



KANSAS CORPORATION COMMISSION 1170597  
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 # \_\_\_\_\_

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

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: \_\_\_\_\_



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
---	---

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	Coral Production Corporation
Well Name	BAXTER-MILLER 29-1
Doc ID	1170597

Tops

Name	Top	Datum
ANHYDRITE	1680	404
TOPEKA	3072	-988
HEEBNER	3273	-1189
LANSING	3313	-1229
BKC	3523	-1439
ARBUCKLE EQUIL	3554	-1470
GRANITE WASH	3580	-1496
GRANITE	3595	-1511

# ALLIED OIL & GAS SERVICES, LLC 056813

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>11.5.13</u>	SEC. <u>29</u>	TWP. <u>6</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>1100 am</u>	JOB FINISH <u>1130 am</u>
LEASE <u>Baxter</u>	WELL# <u>29-7</u>	LOCATION <u>Stoddard, KS</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>5 m to Rd E 9 w S west into.</u>					

CONTRACTOR <u>Maverick 108</u>	OWNER
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>8 1/2</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>265</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>15</u>
CEMENT LEFT IN CSG. <u>15'</u>	COMMON <u>170 sk</u> @ <u>17.9</u> \$ <u>3,043.00</u>
PERFS.	POZMIX @
DISPLACEMENT <u>1592 #20</u>	GEL <u>3 sk</u> @ <u>23.4</u> \$ <u>70.20</u>
	CHLORIDE <u>6 sk</u> @ <u>64.0</u> \$ <u>384.00</u>
	ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <u>Arny P.</u>
# <u>409</u> HELPER <u>Nathan D.</u>
BULK TRUCK
# <u>473</u> DRIVER <u>Jesse C.</u>
BULK TRUCK
# DRIVER

HANDLING <u>185.51</u> <u>FKS</u>	@ <u>2.48</u>	\$ <u>455.11</u>
MILEAGE <u>419.00</u> <u>1/m</u>	@ <u>12.60</u>	\$ <u>5,275.40</u>
TOTAL \$ <u>5,041.71</u>		

REMARKS:

\* Circulated mud to surface.  
\* Pumped 170 sk @ 25.90 #/min  
Displaced cement @ 15.92 #/min  
cement circulated to surface  
\* Sit at 8 5/8 in @ 4300 psi.

SERVICE

DEPTH OF JOB <u>265'</u>	
PUMP TRUCK CHARGE	<u>\$1,512.25</u>
EXTRA FOOTAGE @	
MILEAGE <u>Reg 46.50m</u> @ <u>7.7</u>	\$ <u>358.65</u>
MANIFOLD <u>Light 50m</u> @ <u>4.4</u>	\$ <u>220.00</u>
	@
	@

CHARGE TO: Cord Production Corp

STREET \_\_\_\_\_

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

TOTAL \$ 2,117.25

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL 0

To: Allied Oil & Gas Services, 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 \$ 7,158.96

DISCOUNT \$ 1,431.79 IF PAID IN 30 DAYS

Net 5727.17

PRINTED NAME Jeremy Svoboda

SIGNATURE [Signature]



# ALLIED OIL & GAS SERVICES, LLC 056820

Federal Tax I.D.# 20-5975804

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

SERVICE POINT  
Russell, KS

DATE <u>11.13.13</u>	SEC <u>29</u>	TWP <u>6</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>1000 Am</u>	JOB FINISH <u>1030 Am</u>
LEASE <u>Baxter/Miller</u>	WELL# <u>-</u>	LOCATION <u>Stockton, KS</u>		COUNTY <u>Wood</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)		<u>5n to rd E 9 W S into</u>					

CONTRACTOR <u>Maverick Drilling</u>	OWNER
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3574'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>See "Remarks"</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Tony P.</u>	
# <u>409</u> HELPER <u>Nathan</u>	
BULK TRUCK	
# <u>H81</u> DRIVER <u>Steve C</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>255 sk</u>		
	<u>60/110 + 4 1/2 gal 4 1/4 Flo-Seal</u>		
COMMON	<u>153 sk</u>	@ <u>17.9</u>	<u>\$2,738.70</u>
POZMIX	<u>102 sk</u>	@ <u>9.35</u>	<u>\$953.70</u>
GEL	<u>8.77 sk</u>	@ <u>23.4</u>	<u>\$205.22</u>
CHLORIDE		@	
ASC		@	
	<u>Flo-Seal #50 -</u>	@ <u>297</u>	<u>\$148.50</u>
		@	
		@	
		@	
		@	
HANDLING	<u>272.95 FV</u>	@ <u>2.48</u>	<u>\$676.92</u>
MILEAGE	<u>571.425 Ton</u>	@ <u>2.60</u>	<u>\$1485.71</u>
			TOTAL <u>\$6,208.74</u>

REMARKS:

P1= 3574' @ 50sk - Pumped 8.21 <sup>132</sup> min  
Displaced cement @ 5.11 <sup>132</sup> min  
P2= 1690' @ 25sk - Pumped 4.10 <sup>60</sup> min  
Displaced cement @ 2.38 <sup>60</sup> min  
P3= 980' @ 100sk - Pumped 16.72 <sup>60</sup> min  
Displaced cement @ 7.32 <sup>60</sup> min  
P4= 310' @ 40sk - Pumped 6.57 <sup>60</sup> min  
Displaced cement @ 1.75 <sup>60</sup> min

SERVICE

DEPTH OF JOB	<u>3574'</u>
PUMP TRUCK CHARGE	<u>\$2,600.47</u>
EXTRA FOOTAGE	@
MILEAGE: Heavy 50m	@ <u>7.70</u> <u>\$385.0</u>
MANIFOLD: Light 50m	@ <u>4.40</u> <u>\$220.0</u>
	@
	@

CHARGE TO: Coral Production  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \$ 3205.47

P5= 40' @ 10SK - Pumped 1.64 <sup>60</sup> min  
1x 8 3/8 wooden Plug cement to surface  
P6= RH- 30SK.

PLUG & FLOAT EQUIPMENT

1x 8 3/8 wooden Plug	@	<u>\$64.80</u>
	@	
	@	
	@	

TOTAL \$ 64.80

To: Allied Oil & Gas Services, 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 ~~\$9477.21~~ 9477.01

PRINTED NAME Jeremy Stuckey

DISCOUNT \$2,353.55 IF PAID IN 30 DAYS  
Net 7125.46

SIGNATURE [Signature]



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

### **29-6s-19w Rooks,KS**

Start Date: 2013.11.08 @ 17:05:45

End Date: 2013.11.09 @ 00:48:05

Job Ticket #: 55826                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:58:15



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55826

**DST#: 1**

ATTN: Pete Debenham

Test Start: 2013.11.08 @ 17:05:45

## GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:10:25

Time Test Ended: 00:48:05

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 49

**Interval: 3082.00 ft (KB) To 3186.00 ft (KB) (TVD)**

Reference Elevations: 2079.00 ft (KB)

Total Depth: 3186.00 ft (KB) (TVD)

2071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 73.80 psig @ 3088.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.08

End Date:

2013.11.09

Last Calib.: 2013.11.09

Start Time: 17:05:46

End Time:

00:48:05

Time On Btm: 2013.11.08 @ 20:10:15

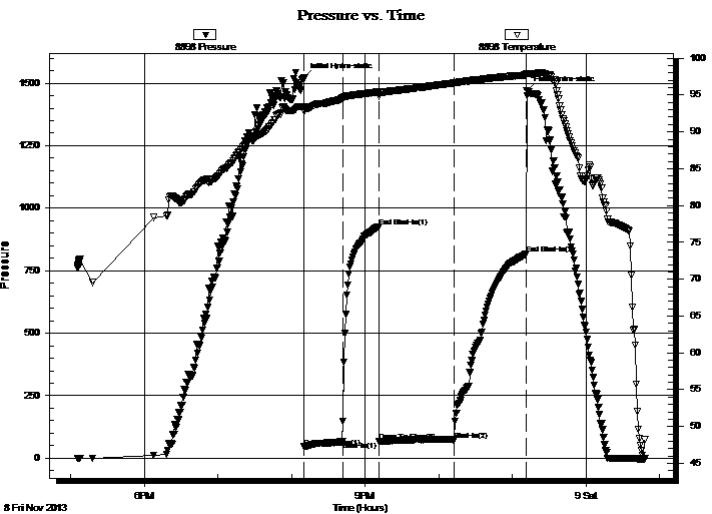
Time Off Btm: 2013.11.08 @ 23:11:35

**TEST COMMENT:** Weak surface blow built to 1 1/2"

Dead no blow back.

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1520.91	93.48	Initial Hydro-static
1	45.54	92.80	Open To Flow (1)
32	66.46	94.57	Shut-In(1)
61	925.60	95.41	End Shut-In(1)
61	66.90	94.86	Open To Flow (2)
123	73.80	96.63	Shut-In(2)
181	816.73	97.72	End Shut-In(2)
182	1470.24	97.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	100%M Show of free oil on top	0.58

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55826

**DST#: 1**

ATTN: Pete Debenham

Test Start: 2013.11.08 @ 17:05:45

## Tool Information

Drill Pipe:	Length: 3064.00 ft	Diameter: 3.80 inches	Volume: 42.98 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 43.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3082.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3067.00	
Hydraulic tool	5.00			3072.00	
Packer	5.00			3077.00	20.00 Bottom Of Top Packer
Packer	5.00			3082.00	
Stubb	1.00			3083.00	
Perforations	4.00			3087.00	
Change Over Sub	1.00			3088.00	
Recorder	0.00	8897	Inside	3088.00	
Recorder	0.00	8898	Outside	3088.00	
Drill Pipe	94.00			3182.00	
Change Over Sub	1.00			3183.00	
Bullnose	3.00			3186.00	104.00 Bottom Packers & Anchor

**Total Tool Length: 124.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55826

**DST#: 1**

ATTN: Pete Debenham

Test Start: 2013.11.08 @ 17:05:45

## 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 250.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100%M Show of free oil on top	0.577

Total Length: 60.00 ft      Total Volume: 0.577 bbl

Num Fluid Samples: 0

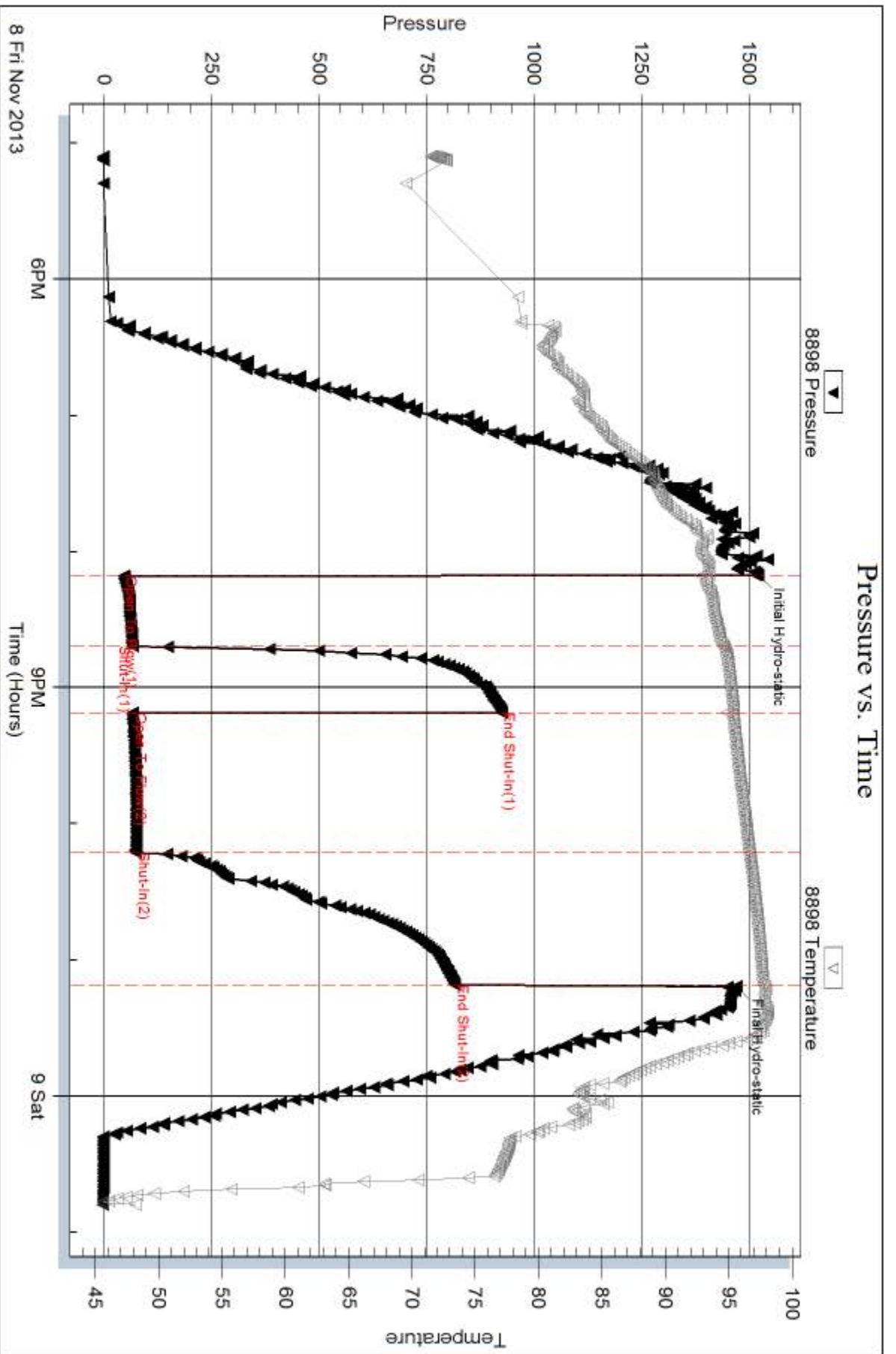
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

### **29-6s-19w Rooks,KS**

Start Date: 2013.11.09 @ 11:23:38

End Date: 2013.11.09 @ 17:51:58

Job Ticket #: 55827                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:57:34



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

ATTN: Pete Debenham

Job Ticket: 55827

**DST#: 2**

Test Start: 2013.11.09 @ 11:23:38

## GENERAL INFORMATION:

Formation: **Lower Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:24:18

Time Test Ended: 17:51:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

**Interval: 3204.00 ft (KB) To 3280.00 ft (KB) (TVD)**

Reference Elevations: 2079.00 ft (KB)

Total Depth: 3280.00 ft (KB) (TVD)

2071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 37.30 psig @ 3213.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.09

End Date:

2013.11.09

Last Calib.: 2013.11.09

Start Time: 11:23:39

End Time:

17:51:58

Time On Btm: 2013.11.09 @ 13:24:08

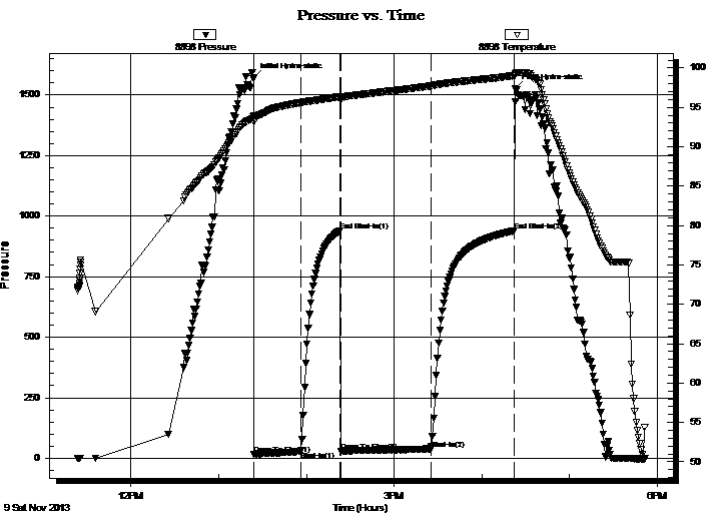
Time Off Btm: 2013.11.09 @ 16:22:38

TEST COMMENT: Weak surface blow built to 1"

Dead no blow back

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.69	93.87	Initial Hydro-static
1	16.09	93.20	Open To Flow (1)
32	27.71	95.60	Shut-In(1)
60	941.45	96.37	End Shut-In(1)
60	29.25	95.83	Open To Flow (2)
121	37.30	97.73	Shut-In(2)
179	939.82	99.04	End Shut-In(2)
179	1526.18	99.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	100%M	0.30

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55827

**DST#: 2**

ATTN: Pete Debenham

Test Start: 2013.11.09 @ 11:23:38

## Tool Information

Drill Pipe:	Length: 3158.00 ft	Diameter: 3.80 inches	Volume: 44.30 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 44.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3204.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3189.00	
Hydraulic tool	5.00			3194.00	
Packer	5.00			3199.00	20.00 Bottom Of Top Packer
Packer	5.00			3204.00	
Stubb	1.00			3205.00	
Perforations	7.00			3212.00	
Change Over Sub	1.00			3213.00	
Recorder	0.00	8897	Inside	3213.00	
Recorder	0.00	8898	Outside	3213.00	
Drill Pipe	63.00			3276.00	
Change Over Sub	1.00			3277.00	
Bullnose	3.00			3280.00	76.00 Bottom Packers & Anchor

**Total Tool Length: 96.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55827

**DST#: 2**

ATTN: Pete Debenham

Test Start: 2013.11.09 @ 11:23:38

## 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	100%M	0.297

Total Length: 40.00 ft      Total Volume: 0.297 bbl

Num Fluid Samples: 0

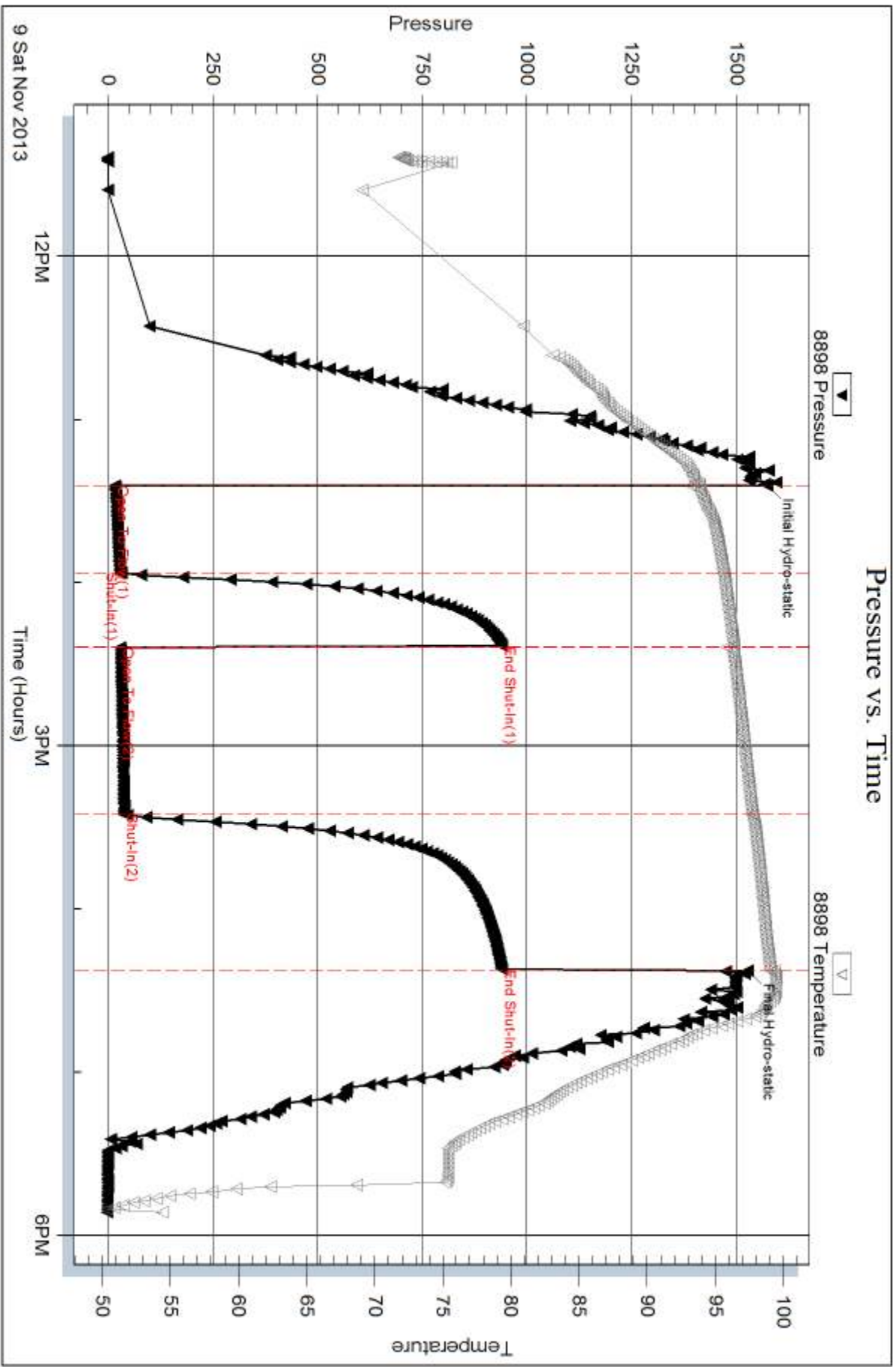
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



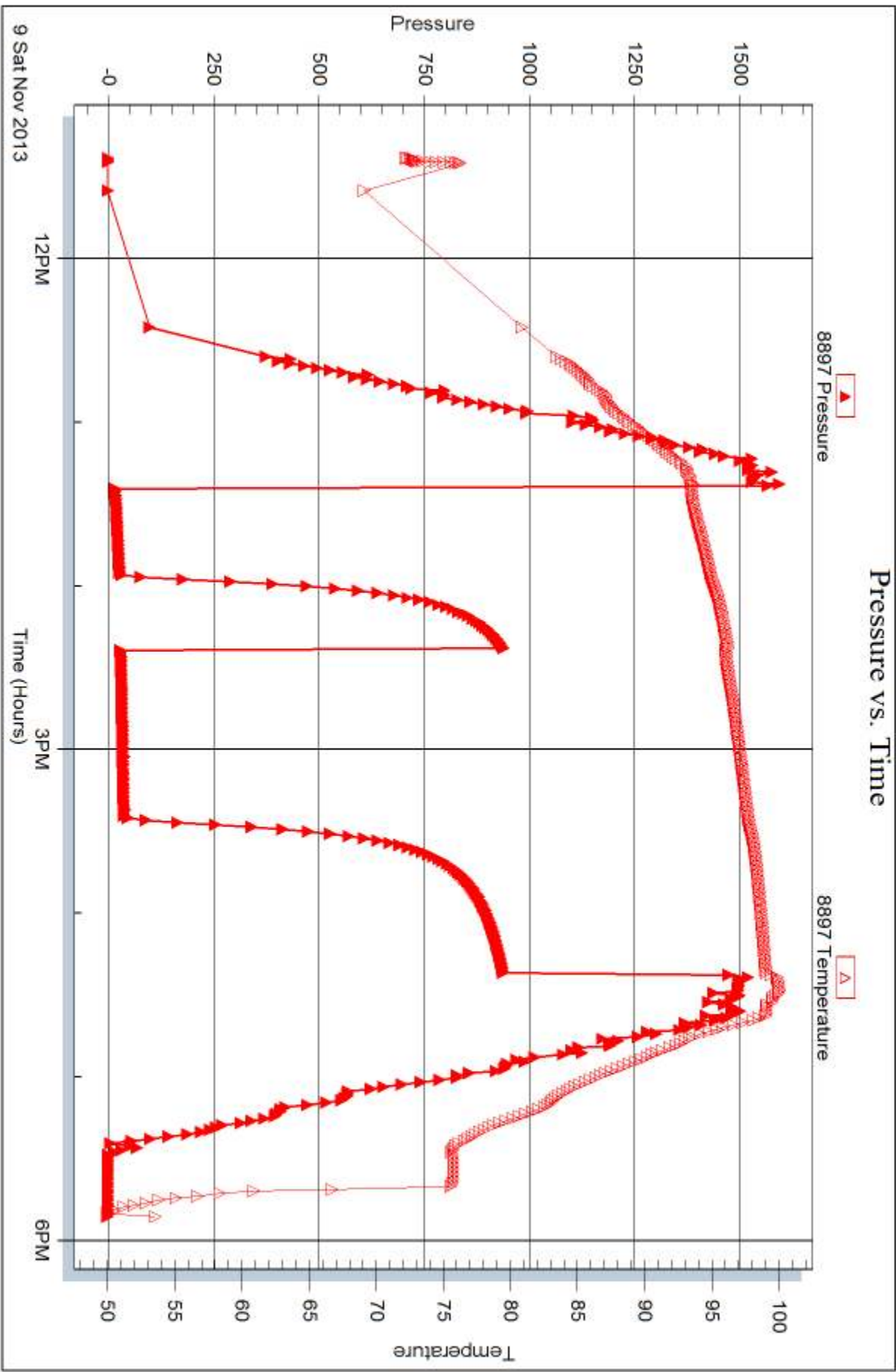
Serial #: 8897

Inside

Coral Production Corp.

Baxter-Miller #29-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 55827

Printed: 2013.11.14 @ 13:57:35



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

#### **29-6s-19w Rooks,KS**

Start Date: 2013.11.10 @ 04:45:36

End Date: 2013.11.10 @ 11:09:06

Job Ticket #: 55828                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:57:06



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

ATTN: Pete Debenham

Job Ticket: 55828

**DST#: 3**

Test Start: 2013.11.10 @ 04:45:36

## GENERAL INFORMATION:

Formation: **LKC A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:44:06

Time Test Ended: 11:09:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

**Interval: 3326.00 ft (KB) To 3380.00 ft (KB) (TVD)**

Reference Elevations: 2079.00 ft (KB)

Total Depth: 3380.00 ft (KB) (TVD)

2071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 17.25 psig @ 3335.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.10

End Date:

2013.11.10

Last Calib.:

2013.11.10

Start Time: 04:45:37

End Time:

11:09:06

Time On Btm:

2013.11.10 @ 06:43:56

Time Off Btm:

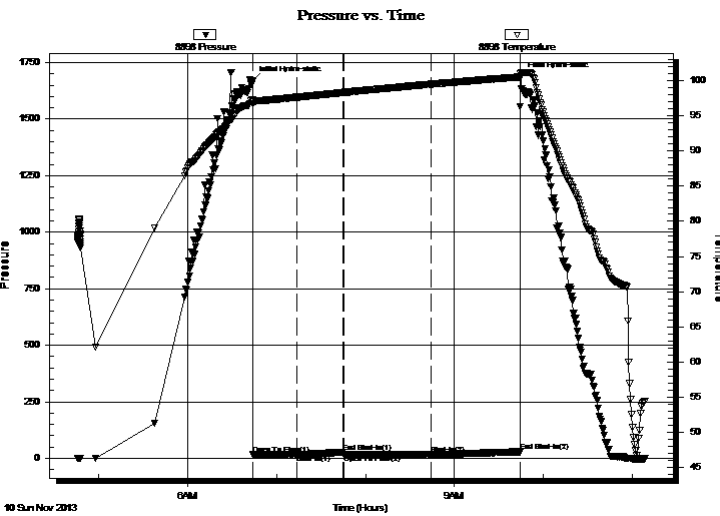
2013.11.10 @ 09:45:06

**TEST COMMENT:** Weak surface blow built to 1/2"

Dead no blow back

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.13	97.31	Initial Hydro-static
1	15.76	96.67	Open To Flow (1)
30	16.26	97.66	Shut-In(1)
61	28.04	98.33	End Shut-In(1)
62	16.30	98.33	Open To Flow (2)
121	17.25	99.51	Shut-In(2)
181	28.87	100.54	End Shut-In(2)
182	1689.38	101.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M	0.00

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55828

**DST#: 3**

ATTN: Pete Debenham

Test Start: 2013.11.10 @ 04:45:36

## Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 46.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3326.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3311.00	
Hydraulic tool	5.00			3316.00	
Packer	5.00			3321.00	20.00 Bottom Of Top Packer
Packer	5.00			3326.00	
Stubb	1.00			3327.00	
Perforations	7.00			3334.00	
Change Over Sub	1.00			3335.00	
Recorder	0.00	8897	Inside	3335.00	
Recorder	0.00	8898	Outside	3335.00	
Drill Pipe	31.00			3366.00	
Change Over Sub	1.00			3367.00	
Perforations	10.00			3377.00	
Bullnose	3.00			3380.00	54.00 Bottom Packers & Anchor

**Total Tool Length: 74.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55828

**DST#: 3**

ATTN: Pete Debenham

Test Start: 2013.11.10 @ 04:45:36

## 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%M	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

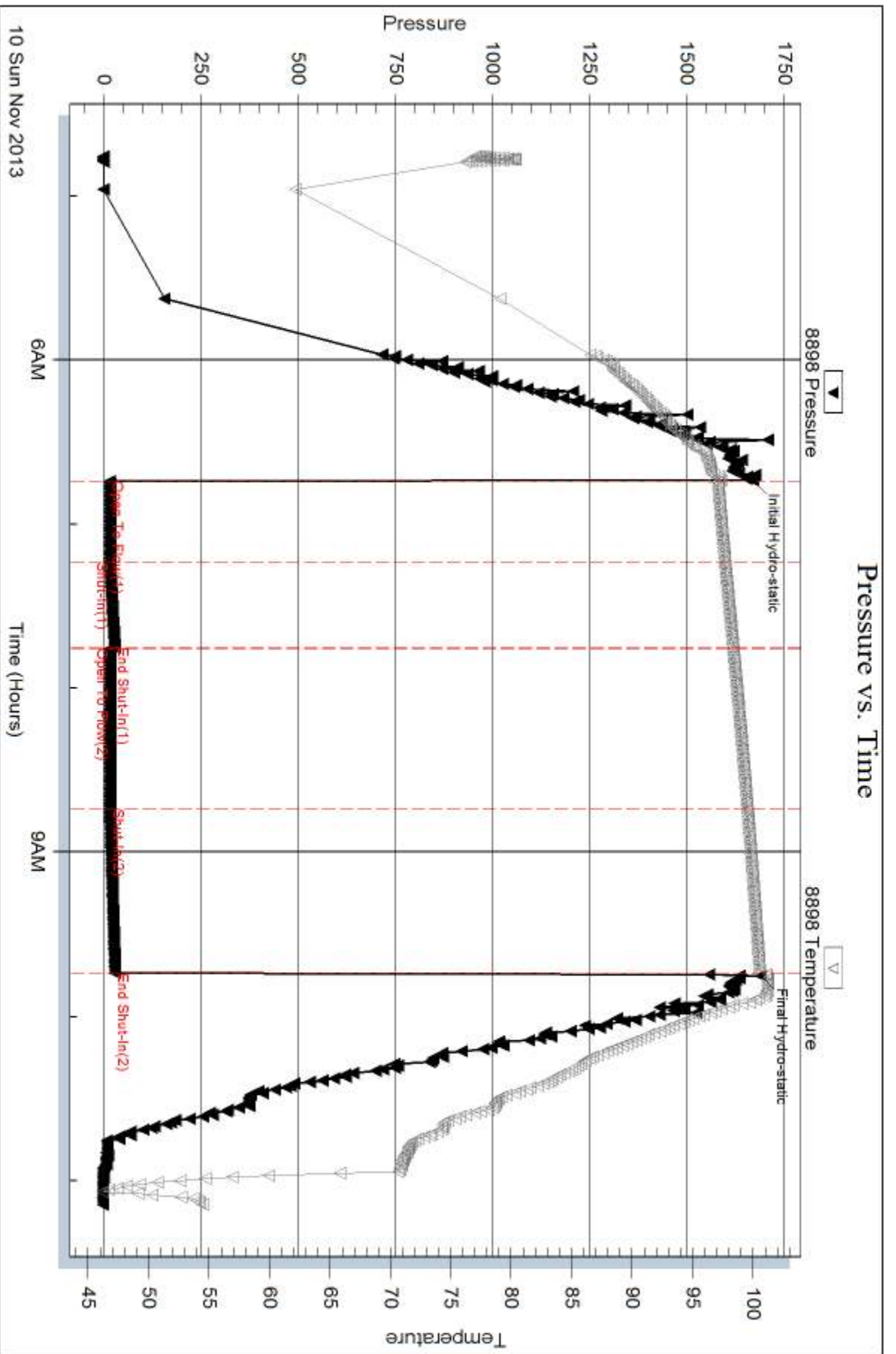
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



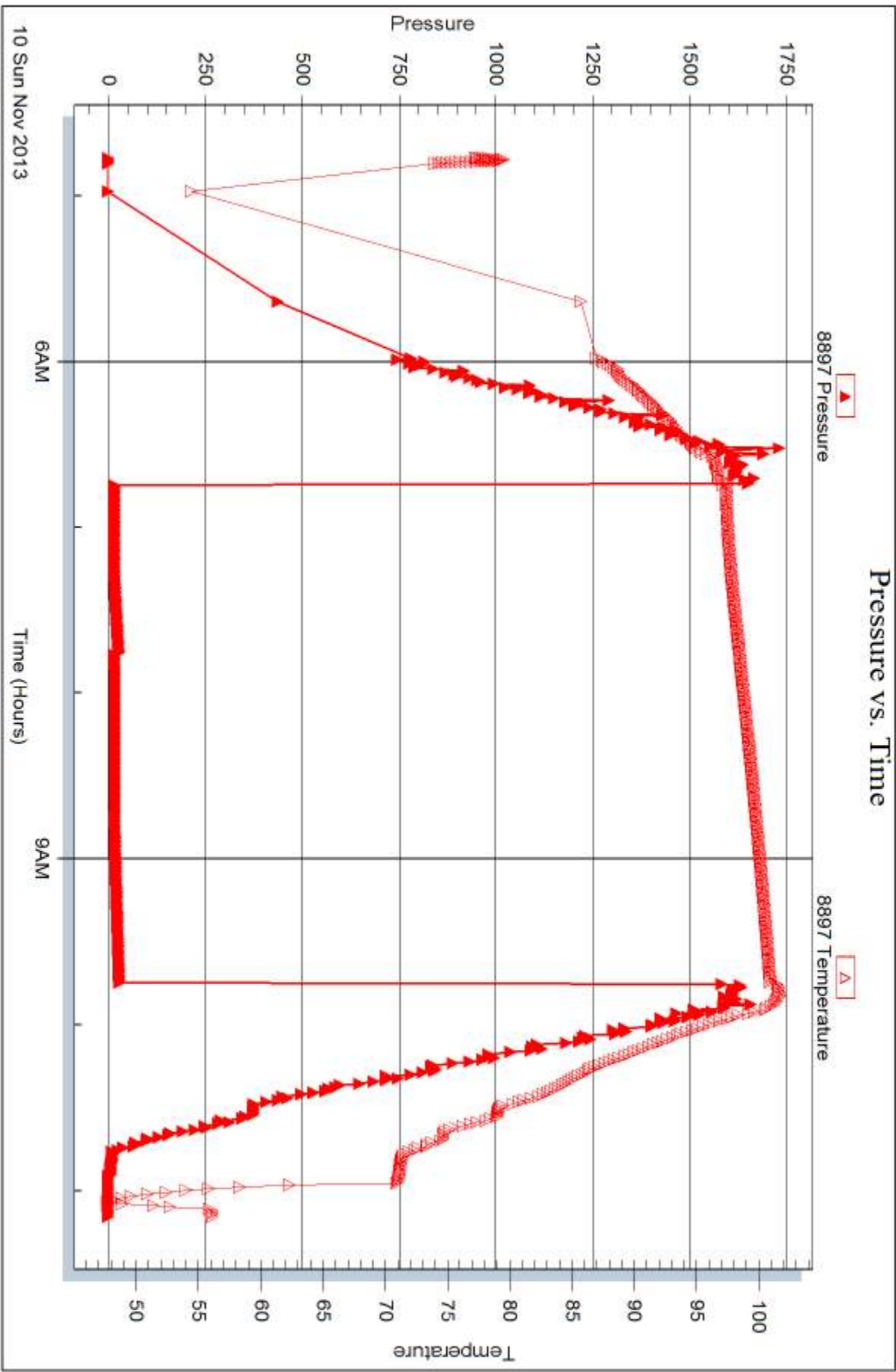
Serial #: 8897

Inside

Coral Production Corp.

Baxter-Miller #29-1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 55828

Printed: 2013.11.14 @ 13:57:07



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

### **29-6s-19w Rooks,KS**

Start Date: 2013.11.10 @ 17:28:23

End Date: 2013.11.11 @ 00:55:53

Job Ticket #: 55829                      DST #: 4

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:56:03



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

ATTN: Pete Debenham

Job Ticket: 55829

**DST#: 4**

Test Start: 2013.11.10 @ 17:28:23

## GENERAL INFORMATION:

Formation: **Lansing E&G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:23

Time Test Ended: 00:55:53

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

**Interval: 3392.00 ft (KB) To 3414.00 ft (KB) (TVD)**

Total Depth: 3392.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2079.00 ft (KB)

2071.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 192.69 psig @ 3401.00 ft (KB)

Start Date: 2013.11.10

End Date:

2013.11.11

Start Time: 17:28:24

End Time:

00:55:53

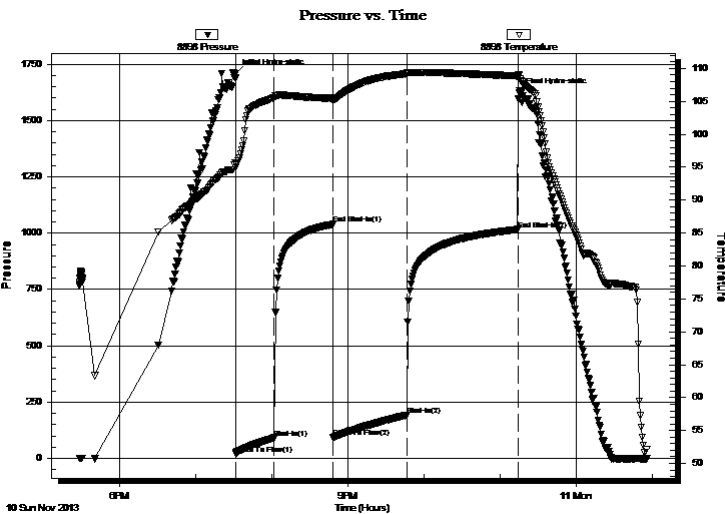
Capacity: 8000.00 psig

Last Calib.: 2013.11.11

Time On Btm: 2013.11.10 @ 19:31:13

Time Off Btm: 2013.11.10 @ 23:14:32

**TEST COMMENT:** B.O.B. In 18 mins.  
Dead no blow back  
B.O.B. In 24 mins.  
Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1707.89	95.62	Initial Hydro-static
1	19.84	94.89	Open To Flow (1)
31	90.89	105.56	Shut-In(1)
77	1038.97	105.46	End Shut-In(1)
77	94.05	105.12	Open To Flow (2)
135	192.69	109.19	Shut-In(2)
223	1016.42	108.86	End Shut-In(2)
224	1623.95	108.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	98%W 2%M	3.94
80.00	60%W 40%M with oil spots	1.12

## Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55829

**DST#: 4**

ATTN: Pete Debenham

Test Start: 2013.11.10 @ 17:28:23

## Tool Information

Drill Pipe:	Length: 3347.00 ft	Diameter: 3.80 inches	Volume: 46.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3392.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3377.00	
Hydraulic tool	5.00			3382.00	
Packer	5.00			3387.00	20.00 Bottom Of Top Packer
Packer	5.00			3392.00	
Stubb	1.00			3393.00	
Perforations	8.00			3401.00	
Recorder	0.00	8897	Inside	3401.00	
Recorder	0.00	8898	Outside	3401.00	
Perforations	10.00			3411.00	
Bullnose	3.00			3414.00	22.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>42.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55829

**DST#: 4**

ATTN: Pete Debenham

Test Start: 2013.11.10 @ 17:28:23

## 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:

25000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
300.00	98%W 2%M	3.944
80.00	60%W 40%M with oil spots	1.122

Total Length: 380.00 ft

Total Volume: 5.066 bbl

Num Fluid Samples: 0

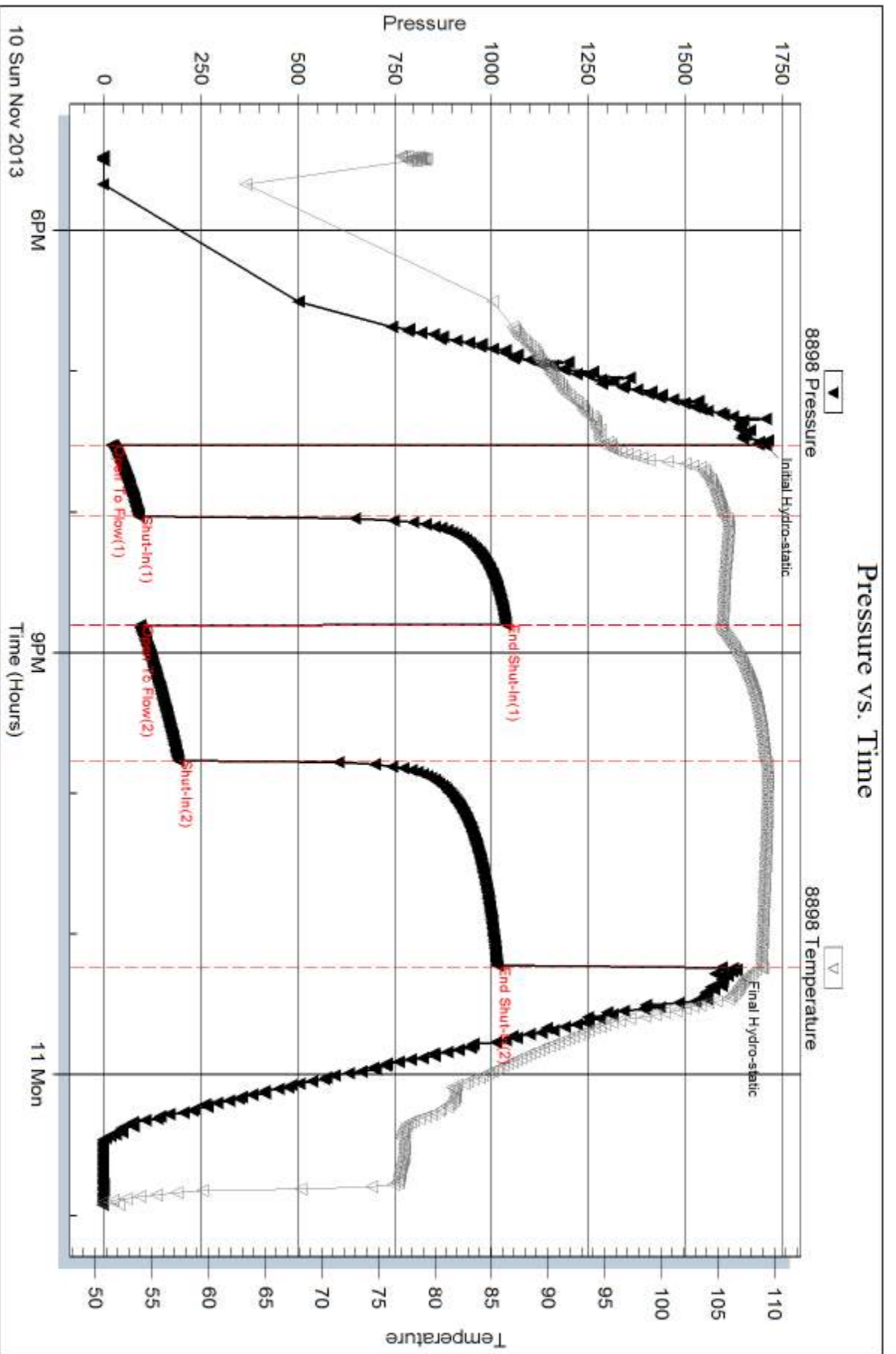
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



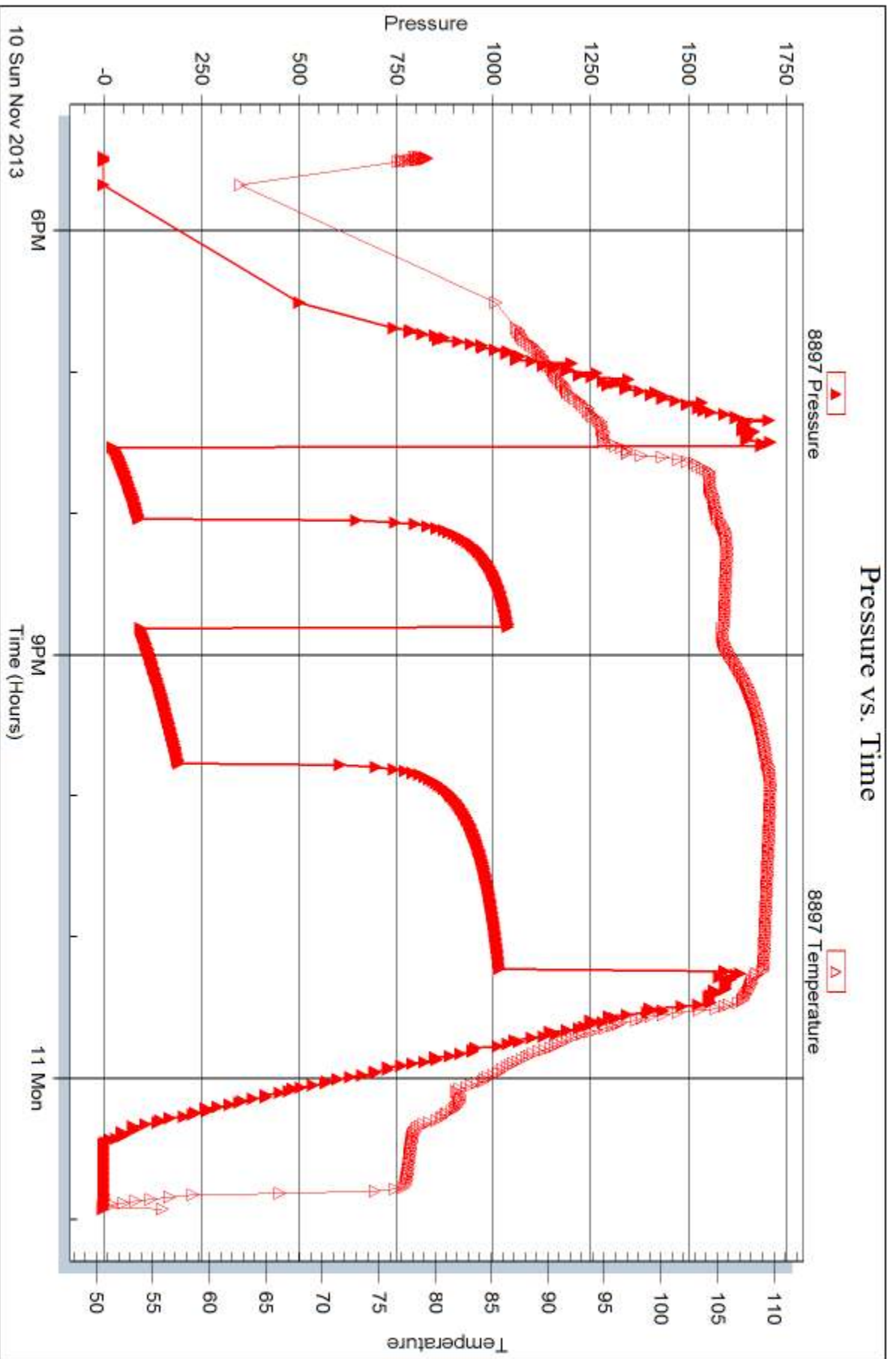
Serial #: 8897

Inside

Coral Production Corp.

Baxter-Miller #29-1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 55829

Printed: 2013.11.14 @ 13:56:05



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

### **29-6s-19w Rooks,KS**

Start Date: 2013.11.11 @ 15:08:10

End Date: 2013.11.11 @ 21:09:49

Job Ticket #: 55830                      DST #: 5

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:54:46



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

ATTN: Pete Debenham

Job Ticket: 55830

**DST#: 5**

Test Start: 2013.11.11 @ 15:08:10

## GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:31:20

Time Test Ended: 21:09:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

**Interval: 3424.00 ft (KB) To 3514.00 ft (KB) (TVD)**

Reference Elevations: 2079.00 ft (KB)

Total Depth: 3514.00 ft (KB) (TVD)

2071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 29.18 psig @ 3434.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.11

End Date:

2013.11.11

Last Calib.: 2013.11.11

Start Time: 15:08:11

End Time:

21:09:50

Time On Btm: 2013.11.11 @ 17:31:10

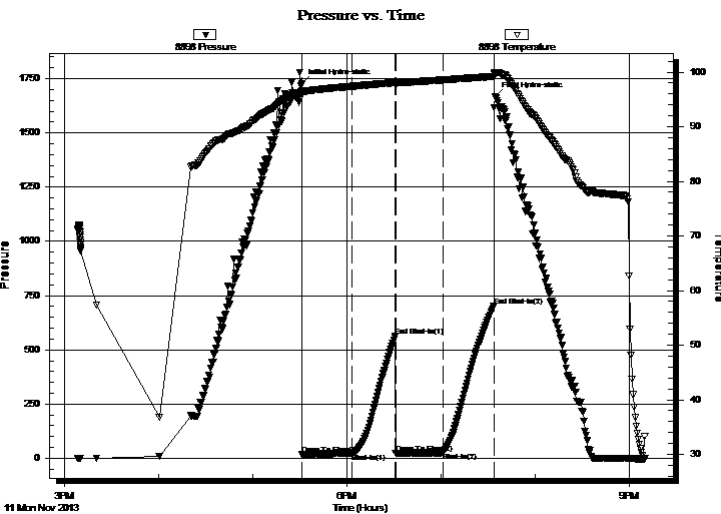
Time Off Btm: 2013.11.11 @ 19:34:19

**TEST COMMENT:** Weak surface blow built to 1"

Dead no blow back

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1725.44	96.52	Initial Hydro-static
1	18.53	95.78	Open To Flow (1)
33	22.88	97.41	Shut-In(1)
60	562.12	98.08	End Shut-In(1)
60	21.79	97.76	Open To Flow (2)
90	29.18	98.56	Shut-In(2)
123	700.57	99.22	End Shut-In(2)
124	1668.61	99.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M With oil spots	0.05

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55830

**DST#: 5**

ATTN: Pete Debenham

Test Start: 2013.11.11 @ 15:08:10

## Tool Information

Drill Pipe:	Length: 3380.00 ft	Diameter: 3.80 inches	Volume: 47.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3424.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3409.00	
Hydraulic tool	5.00			3414.00	
Packer	5.00			3419.00	20.00 Bottom Of Top Packer
Packer	5.00			3424.00	
Stubb	1.00			3425.00	
Perforations	8.00			3433.00	
Change Over Sub	1.00			3434.00	
Recorder	0.00	8897	Inside	3434.00	
Recorder	0.00	8898	Outside	3434.00	
Drill Pipe	62.00			3496.00	
Change Over Sub	1.00			3497.00	
Perforations	14.00			3511.00	
Bullnose	3.00			3514.00	90.00 Bottom Packers & Anchor

**Total Tool Length: 110.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55830

**DST#: 5**

ATTN: Pete Debenham

Test Start: 2013.11.11 @ 15:08:10

## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M With oil spots	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

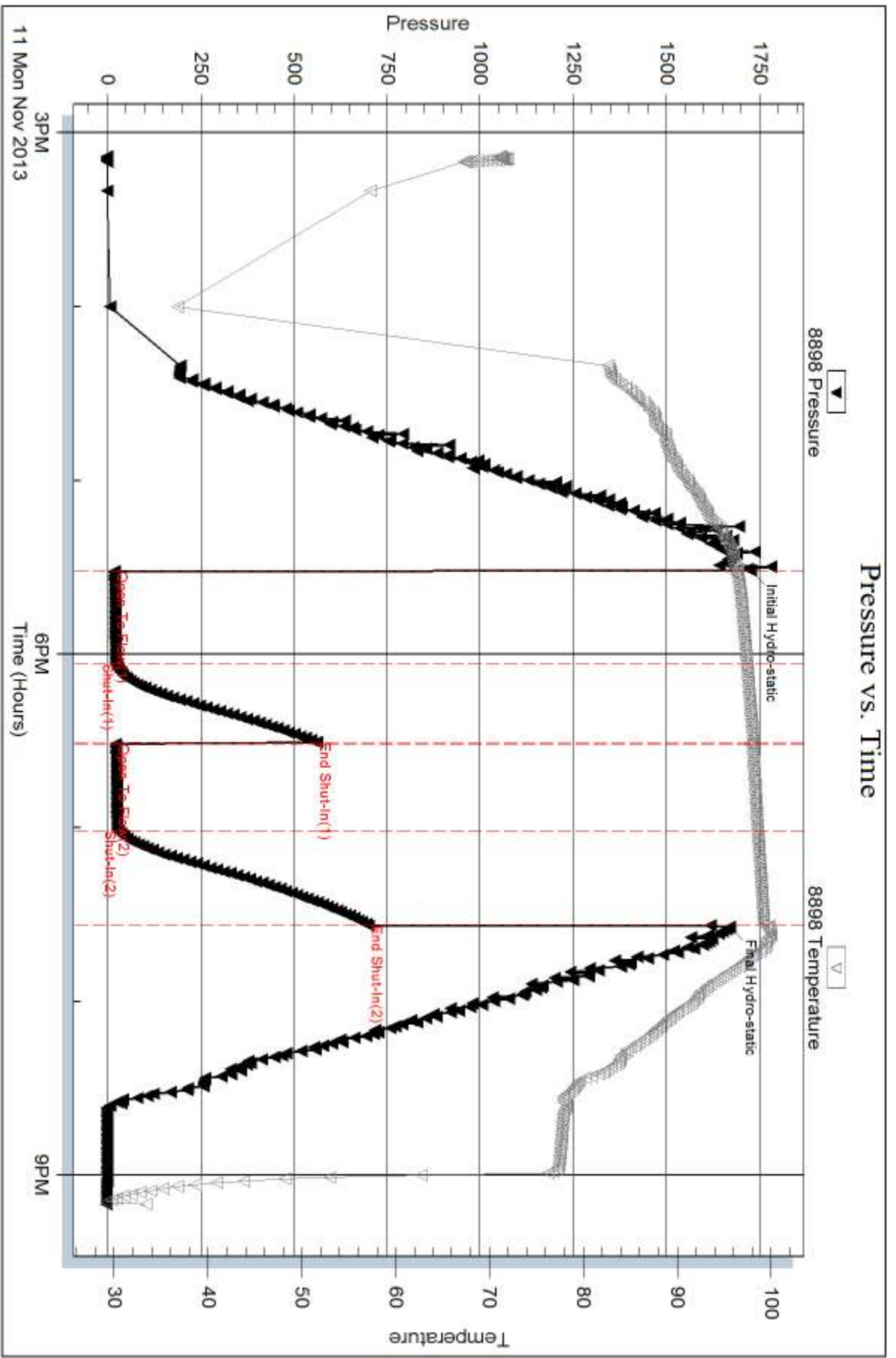
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



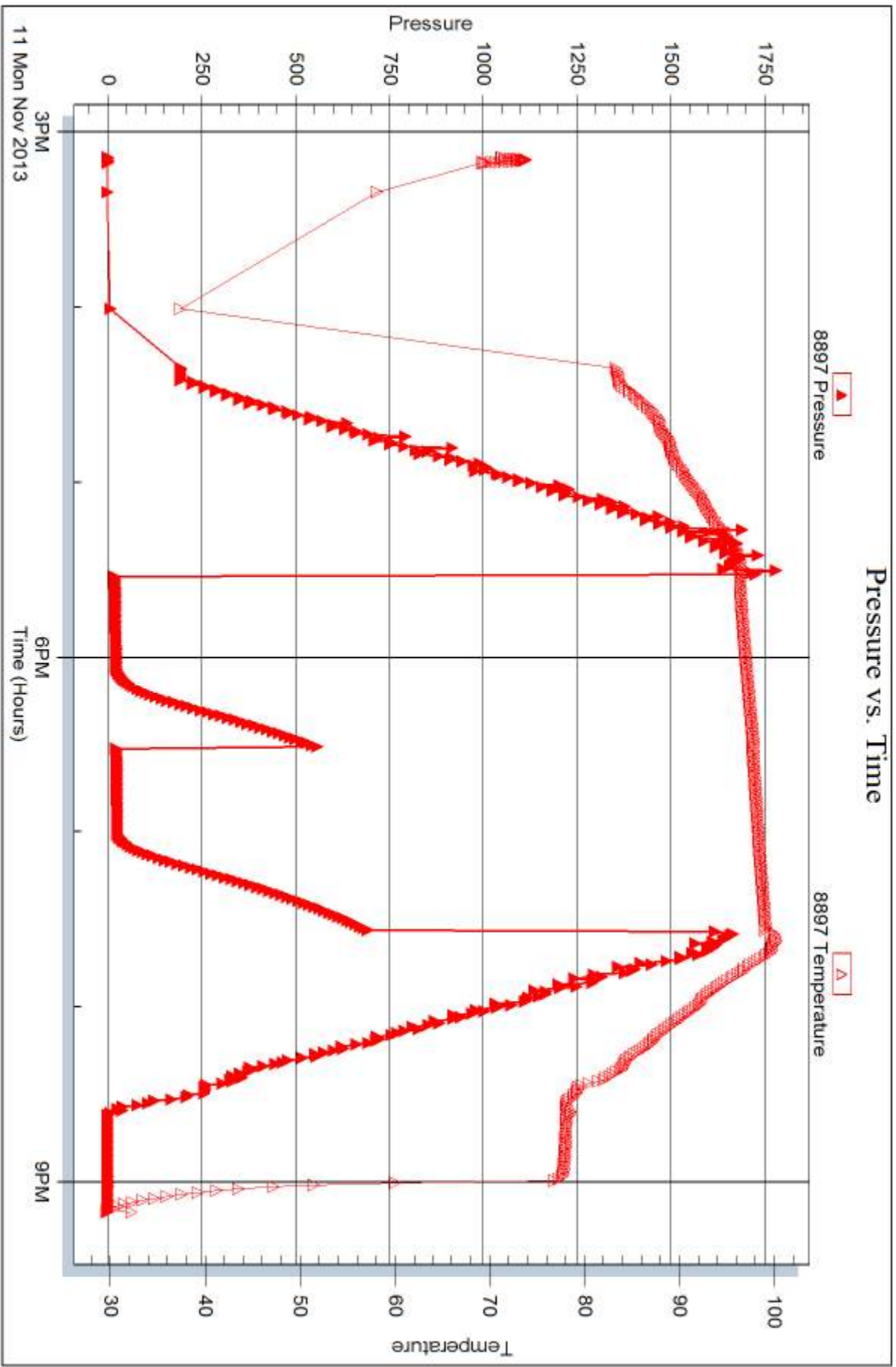
Serial #: 8897

Inside

Coral Production Corp.

Baxter-Miller #29-1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 55830

Printed: 2013.11.14 @ 13:54:47



## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St STE 1500  
Denver, CO 80202

ATTN: Pete Debenham

### **Baxter-Miller #29-1**

### **29-6s-19w Rooks,KS**

Start Date: 2013.11.12 @ 06:48:47

End Date: 2013.11.12 @ 12:31:17

Job Ticket #: 55831                      DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.14 @ 13:53:08



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

ATTN: Pete Debenham

Job Ticket: 55831

**DST#: 6**

Test Start: 2013.11.12 @ 06:48:47

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:07

Time Test Ended: 12:31:17

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

**Interval: 3490.00 ft (KB) To 3571.00 ft (KB) (TVD)**

Reference Elevations: 2079.00 ft (KB)

Total Depth: 3571.00 ft (KB) (TVD)

2071.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press@RunDepth: 25.51 psig @ 3505.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.12

End Date:

2013.11.12

Last Calib.:

2013.11.12

Start Time: 06:48:48

End Time:

12:31:17

Time On Btm:

2013.11.12 @ 08:56:47

Time Off Btm:

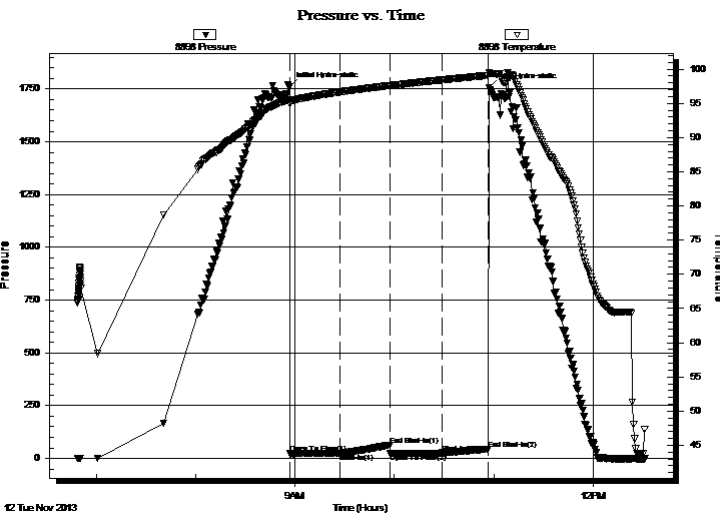
2013.11.12 @ 10:57:07

TEST COMMENT: Weak surface blow built to 1"

Dead no blow back

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.70	95.52	Initial Hydro-static
1	21.59	94.93	Open To Flow (1)
31	23.79	96.65	Shut-In(1)
61	63.54	97.60	End Shut-In(1)
61	24.09	97.59	Open To Flow (2)
92	25.51	98.42	Shut-In(2)
120	44.53	99.08	End Shut-In(2)
121	1755.67	99.52	Final Hydro-static

## Recovery

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

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55831

**DST#: 6**

ATTN: Pete Debenham

Test Start: 2013.11.12 @ 06:48:47

## Tool Information

Drill Pipe:	Length: 3473.00 ft	Diameter: 3.80 inches	Volume: 48.72 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3490.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3475.00	
Hydraulic tool	5.00			3480.00	
Packer	5.00			3485.00	20.00 Bottom Of Top Packer
Packer	5.00			3490.00	
Stubb	1.00			3491.00	
Perforations	13.00			3504.00	
Change Over Sub	1.00			3505.00	
Recorder	0.00	8897	Inside	3505.00	
Recorder	0.00	8898	Outside	3505.00	
Drill Pipe	62.00			3567.00	
Change Over Sub	1.00			3568.00	
Bullnose	3.00			3571.00	81.00 Bottom Packers & Anchor

**Total Tool Length: 101.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.

**29-6s-19w Rooks,KS**

1600 Stout St STE 1500  
Denver, CO 80202

**Baxter-Miller #29-1**

Job Ticket: 55831

**DST#: 6**

ATTN: Pete Debenham

Test Start: 2013.11.12 @ 06:48:47

## 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

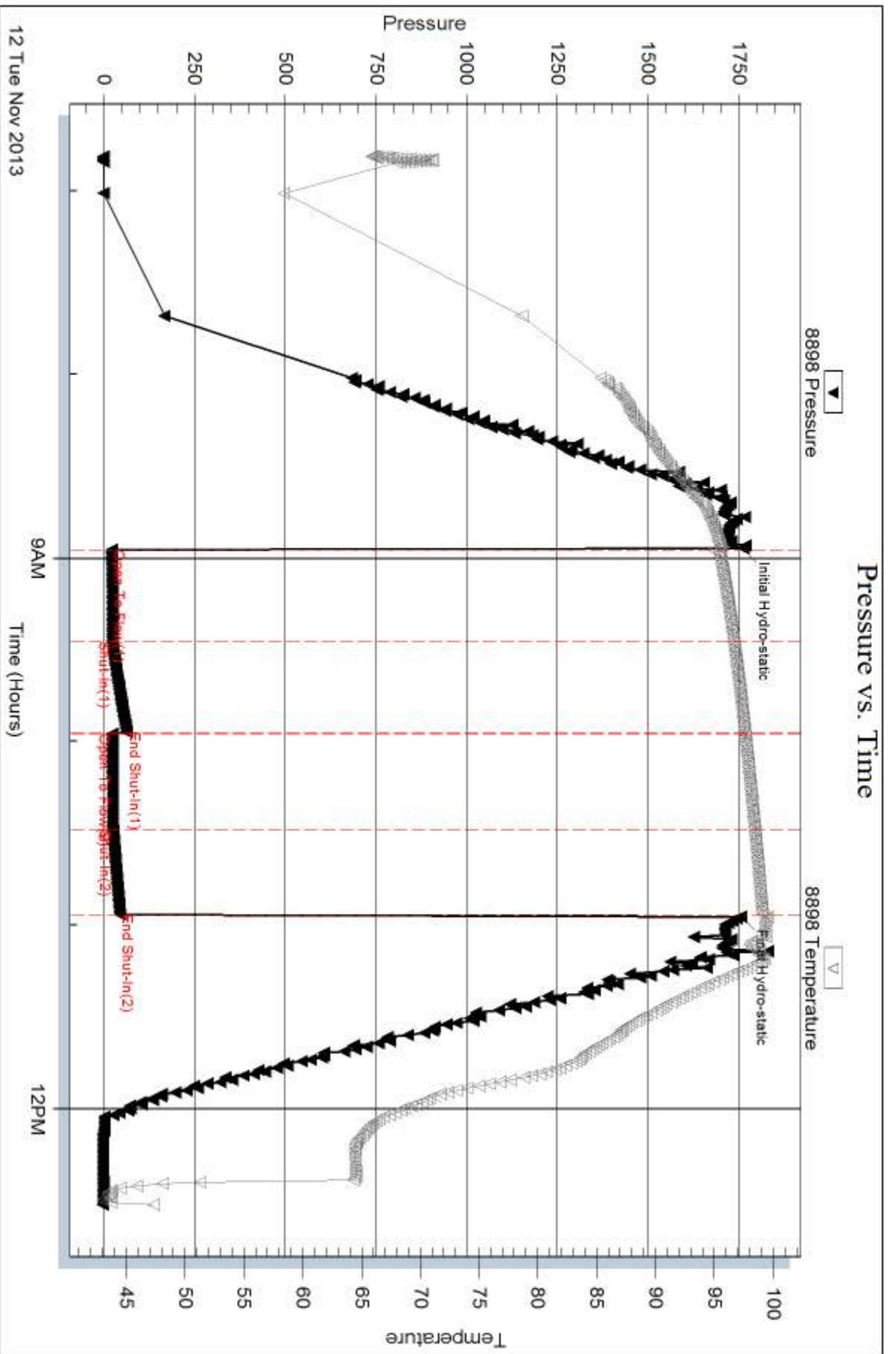
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



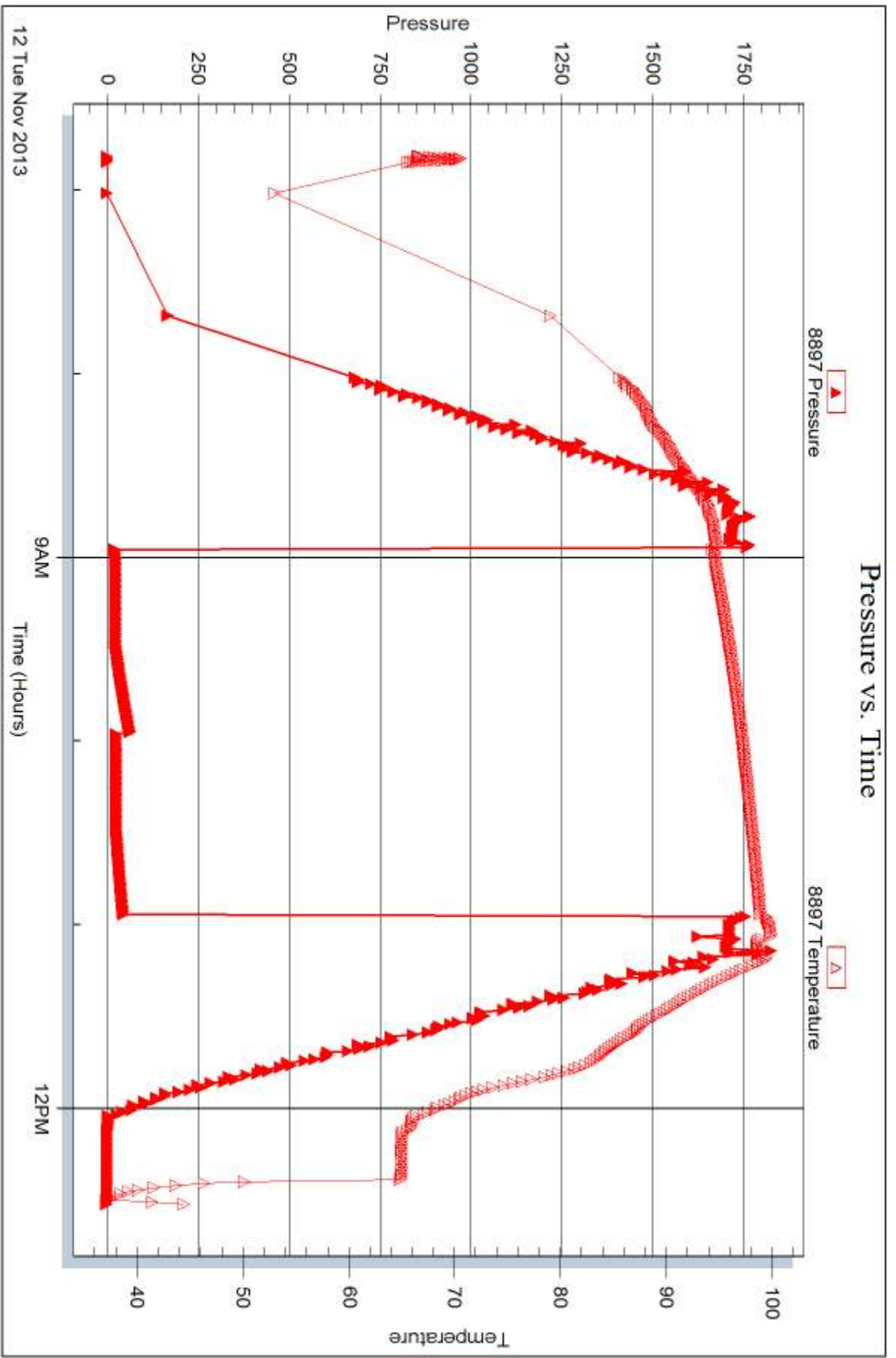
Serial #: 8897

Inside

Coral Production Corp.

Baxter-Miller #29-1

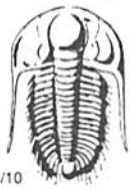
DST Test Number: 6



Tribble Testing, Inc

Ref. No: 55831

Printed: 2013.11.14 @ 13:53:09



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55826

Well Name & No. Baxter/Miller #29-1 Test No. 1 Date 11-8-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stout St STE 1500 Denver, CO 80202  
 Co. Rep / Geo. Pete Debenham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. Books State KS

Interval Tested 3082 3186 Zone Tested Toronto  
 Anchor Length 104 Drill Pipe Run 3064 Mud Wt. 8.6  
 Top Packer Depth 3078 Drill Collars Run 24 Vis 50  
 Bottom Packer Depth 3082 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3186 Chlorides 250 ppm System LCM 1 1/2 #

Blow Description Newk surface blow built to 1 1/2 in  
Dead no blow back  
Dead no show  
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>600</u>	Feet of <u>mud show of oil on top</u>	%gas	%oil	%water	<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

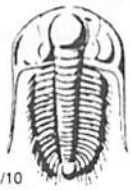
Rec Total 600 BHT 98 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1521  Test 1150 T-On Location 15:12  
 (B) First Initial Flow 46  Jars \_\_\_\_\_ T-Started 17:05  
 (C) First Final Flow 66  Safety Joint \_\_\_\_\_ T-Open 20:10  
 (D) Initial Shut-In 926  Circ Sub \_\_\_\_\_ T-Pulled 23:10  
 (E) Second Initial Flow 67  Hourly Standby \_\_\_\_\_ T-Out 00:47  
 (F) Second Final Flow 74  Mileage 112 R/H 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 817  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1470  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 600  Day Standby \_\_\_\_\_ Total 1573.60  
 Final Shut-In 600  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1573.60

Approved By \_\_\_\_\_ Our Representative Pete Debenham

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **55827**

Well Name & No. Baxter / Miller #29-1 Test No. 2 Date 11-9-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stout St STE 1500 Denver, CO 80202  
 Co. Rep / Geo. Pete Debenham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. Rooks State KS

Interval Tested 3204 3280 Zone Tested Lower Topella  
 Anchor Length 76 Drill Pipe Run 3158 Mud Wt. 8.6  
 Top Packer Depth 3200 Drill Collars Run 29 Vis 47  
 Bottom Packer Depth 3204 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3280 Chlorides 500 ppm System LCM 2<sup>nd</sup>

Blow Description Weak surface blow built to lin  
Dead No blow back  
Dead No blow  
Dead No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>mud</u>				<u>100</u>

Rec Total 40 BHT 99 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1573  Test 1150 T-On Location 11:00  
 (B) First Initial Flow 17  Jars \_\_\_\_\_ T-Started 11:23  
 (C) First Final Flow 28  Safety Joint \_\_\_\_\_ T-Open 13:24  
 (D) Initial Shut-In 941  Circ Sub \_\_\_\_\_ T-Pulled 16:24  
 (E) Second Initial Flow 29  Hourly Standby \_\_\_\_\_ T-Out 17:51  
 (F) Second Final Flow 27  Mileage 112 R/H 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 940  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1526  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1573.60  
 Final Flow 60  Accessibility \_\_\_\_\_ MP/DST Disc't X  
 Final Shut-In 60 Sub Total 1573.60

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55828

Well Name & No. Baxter/Miller #29-1 Test No. 193 Date 11-10-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stuart St STE 1500 Denver, CO 80202  
 Co. Rep / Geo. Pete Debenham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. ROOKER State KS

Interval Tested 3326 3380 Zone Tested Lansing A-C  
 Anchor Length 54 Drill Pipe Run 3284 Mud Wt. 8.6  
 Top Packer Depth 3322 Drill Collars Run 29 Vis 47  
 Bottom Packer Depth 3326 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3380 Chlorides 500 ppm System LCM 2\*

Blow Description Weak surface blow built to 1/2 in  
Lead No blow back  
Lead No blow  
Lead No blow back

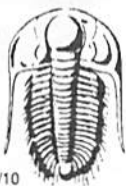
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>1</u>	Feet of <u>Mud</u>	%gas	%oil	%water <u>108</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT 101 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1669  Test 1150 T-On Location 04:27  
 (B) First Initial Flow 16  Jars — T-Started 04:45  
 (C) First Final Flow 16  Safety Joint — T-Open 06:43  
 (D) Initial Shut-In 28  Circ Sub — T-Pulled 07:43  
 (E) Second Initial Flow 16  Hourly Standby — T-Out 11:08  
 (F) Second Final Flow 17  Mileage 112 RT 173.60 Comments —  
 (G) Final Shut-In 29  Sampler —  
 (H) Final Hydrostatic 1639  Straddle —  Ruined Shale Packer —  
 Shale Packer 250  Ruined Packer —  
 Initial Open 30  Extra Packer —  Extra Copies —  
 Initial Shut-In 30  Extra Recorder — Sub Total 0  
 Final Flow 60  Day Standby — Total 1573.60  
 Final Shut-In 60  Accessibility — MP/DST Disc't X  
 Sub Total 1573.60

Approved By \_\_\_\_\_ Our Representative [Signature]  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55829

4/10

Well Name & No. Baxter / Miller #29H Test No. 4 Date 11-10-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stout St STE 1500 Denver, CO 80202  
 Co. Rep / Geo. Pete Deberham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. Boone State KS

Interval Tested 3392 3414 Zone Tested Lansing E & G  
 Anchor Length 22 Drill Pipe Run \_\_\_\_\_ Mud Wt. 8.9  
 Top Packer Depth 3388 Drill Collars Run 29 Vis 55  
 Bottom Packer Depth 3392 Wt. Pipe Run 0 WL 8.0  
 Total Depth 3414 Chlorides 500 ppm System LCM 2#

Blow Description B.O.B. 18 mins  
Dead is blow back  
B.O.B. 24 mins  
Dead is blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>Feet of MCW Oil spots</u>			<u>68</u>	<u>40</u>
<u>300</u>	<u>Feet of VSMCW</u>			<u>98</u>	<u>2</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total <u>380</u>	BHT <u>100</u>	Gravity <u>-</u>	API RW <u>381 @ 50</u>	F Chlorides <u>25000</u>	ppm

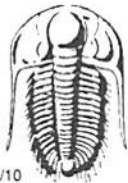
(A) Initial Hydrostatic 1708  Test 1150 T-On Location 17:20  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 17:28  
 (C) First Final Flow 1891  Safety Joint \_\_\_\_\_ T-Open 19:32  
 (D) Initial Shut-In 1039  Circ Sub \_\_\_\_\_ T-Pulled 23:17  
 (E) Second Initial Flow 94  Hourly Standby \_\_\_\_\_ T-Out 00:56  
 (F) Second Final Flow 143  Mileage 112R17 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 1016  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1624  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Open 30  Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 60  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Total 1573.60  
 Accessibility \_\_\_\_\_ MP/DST Disc't X  
 Sub Total 1573.60

Approved By \_\_\_\_\_ Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55830

Well Name & No. Baxter/Miller #29-1 Test No. 5 Date 11-11-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stout St STE 1500 Denver, CO 80202  
 Co. Rep / Geo. Pete Debenham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. Roots State KS

Interval Tested 3424 3514 Zone Tested Lansing H-K  
 Anchor Length 90 Drill Pipe Run 3380 Mud Wt. 8.9  
 Top Packer Depth 3420 Drill Collars Run 29 Vis 55  
 Bottom Packer Depth 3424 Wt. Pipe Run 0 WL 6.7  
 Total Depth 3514 Chlorides 500 ppm System LCM 2#

Blow Description Weak surface blow built to lin  
Dead no blow back  
Dead no blow  
Dead no blow back

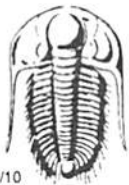
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>mud with oil spots</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 99 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1725  Test 1150 T-On Location 14:25  
 (B) First Initial Flow 19  Jars \_\_\_\_\_ T-Started 15:08  
 (C) First Final Flow 23  Safety Joint \_\_\_\_\_ T-Open 17:32  
 (D) Initial Shut-In 562  Circ Sub \_\_\_\_\_ T-Pulled 19:32  
 (E) Second Initial Flow 22  Hourly Standby \_\_\_\_\_ T-Out 21:09  
 (F) Second Final Flow 29  Mileage 112 R/T 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 701  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1669  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1573.60  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't X  
 Final Shut-In 30 Sub Total 1573.60

Approved By \_\_\_\_\_ Our Representative [Signature]  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55831

Well Name & No. Baxter/Miller #29-1 Test No. 6 Date 11-12-13  
 Company Coral Production Corp Elevation 2079 KB 2071 GL  
 Address 1600 Stout St STE 500 Denver, CO 80202  
 Co. Rep / Geo. Pete Dehenham Rig Maverick #108  
 Location: Sec. 29 Twp. 6S Rge. 19W Co. Rooks State KS

Interval Tested 3490 3571 Zone Tested Arbuckle  
 Anchor Length 81 Drill Pipe Run 3441 Mud Wt. 9.10  
 Top Packer Depth 3486 Drill Collars Run 29 Vis 59  
 Bottom Packer Depth 3490 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3571 Chlorides 500 ppm System LCM #

Blow Description Weak surface blow built to lin  
Dead no blow back  
Dead no blow  
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1761  Test 1150 T-On Location 0605  
 (B) First Initial Flow 22  Jars \_\_\_\_\_ T-Started 0648  
 (C) First Final Flow 24  Safety Joint \_\_\_\_\_ T-Open 08:56  
 (D) Initial Shut-In 64  Circ Sub \_\_\_\_\_ T-Pulled 10:56  
 (E) Second Initial Flow 24  Hourly Standby \_\_\_\_\_ T-Out 12:30  
 (F) Second Final Flow 26  Mileage 112 X 2 347.20 Comments Good  
 (G) Final Shut-In 45  Sampler \_\_\_\_\_ 23:30  
 (H) Final Hydrostatic 1756  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Open 30  Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 30  Day Standby \_\_\_\_\_ Total 1747.20  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1747.20

Approved By \_\_\_\_\_ Our Representative [Signature]  
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