i>	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<i>225</i>	<i>@ 112</i>
DISPLACEMENT <i>18.5</i>	SIZES JOINT	POZMIX		<i>@</i>
CEMENT LEFT IN CSC. <i>20 FT</i>		GEL	<i>4</i>	<i>@ 26</i>
PERFS		CHLORIDE	<i>6</i>	<i>@ 52</i>
		ASC		<i>@</i>
EQUIPMENT				<i>@</i>
PUMP TRUCK				<i>@</i>
BULK TRUCK				<i>@</i>
BULK TRUCK				<i>@</i>
BULK TRUCK				<i>@</i>
				<i>@</i>
		HANDLING	<i>225</i>	<i>@ 18 938.75</i>
		MILEAGE	<i>41</i>	<i>@ 20 820.25</i>
		TOTAL		

REMARKS	SERVICE <i>Surface</i>		
<i>Play Down @ 1:15 AM</i>	DEPT OF JOB		
	PUMP TRUCK CHARGE		<i>1350.00</i>
	EXTRA FOOTAGE		
<i>Circ Cement to Pit</i>	MILEAGE <i>41</i>		<i>@ 6.00 246.00</i>
	MANIFOLD		<i>@ 100.00</i>
	TOTAL		

CHARGE TO: <i>Eternity</i>	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC  
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is fitted. The above work was done to satisfaction and to the approval of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
<i>5 7/8 Woodco Plug @ 12.00</i>	
TOTAL	
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *Rodney Decker* PRINTED NAME *Rodney Decker*

REMIT TO  
RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

688.72  
479

DATE <i>12/10/10</i>	36	WELL NO. <i>10-32</i>	CALLER <i>WT</i>	OR LOCATION	JOB START	JOB FINISH
LEAS	<i>BK</i>	<i>Stapple</i>	WELL # <i>2</i>		<i>CONTR H</i>	<i>STAGE 1</i>

CONTRACTOR <i>W W Y</i>	OWNER <i>205</i>				
TYPE OF JOB					
HOLE SIZE <i>7 7/8</i>	T.D. <i>4710</i>	CEMENT			
CASING SIZE	DEPTH	AMOUNT ORDERED			
TUBING SIZE	DEPTH				
DRILL PIPE <i>4 1/2</i>	DEPTH				
TOOL	DEPTH				
PRES. MAX	MINIMUM	COMMON	<i>120</i>	@ <i>14.00</i>	<i>1783.00</i>
DISPLACEMENT	SHOE JOINT	POZ MIX	<i>82</i>	@ <i>8.00</i>	<i>656.00</i>
CEMENT LEFT IN CSG.		GEL	<i>7</i>	@ <i>26.00</i>	<i>182.00</i>
PERFS		CHLORIDE		@	
		ASC		@	
EQUIPMENT		<i>Flt-Sua!</i>	<i>51.00</i>	@ <i>285</i>	<i>14571.00</i>
PUMP TRUCK				@	
#				@	
BULK TRUCK				@	
#				@	
BULK TRUCK				@	
#				@	
				@	
		HANDLING	<i>205</i>	@ <i>1.00</i>	<i>205.00</i>
		MILEAGE	<i>41</i>	@ <i>18.00</i>	<i>738.00</i>
		TOTAL			

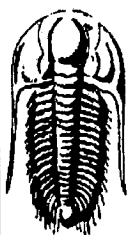
REMARKS	SERVICE <i>Rotary H/W</i>		
<i>1st 2.5g 2600'</i>	DEPT OF JOB	@	
<i>2nd 100.00 1250'</i>	PUMP TRUCK CHARGE	@	<i>200.00</i>
<i>3rd 40.00 320'</i>	EXTRA FOOTAGE	@	
<i>4th 10.00 40'</i>	MILEAGE <i>41</i>	@ <i>18.00</i>	<i>738.00</i>
<i>Rot Hole 30.00</i>	MANIFOLD	@	
	TOTAL		

CHARGE TO: <i>Etacoy</i>	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC  
You are hereby requested to rent cementing equipment and furnish staff 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
<i>8.00</i>	@ <i>69.00</i>
	@
	@
	@
	@
TOTAL	
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 28 DAYS)	

SIGNATURE *Rodney Detert* PRINTED NAME *Rodney Detert*



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 041528

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2010.12.15 @ 04:00:05

## GENERAL INFORMATION:

Formation: **LKC"E+F"**

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

Time Tool Opened: 06:24:50

Time Test Ended: 10:33:59

Test Type: **Conventional Bottom Hole**

Tester: **Andy Carreira**

Unit No: **31**

Interval: **4127.00 ft (KB) To 4158.00 ft (KB) (TVD)**

Reference Elevations: **3054.00 ft (KB)**

Total Depth: **4158.00 ft (KB) (TVD)**

**3049.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **5.00 ft**

**Serial #: 8352**

**Outside**

Press@RunDepth: **32.27 psig @ 4128.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.12.15**

End Date:

**2010.12.15**

Last Calib.: **2010.12.15**

Start Time: **04:00:05**

End Time:

**10:33:59**

Time On Btm: **2010.12.15 @ 06:24:10**

Time Off Btm: **2010.12.15 @ 08:27:29**

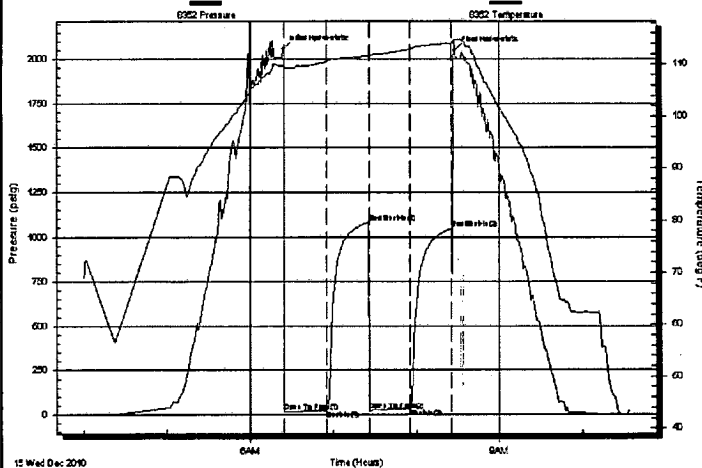
**TEST COMMENT:** IF: Weak Blow, Died in 18 min.

IS: No Return

FF: No Blow, Flushed Tool, No Blow

FS: No Return

Pressure vs. Time



## PRESSURE SUMMARY

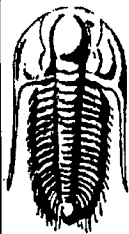
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.23	109.82	Initial Hydro-static
1	16.63	109.15	Open To Flow (1)
32	22.12	110.55	Shut-In(1)
62	1082.78	111.66	End Shut-In(1)
62	23.90	111.28	Open To Flow (2)
91	32.27	112.91	Shut-In(2)
121	1046.87	114.08	End Shut-In(2)
124	2050.50	114.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w ith slight oil specks in tool	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 041528

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2010.12.15 @ 04:00:05

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 6.00 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with slight oil specks in tool	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

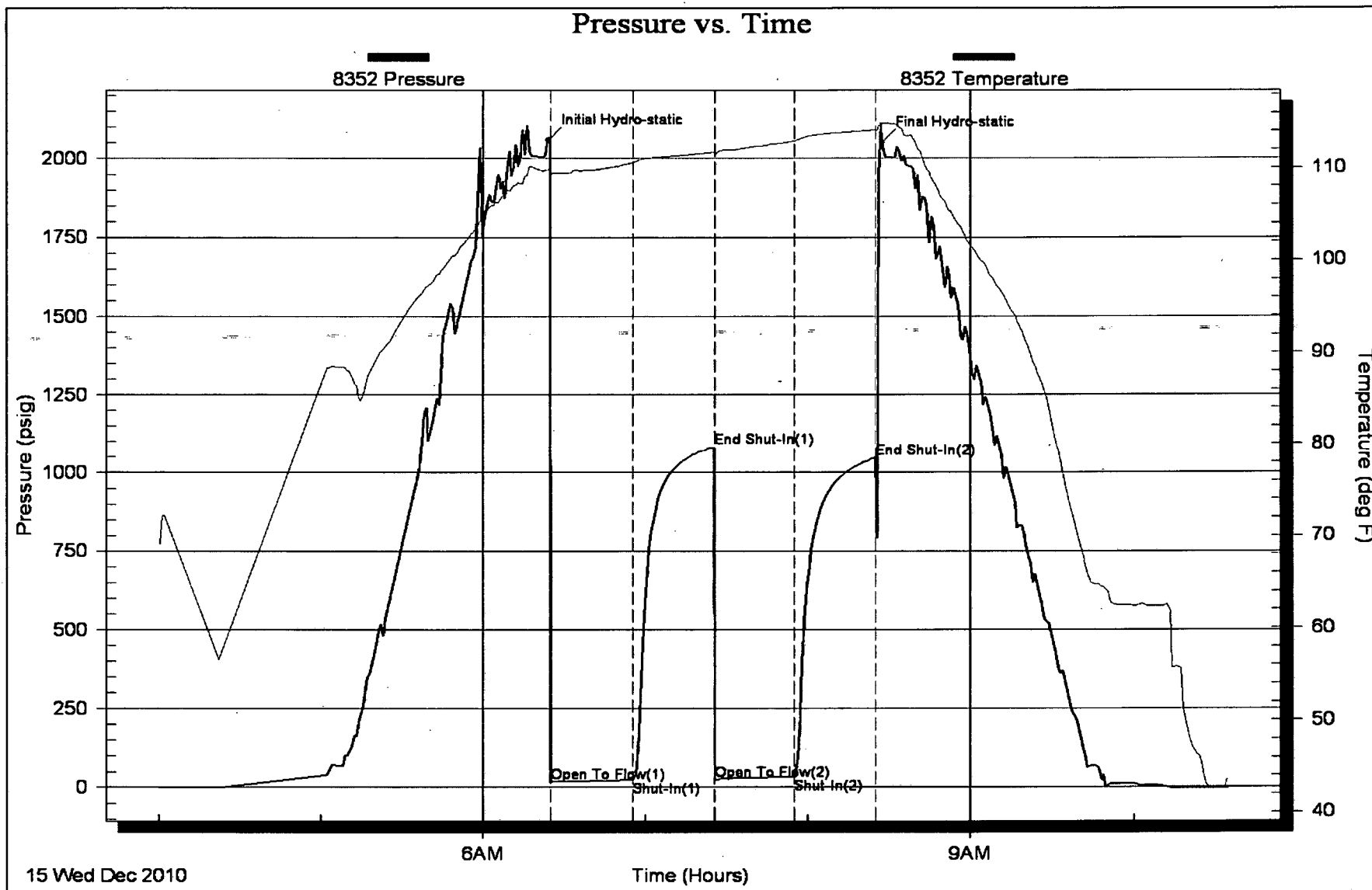
Num Gas Bombs: 0

Serial #:

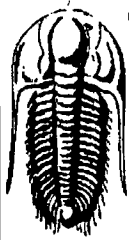
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppel #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 041529

**DST#: 2**

ATTN: Scott Alberg

Test Start: 2010.12.15 @ 22:30:37

## GENERAL INFORMATION:

Formation: **LKC"H&I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:41:37

Time Test Ended: 04:41:57

Test Type: Conventional Bottom Hole

Tester: Andy Carreira/D.Rash

Unit No: 31

Interval: **4192.00 ft (KB) To 4255.00 ft (KB) (TVD)**

Reference Elevations: 3054.00 ft (KB)

Total Depth: 4255.00 ft (KB) (TVD)

3049.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 34.76 psig @ 4193.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.15

End Date:

2010.12.16

Last Calib.: 2010.12.16

Start Time: 22:30:42

End Time:

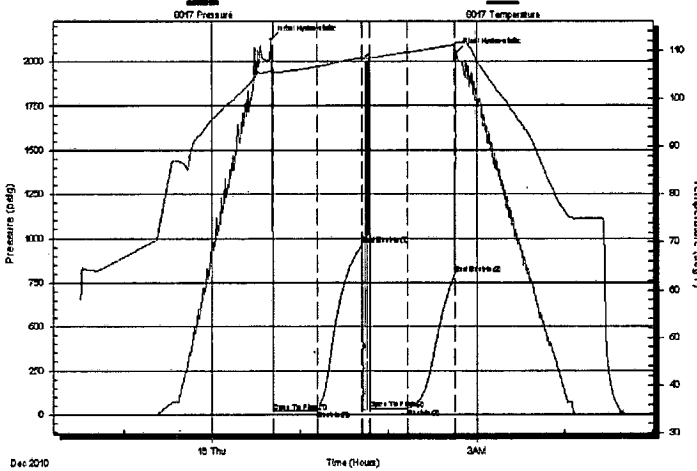
04:41:57

Time On Btm: 2010.12.16 @ 00:40:37

Time Off Btm: 2010.12.16 @ 02:46:07

**TEST COMMENT:** IF-Weak blow . Built to 1/4 inch. Died off to surface blow .  
ISI-No Return.  
FF-No blow . Flushed tool. No blow .  
FSI-No Return.

Pressure vs. Time



## PRESSURE SUMMARY

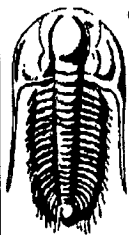
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.34	105.75	Initial Hydro-static
1	18.00	105.12	Open To Flow (1)
32	24.17	106.68	Shut-In(1)
62	962.61	108.49	End Shut-In(1)
67	31.34	108.09	Open To Flow (2)
93	34.76	109.58	Shut-In(2)
125	797.83	111.19	End Shut-In(2)
126	2052.89	111.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	95% Mud/5% Oil	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 041529

**DST#: 2**

ATTN: Scott Alberg

Test Start: 2010.12.15 @ 22:30:37

### 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: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	95%Mud/5%Oil	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

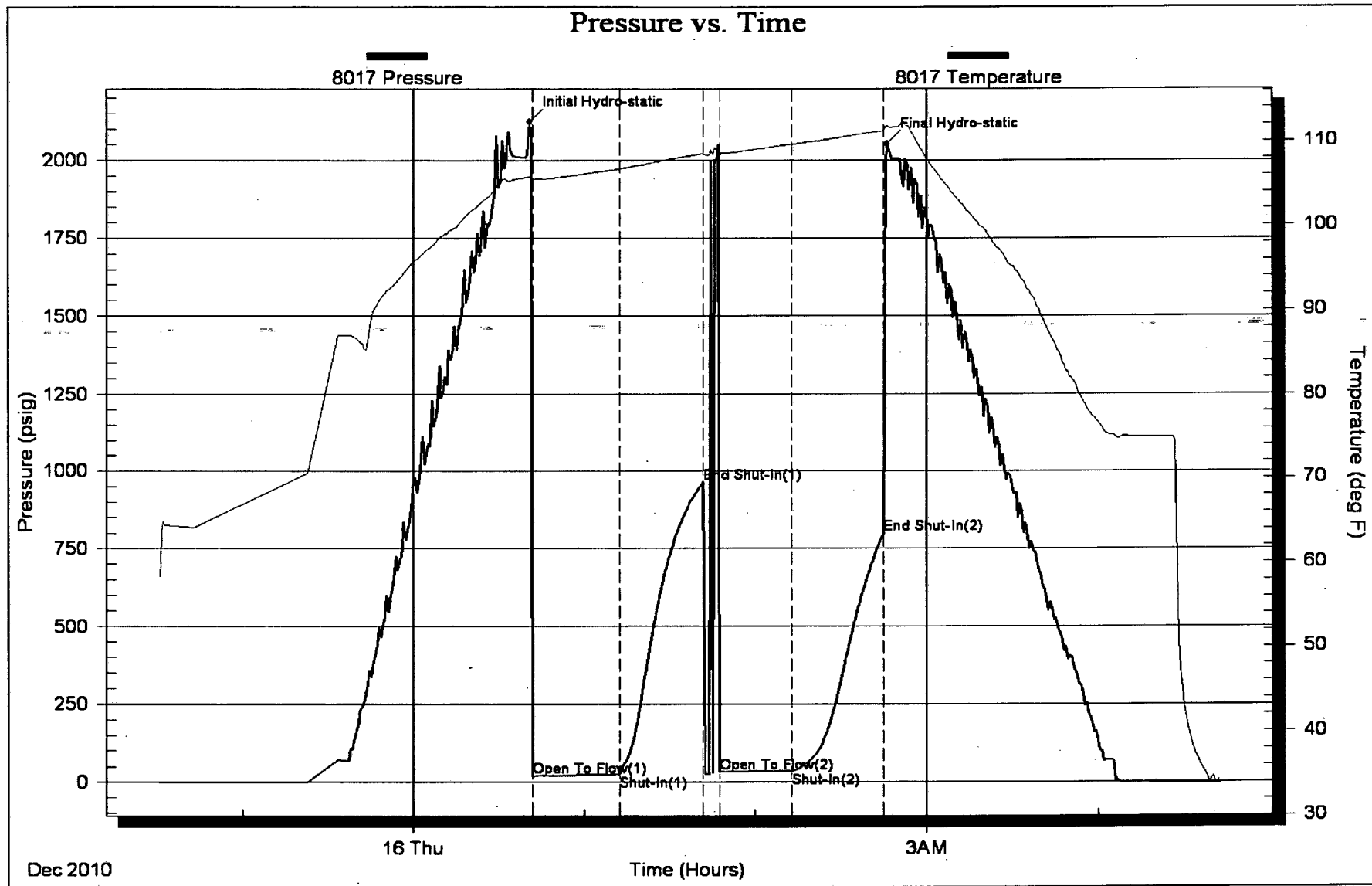
Num Gas Bombs: 0

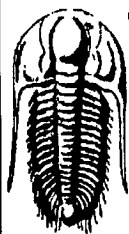
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41317

**DST#: 3**

ATTN: Scott Alberg

Test Start: 2010.12.16 @ 15:11:24

### GENERAL INFORMATION:

Formation: **LKC "J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:56:24

Time Test Ended: 20:57:33

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: **4255.00 ft (KB) To 4318.00 ft (KB) (TVD)**

Reference Elevations: 3054.00 ft (KB)

Total Depth: 4318.00 ft (KB) (TVD)

3049.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 60.85 psig @ 4256.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.16

End Date:

2010.12.16

Last Calib.: 2010.12.16

Start Time: 15:11:29

End Time:

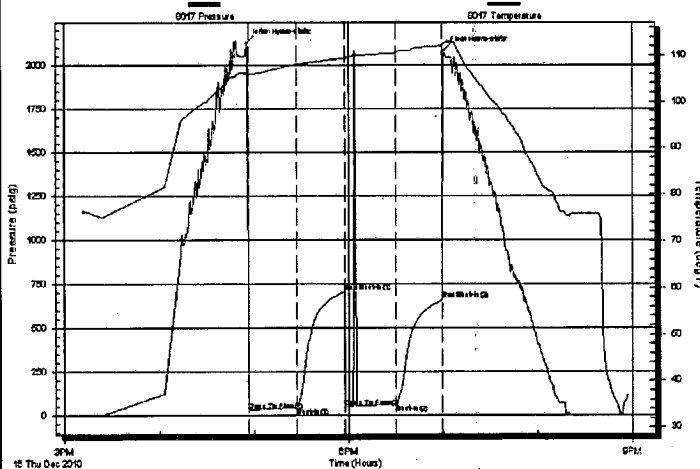
20:57:33

Time On Btm: 2010.12.16 @ 16:55:24

Time Off Btm: 2010.12.16 @ 19:00:34

**TEST COMMENT:** IF-Very weak building blow. Built to 1 inch.  
ISI-No Return.  
FF-No blow. Flushed tool. No blow.  
FSI-No Return.

Pressure vs. Time



### PRESSURE SUMMARY

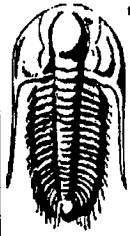
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.04	106.19	Initial Hydro-static
1	28.58	105.43	Open To Flow (1)
32	43.98	108.04	Shut-In(1)
62	704.88	109.41	End Shut-In(1)
63	46.09	109.18	Open To Flow (2)
95	60.85	110.73	Shut-In(2)
124	658.52	112.01	End Shut-In(2)
126	2079.76	112.57	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
80.00	98%Mud/2%Oil	0.39

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41317

**DST#: 3**

ATTN: Scott Alberg

Test Start: 2010.12.16 @ 15:11:24

### 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	98%Mud/2%Oil	0.393

Total Length: 80.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

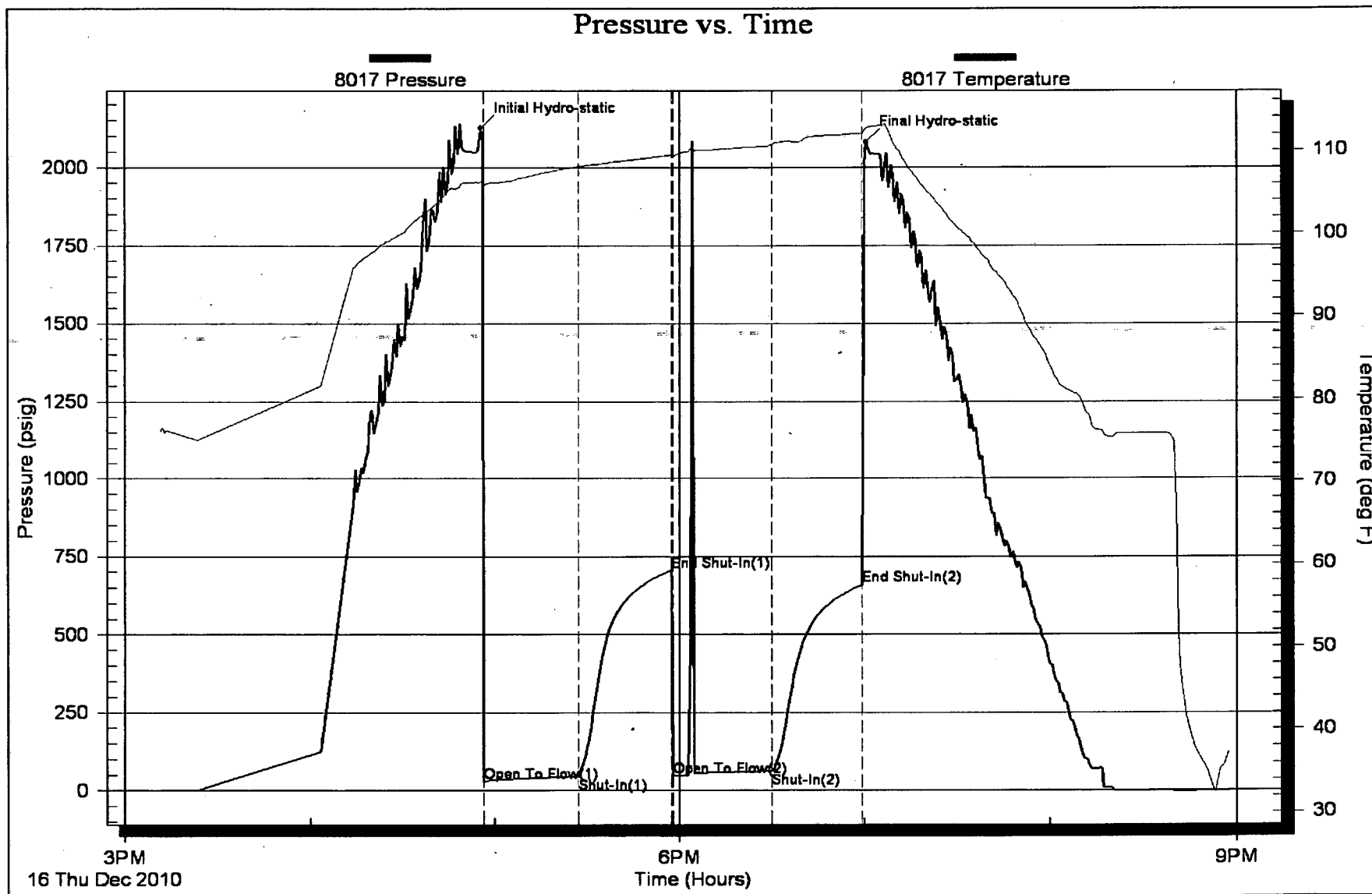
Num Gas Bombs: 0

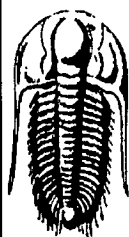
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41318

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2010.12.17 @ 22:38:53

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:32:03

Time Test Ended: 04:37:23

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: **4460.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Reference Elevations: 3054.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

3049.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8017**

Inside

Press@RunDepth: 38.84 psig @ 4461.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.17

End Date: 2010.12.18

Last Calib.: 2010.12.18

Start Time: 22:38:58

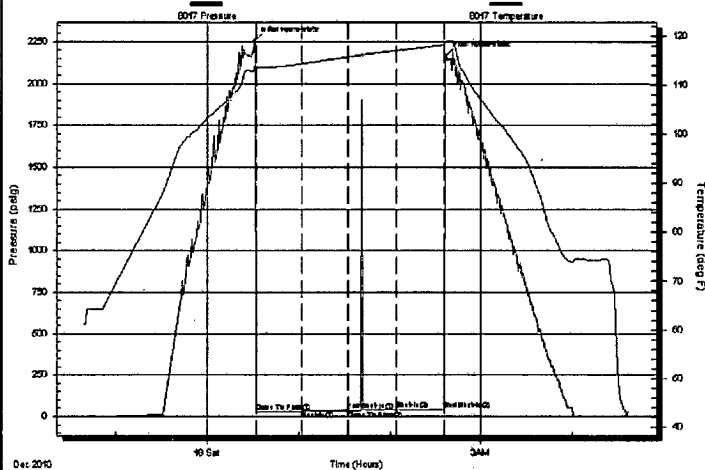
End Time: 04:37:22

Time On Btm: 2010.12.18 @ 00:31:03

Time Off Btm: 2010.12.18 @ 02:36:43

**TEST COMMENT:** IF-Very weak building blow. Built to 1&1/4 inches.  
IS-No Return.  
FF-No blow. Flushed tool. No blow.  
FSI-No Return.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.23	113.80	Initial Hydro-static
1	29.41	113.38	Open To Flow (1)
32	32.54	114.25	Shut-In(1)
61	36.42	115.63	End Shut-In(1)
62	34.15	115.64	Open To Flow (2)
93	38.84	116.97	Shut-In(2)
125	40.32	118.08	End Shut-In(2)
126	2168.41	118.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%Mud	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41318

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2010.12.17 @ 22:38:53

### 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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100%Mud	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

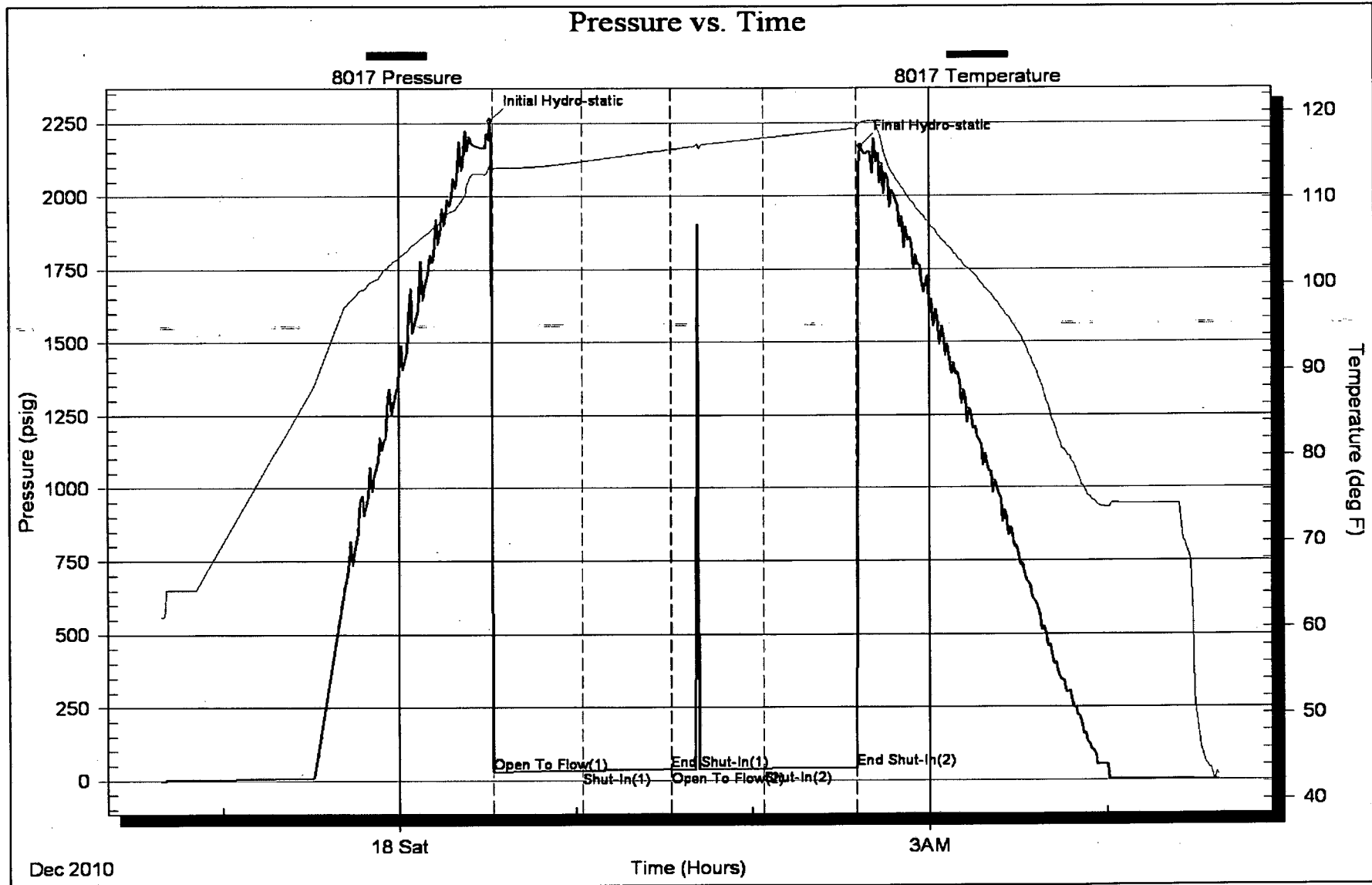
Serial #:

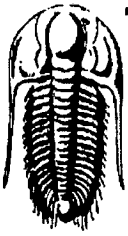
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41319

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2010.12.18 @ 14:55:53

## GENERAL INFORMATION:

Formation: **Myrick Station/Ft. S**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:32:53

Time Test Ended: 21:48:43

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: **4504.00 ft (KB) To 4560.00 ft (KB) (TVD)**

Total Depth: 4560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 3054.00 ft (KB)

3049.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 37.31 psig @ 4505.00 ft (KB)

Start Date: 2010.12.18

End Date: 2010.12.18

Start Time: 14:55:58

End Time: 21:48:43

Capacity: 8000.00 psig

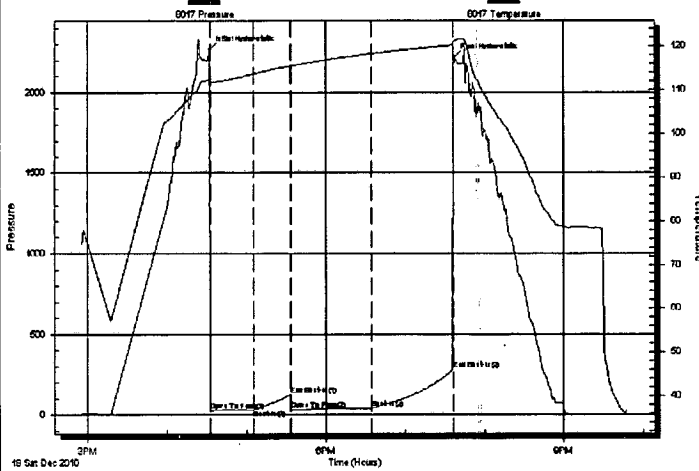
Last Calib.: 2010.12.18

Time On Btm: 2010.12.18 @ 16:32:03

Time Off Btm: 2010.12.18 @ 19:37:02

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

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2266.86	112.26	Initial Hydro-static
1	23.71	110.98	Open To Flow (1)
34	32.31	113.73	Shut-In(1)
62	124.39	115.57	End Shut-In(1)
62	29.40	115.55	Open To Flow (2)
122	37.31	118.30	Shut-In(2)
184	277.80	120.29	End Shut-In(2)
185	2218.33	121.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	90%Mud/10%Oil	0.20
0.00	80' G.I.P.	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41319

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2010.12.18 @ 14:55:53

### 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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	90%Mud/10%Oil	0.197
0.00	80' G.I.P.	0.000

Total Length: 40.00 ft      Total Volume: 0.197 bbl

Num Fluid Samples: 0

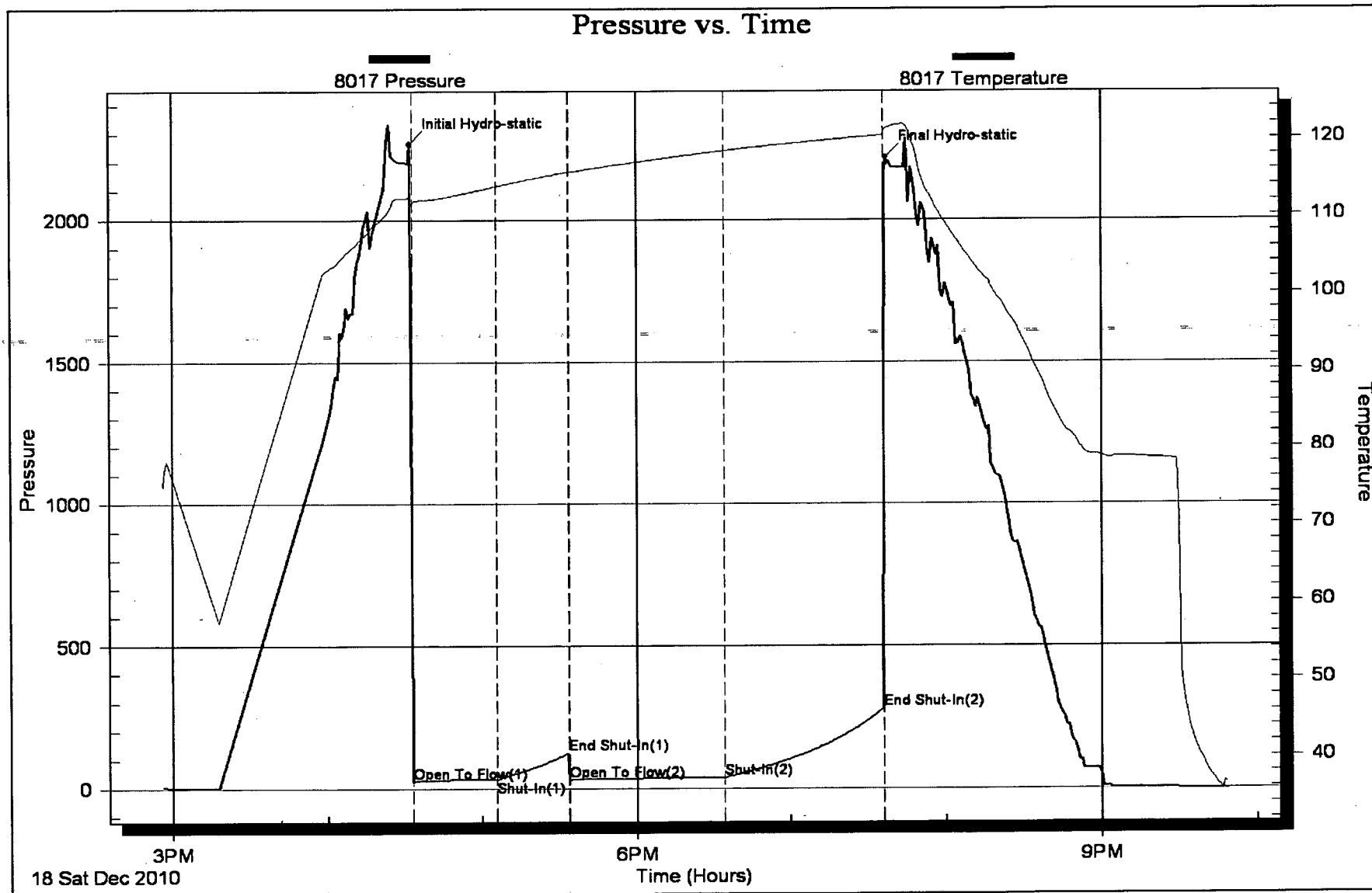
Num Gas Bombs: 0

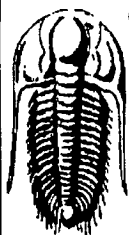
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41320

**DST#: 6**

ATTN: Scott Alberg

Test Start: 2010.12.19 @ 07:29:36

### GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:11:26

Time Test Ended: 13:30:26

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

Interval: **4580.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Reference Elevations: 3054.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

3049.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 43.30 psig @ 4581.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.19 End Date: 2010.12.19

Last Calib.: 2010.12.19

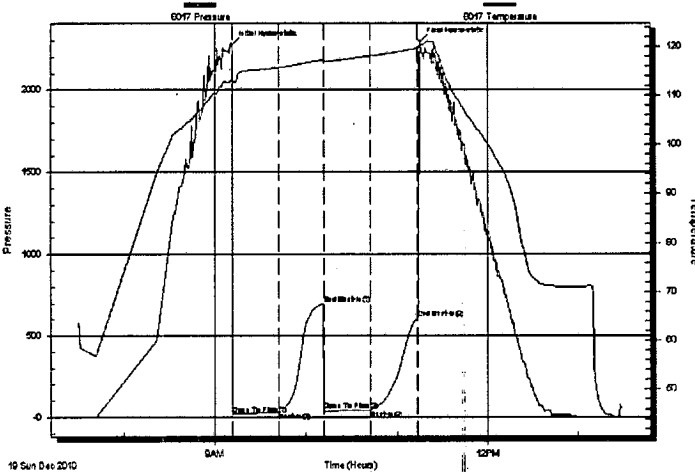
Start Time: 07:29:41 End Time: 13:30:26

Time On Btm: 2010.12.19 @ 09:11:16

Time Off Btm: 2010.12.19 @ 11:15:36

**TEST COMMENT:** IF-Very weak building blow. Built to 2 inches.  
IS-No Return.  
FF-Very weak building blow after 4 minutes. Built to 1.5 inches.  
FSI-No Return

Pressure vs. Time



### PRESSURE SUMMARY

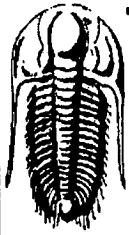
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.47	113.30	Initial Hydro-static
1	18.43	112.34	Open To Flow (1)
31	30.16	115.63	Shut-In(1)
61	700.12	117.19	End Shut-In(1)
61	39.03	116.88	Open To Flow (2)
92	43.30	118.04	Shut-In(2)
123	606.54	119.55	End Shut-In(2)
125	2296.13	120.24	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	70%Mud/30%Oil	0.30
3.00	100%Oil	0.01
0.00	57' G.I.P.	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Eternity Exploration LLC.

**BK Stoppell #2**

338 Spyglass Drive  
Coppell, Tx. 75019

**36-10s-32w Thomas**

Job Ticket: 41320

**DST#: 6**

ATTN: Scott Alberg

Test Start: 2010.12.19 @ 07:29:36

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	70%Mud/30%Oil	0.295
3.00	100%Oil	0.015
0.00	57' G.I.P.	0.000

Total Length:

63.00 ft

Total Volume:

0.310 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

