



KANSAS CORPORATION COMMISSION 1097412
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 # 32639
Name: Coral Production Corporation
Address 1: 1600 STOUT ST STE 1500
Address 2: _____
City: DENVER State: CO Zip: 80202 + 3133
Contact Person: JIM WEBER
Phone: (303) 623-3573
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: RICHARD HALL
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>09/28/2012</u>	<u>10/05/2012</u>	<u>10/05/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24079-00-00

Spot Description: _____
SW SW SW NW Sec. 30 Twp. 6 S. R. 19 East West
2620 Feet from North / South Line of Section
150 Feet from East / West Line of Section

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

County: Rooks
Lease Name: COTTONWOOD Well #: 30-1

Field Name: _____
Producing Formation: N/A

Elevation: Ground: 2077 Kelly Bushing: 2085
Total Depth: 3658 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 233 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 cm.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 19000 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: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 10/24/2012



1097412

Operator Name: Coral Production Corporation Lease Name: COTTONWOOD Well #: 30-1
 Sec. 30 Twp. 6 S. R. 19 East West County: Rooks

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANHYDRITE</td> <td>1659</td> <td>+426</td> </tr> <tr> <td>TOPEKA</td> <td>3087</td> <td>-1002</td> </tr> <tr> <td>HEEBNER</td> <td>3283</td> <td>-1198</td> </tr> <tr> <td>LANSING</td> <td>3323</td> <td>-1238</td> </tr> <tr> <td>LANSING H</td> <td>3448</td> <td>-1363</td> </tr> <tr> <td>BKC</td> <td>3530</td> <td>-1445</td> </tr> <tr> <td>ARBUCKLE</td> <td>3597</td> <td>-1512</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	1659	+426	TOPEKA	3087	-1002	HEEBNER	3283	-1198	LANSING	3323	-1238	LANSING H	3448	-1363	BKC	3530	-1445	ARBUCKLE	3597	-1512
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LANSING H	3448	-1363																							
BKC	3530	-1445																							
ARBUCKLE	3597	-1512																							

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	233.23	COMMON	300	2% GEL, 3%CC

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. _____ Gas Mcf _____ Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5373

Date	9-28-12	Sec.	30	Twp.	6	Range	19	County	Rooks	State	KS	On Location	Finish	8:45 PM	
Lease	Cottonwood		Well No.	30-1		Location	Stockton, KS - N to E Rd, 12-14 W to								
Contractor	Discovery #1					Owner	7 Rd, 1/2 S E / Into								
Type Job	Surface					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	12 1/4"		T.D.	233'		Charge To	Coca: Production								
Csg.	3 5/8"		Depth	233'		Tbg. Size	Depth								
Tool	Depth					Street									
Cement Left in Csg.	15'		Shoe Joint	15'		City	State								
Meas Line	Displace 13 3/4 BLS					The above was done to satisfaction and supervision of owner agent or contractor.									
EQUIPMENT						Cement Amount Ordered	300 5X Common 3% CC								
Pumptrk	16	No.	Cementer	Nick		2 1/2 Gel									
			Helper			Common 300									
Bulktrk	4	No.	Driver	Levy		Poz. Mix									
			Driver			Gel. 6									
Botlcrk	p.u.	No.	Driver	Rick		Calcium 11									
			Driver			Hulls									
JOB SERVICES & REMARKS						Remarks: Cement did NOT Circulate.									
Rat Hole						Salt									
Mouse Hole						Flowseal									
Centralizers						Kol-Seal									
Baskets						Mud CLR 48									
D/V or Port Collar						CFL-117 or CD110 CAF 38									
Mix 200 5X Common 3% CC						Sand									
2 1/2 Gel + Displaced, shut in						Handling 317									
Cement did NOT Circulate.						FLOAT EQUIPMENT									
Ran 40' of 2" pipe down						Guide Shoe									
backside + mix 100 5X Common						Centralizer									
3% CC 2 1/2 Gel						Baskets 1									
Cement did Circulate.						(8 5/8")									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						Pumptrk Charge Surface									
						Mileage 47									
X Signature						Tax									
						Discount									
						Total Charge									

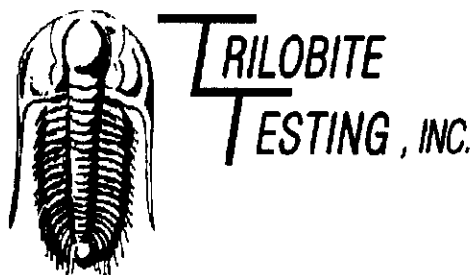
QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 00000

Date <u>10-5-12</u>	Sec. <u>30</u>	Twp. <u>6</u>	Range <u>19</u>	County <u>ROCKS</u>	State <u>KS</u>	On Location	Finish <u>4:00pm</u>	
Lease <u>Cottonwood</u>				Well No. <u>30-1</u>	Owner			
Contractor <u>D. S. ...</u>				To Quality Oilwell Cementing, Inc.				
Type Job <u>Repair</u>				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Hole Size <u>2 7/8</u>		T.D. <u>3658</u>		Charge To <u>CORNS</u>				
Csg.		Depth		Street				
Tbg. Size		Depth		City		State		
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered <u>245 1/2</u>				
Meas Line		Displace						
EQUIPMENT								
Pumptrk	No.	Cementer		Common				
		Helper		Poz. Mix				
Bulktrk	No.	Driver		Gel.				
		Driver		Calcium				
Bulktrk	No.	Driver		Hulls				
		Driver		Salt				
JOB SERVICES & REMARKS								
Remarks:				Flowseal				
Rat Hole <u>30</u>				Kol-Seal				
Mouse Hole <u>15</u>				Mud CLR 48				
Centralizers				CFL-117 or CD110 CAF 38				
Baskets				Sand				
D/V or Port Collar				Handling				
<u>1st</u>	<u>3617</u>	<u>255K</u>		Mileage				
<u>2nd</u>	<u>1625</u>	<u>255K</u>		FLOAT EQUIPMENT				
<u>3rd</u>	<u>977</u>	<u>1005K</u>		Guide Shoe				
<u>4th</u>	<u>283</u>	<u>405K</u>		Centralizer				
<u>5th</u>	<u>40</u>	<u>105K</u>		Baskets				
				AFU Inserts				
				Float Shoe				
				Latch Down				
				Pumptrk Charge				
				Mileage				
				Tax				
				Discount				
X Signature <u>[Signature]</u>				Total Charge				



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO. 80202+3133

ATTN: Rick Hall

Cottonwood #30-1

30-6s-19w Rooks,KS

Start Date: 2012.10.02 @ 04:58:05

End Date: 2012.10.02 @ 11:47:29

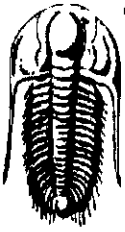
Job Ticket #: 49320 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.08 @ 11:07:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO. 80202+3133
ATTN: Rick Hall

30-6s-19w Rooks,KS

Cottonwood #30-1

Job Ticket: 49320 **DST#: 1**
Test Start: 2012.10.02 @ 04:58:05

GENERAL INFORMATION:

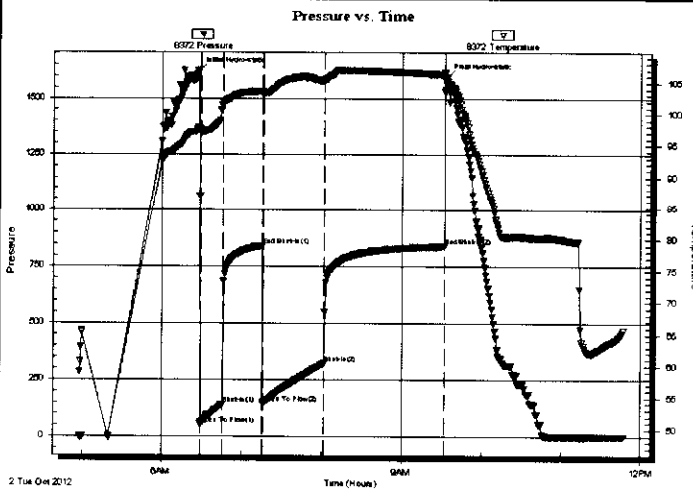
Formation: **LKC"A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:28:40
Time Test Ended: 11:47:29
Test Type: Conventional Bottom Hole (Initial)
Tester: Andy Carreira
Unit No: 39
Interval: **3280.00 ft (KB) To 3330.00 ft (KB) (TVD)**
Reference Elevations: 2085.00 ft (KB)
Total Depth: 3330.00 ft (KB) (TVD) 2077.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 8.00 ft

Serial #: 8372

Outside

Press@RunDepth: 323.01 psig @ 3290.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.02 End Date: 2012.10.02 Last Calib.: 2012.10.02
Start Time: 04:58:05 End Time: 11:47:29 Time On Btm: 2012.10.02 @ 06:27:20
Time Off Btm: 2012.10.02 @ 09:33:20

TEST COMMENT: IF:(15min) 6" Blow in 6 min. BOB in 12 min.
IS:(30min) No Return
FF:(45min) BOB in 15 min.
FS:(90min) No Return



PRESSURE SUMMARY

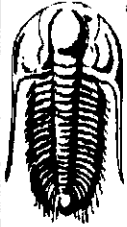
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1621.00	97.90	Initial Hydro-static
2	53.16	97.28	Open To Flow (1)
18	140.08	101.35	Shut-In(1)
48	841.05	103.59	End Shut-In(1)
49	144.32	103.28	Open To Flow (2)
95	323.01	105.41	Shut-In(2)
185	839.15	106.32	End Shut-In(2)
186	1595.97	104.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
395.00	MW m=5% w =95%	5.27
250.00	GOCMW g=5% o=10% m=35% w =50%	3.51
10.00	GO g=5% o=95%	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49320

DST#: 1

ATTN: Rick Hall

Test Start: 2012.10.02 @ 04:58:05

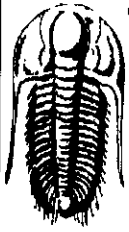
Tool Information

Drill Pipe:	Length: 3235.00 ft	Diameter: 3.80 inches	Volume: 45.38 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.53 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3280.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Safety Joint	3.00			3271.00	
Packer	5.00			3276.00	23.00 Bottom Of Top Packer
Packer	4.00			3280.00	
Stubb	1.00			3281.00	
Perforations	8.00			3289.00	
Change Over Sub	1.00			3290.00	
Recorder	0.00	8017	Inside	3290.00	
Recorder	0.00	8372	Outside	3290.00	
Drill Pipe	31.00			3321.00	
Change Over Sub	1.00			3322.00	
Perforations	5.00			3327.00	
Bullnose	3.00			3330.00	50.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49320

DST#: 1

ATTN: Rick Hall

Test Start: 2012.10.02 @ 04:58:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 64.00 sec/qt

Water Loss: 7.55 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 70000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
395.00	MW m=5% w=95%	5.268
250.00	GOCMW g=5% o=10% m=35% w=50%	3.507
10.00	GO g=5% o=95%	0.140

Total Length: 655.00 ft

Total Volume: 8.915 bbl

Num Fluid Samples: 0

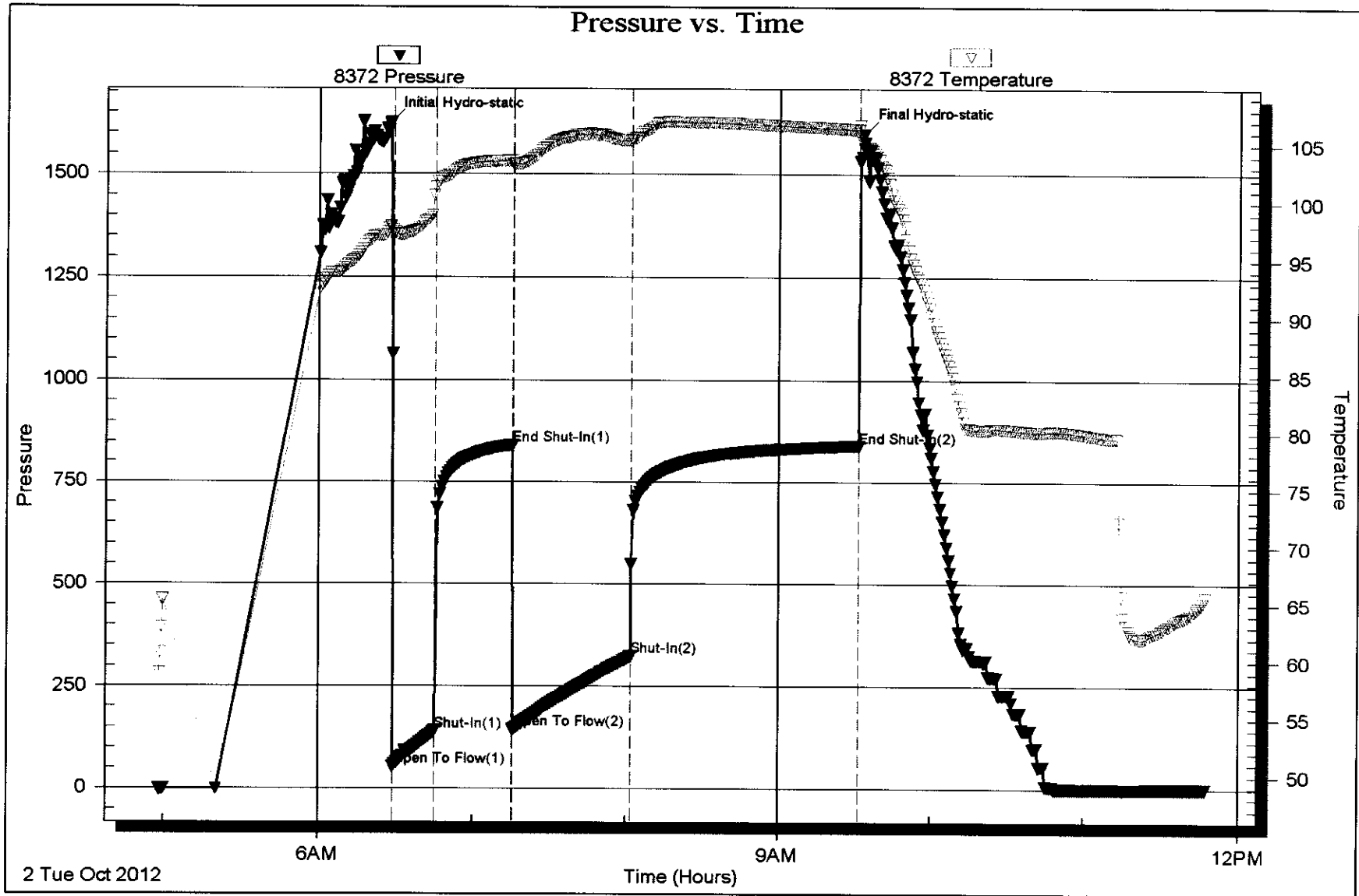
Num Gas Bombs: 0

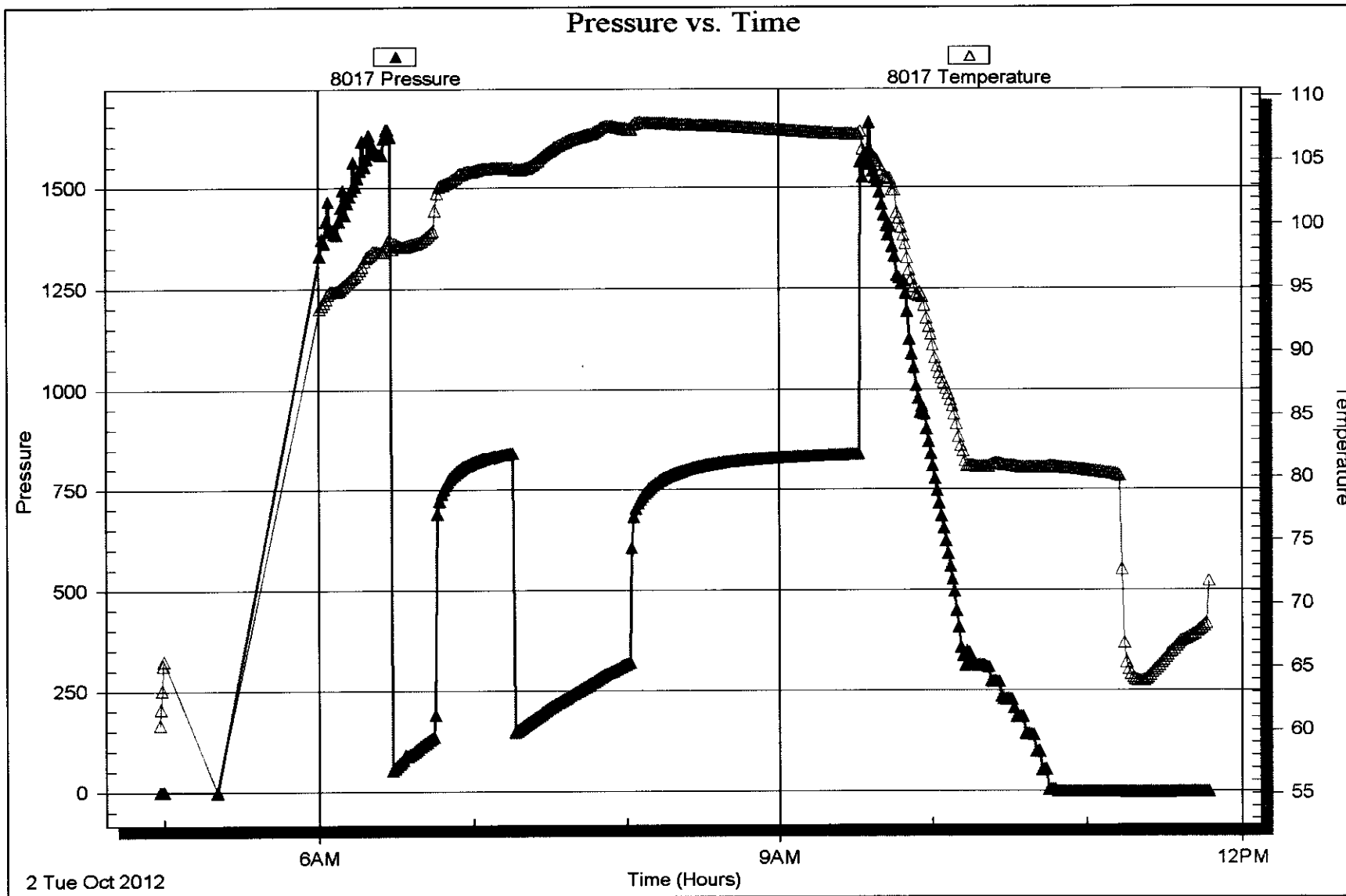
Serial #:

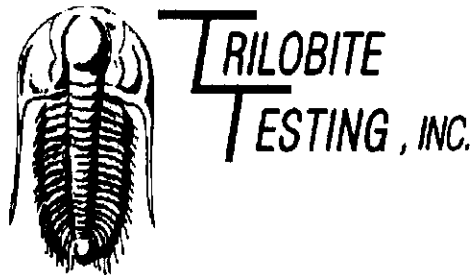
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO. 80202+3133

ATTN: Rick Hall

Cottonwood #30-1

30-6s-19w Rooks,KS

Start Date: 2012.10.02 @ 20:37:05

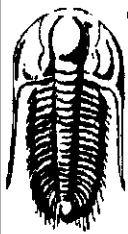
End Date: 2012.10.03 @ 00:58:09

Job Ticket #: 49321 DST #: 2

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

Printed: 2012.10.08 @ 11:06:30

Coral Production Corp. 30-6s-19w Rooks,KS Cottonwood #30-1 DST # 2 LKC"C-D" 2012.10.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp.
 1600 Stout St. STE 1500
 Denver, CO. 80202+3133
 ATTN: Rick Hall

30-6s-19w Rooks,KS
Cottonwood #30-1
 Job Ticket: 49321 **DST#: 2**
 Test Start: 2012.10.02 @ 20:37:05

GENERAL INFORMATION:

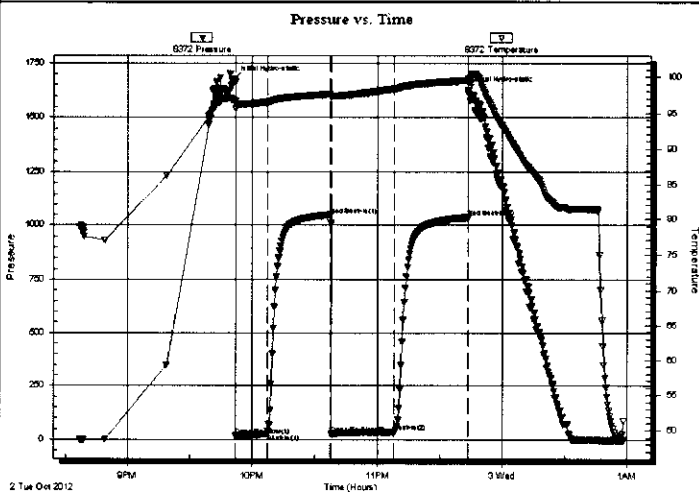
Formation: **LKC"C-D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:52:20
 Time Test Ended: 00:58:09
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Interval: **3346.00 ft (KB) To 3388.00 ft (KB) (TVD)**
 Reference Elevations: 2085.00 ft (KB)
 Total Depth: 3330.00 ft (KB) (TVD) 2077.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 8.00 ft

Serial #: 8372

Outside

Press@RunDepth: 36.29 psig @ 3353.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.02 End Date: 2012.10.03 Last Calib.: 2012.10.03
 Start Time: 20:37:05 End Time: 00:58:10 Time On Btm: 2012.10.02 @ 21:51:30
 Time Off Btm: 2012.10.02 @ 23:43:30

TEST COMMENT: IF:(15min) Blow died in 14 min.
 ISl:(30min) No Return
 FF:(30min) No Blow
 FSl:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.60	96.70	Initial Hydro-static
1	18.42	95.60	Open To Flow (1)
16	26.62	96.50	Shut-In(1)
46	1048.34	97.62	End Shut-In(1)
47	27.16	97.19	Open To Flow (2)
77	36.29	98.35	Shut-In(2)
112	1036.37	99.53	End Shut-In(2)
112	1622.84	99.75	Final Hydro-static

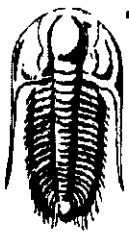
Recovery

Length (ft)	Description	Volume (bb)
35.00	SOSM	0.22

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.
 1600 Stout St. STE 1500
 Denver, CO. 80202+3133
 ATTN: Rick Hall

30-6s-19w Rooks,KS
Cottonwood #30-1
 Job Ticket: 49321 **DST#: 2**
 Test Start: 2012.10.02 @ 20:37:05

GENERAL INFORMATION:

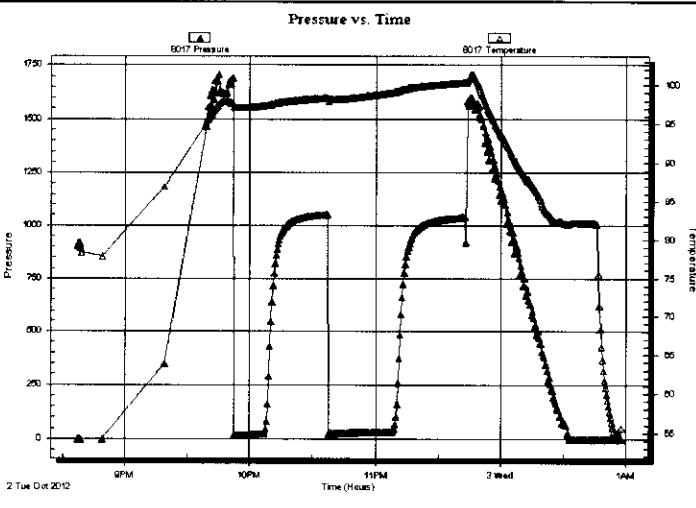
Formation: **LKC"C-D"**
 Deviated: No Whipstock: ft (KB)
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 Time Test Ended: 00:58:09
 Interval: **3346.00 ft (KB) To 3388.00 ft (KB) (TVD)**
 Total Depth: 3330.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2085.00 ft (KB)
 2077.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8017

Inside

Press@RunDepth: psig @ 3353.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.02 End Date: 2012.10.03 Last Calib.: 2012.10.03
 Start Time: 20:37:05 End Time: 00:57:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:(15min) Blow died in 14 min.
 ISl:(30min) No Return
 FF:(30min) No Blow
 FSl:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

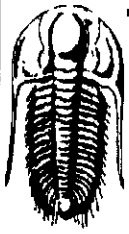
Recovery

Length (ft)	Description	Volume (bbl)
35.00	SOSM	0.22

* 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.
1600 Stout St. STE 1500
Denver, CO. 80202+3133
ATTN: Rick Hall

30-6s-19w Rooks,KS
Cottonwood #30-1
Job Ticket: 49321 **DST#: 2**
Test Start: 2012.10.02 @ 20:37:05

Tool Information

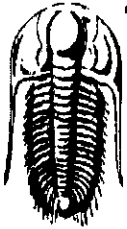
Drill Pipe:	Length: 3298.00 ft	Diameter: 3.80 inches	Volume: 46.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 46000.00 lb
		Total Volume:	46.41 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3346.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3324.00	
Shut In Tool	5.00			3329.00	
Hydraulic tool	5.00			3334.00	
Safety Joint	3.00			3337.00	
Packer	5.00			3342.00	23.00 Bottom Of Top Packer
Packer	4.00			3346.00	
Stubb	1.00			3347.00	
Perforations	5.00			3352.00	
Change Over Sub	1.00			3353.00	
Recorder	0.00	8017	Inside	3353.00	
Recorder	0.00	8372	Outside	3353.00	
Drill Pipe	31.00			3384.00	
Change Over Sub	1.00			3385.00	
Bullnose	3.00			3388.00	42.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49321

DST#: 2

ATTN: Rick Hall

Test Start: 2012.10.02 @ 20:37:05

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: 61.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	SOSM	0.218

Total Length: 35.00 ft Total Volume: 0.218 bbl

Num Fluid Samples: 0

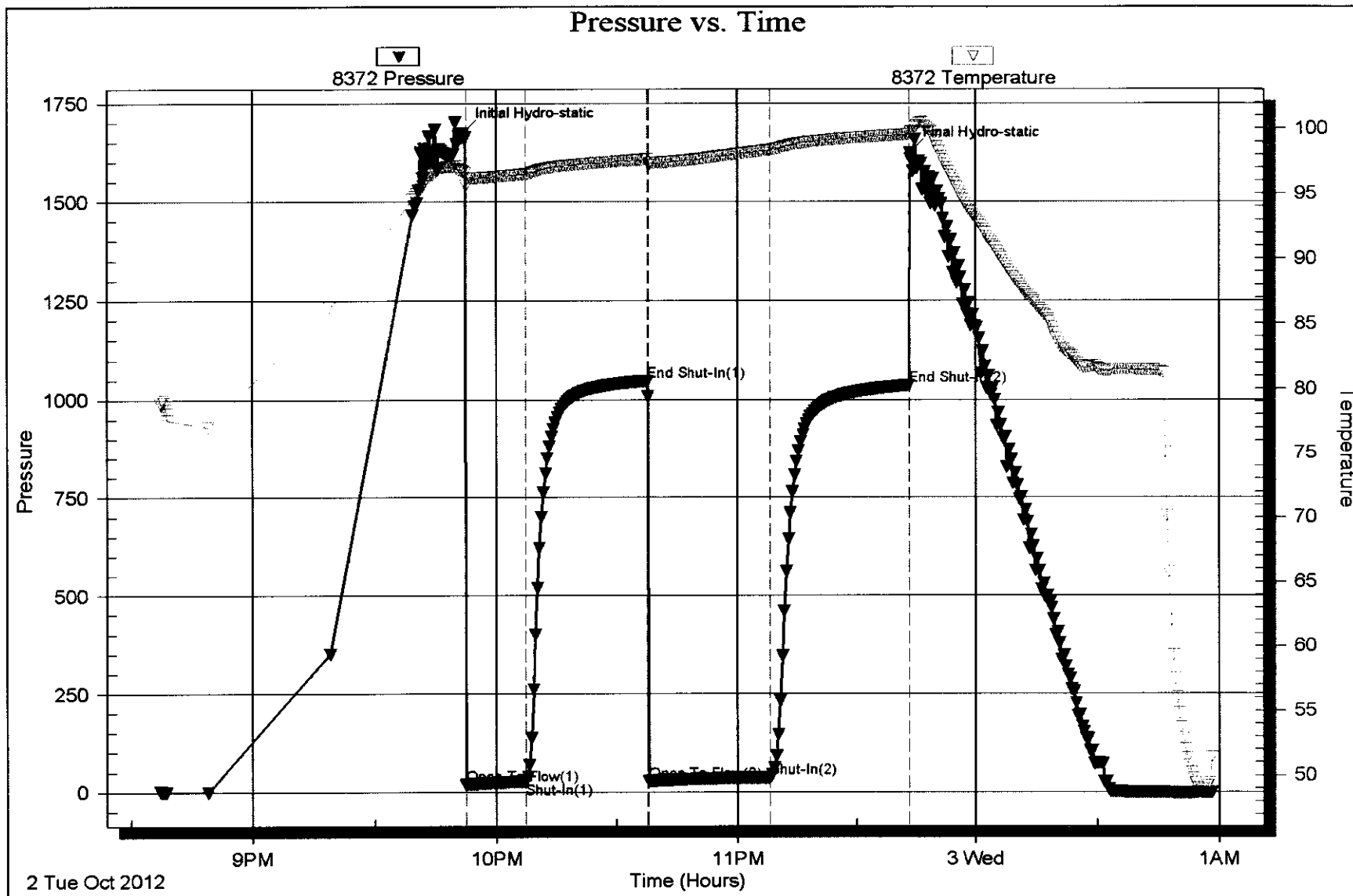
Num Gas Bombs: 0

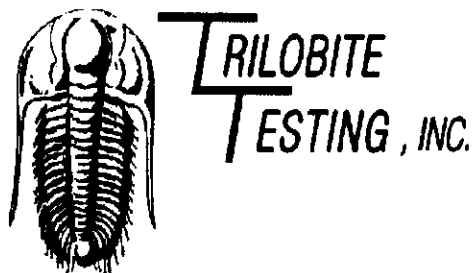
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO. 80202+3133

ATTN: Rick Hall

Cottonwood #30-1

30-6s-19w Rooks,KS

Start Date: 2012.10.03 @ 12:51:05

End Date: 2012.10.03 @ 17:30:50

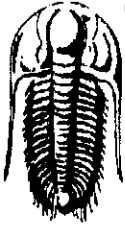
Job Ticket #: 49322 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.08 @ 11:05:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO. 80202+3133
ATTN: Rick Hall

30-6s-19w Rooks,KS
Cottonwood #30-1
Job Ticket: 49322 **DST#: 3**
Test Start: 2012.10.03 @ 12:51:05

GENERAL INFORMATION:

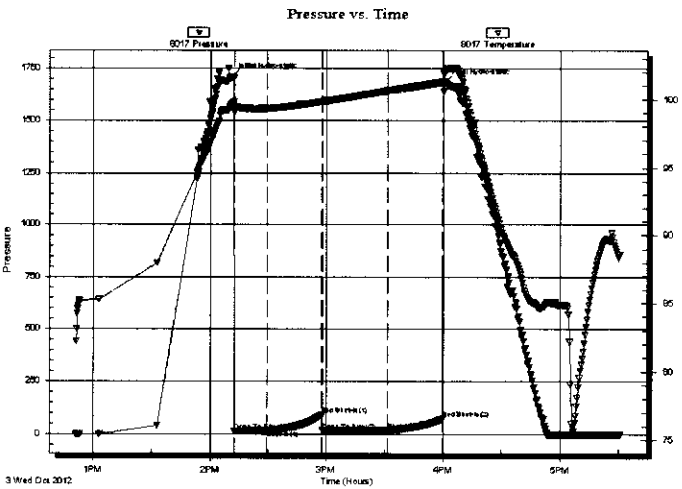
Formation: **KC"H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:12:30
Time Test Ended: 17:30:50
Test Type: Conventional Bottom Hole (Reset)
Tester: Andy Carreira
Unit No: 39
Interval: **3429.00 ft (KB) To 3458.00 ft (KB) (TVD)**
Reference Elevations: 2085.00 ft (KB)
Total Depth: 3458.00 ft (KB) (TVD) 2077.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 8.00 ft

Serial #: 8017

Inside

Press@RunDepth: 18.06 psig @ 3435.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.03 End Date: 2012.10.03 Last Calib.: 2012.10.03
Start Time: 12:51:05 End Time: 17:30:50 Time On Btm: 2012.10.03 @ 14:11:10
Time Off Btm: 2012.10.03 @ 16:00:30

TEST COMMENT: IF:(15min) Blow died in 4 min.
ISl:(30min) No Return
FF:(30min) No Blow
FSl:(30min) No Return



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.70	99.68	Initial Hydro-static
2	14.62	99.05	Open To Flow (1)
19	16.14	99.34	Shut-In(1)
47	91.60	99.85	End Shut-In(1)
47	15.62	99.82	Open To Flow (2)
81	18.06	100.64	Shut-In(2)
109	71.75	101.30	End Shut-In(2)
110	1678.41	101.87	Final Hydro-static

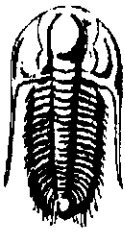
Recovery

Length (ft)	Description	Volume (bbl)
3.00	OSM	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.
 1600 Stout St. STE 1500
 Denver, CO. 80202+3133
 ATTN: Rick Hall

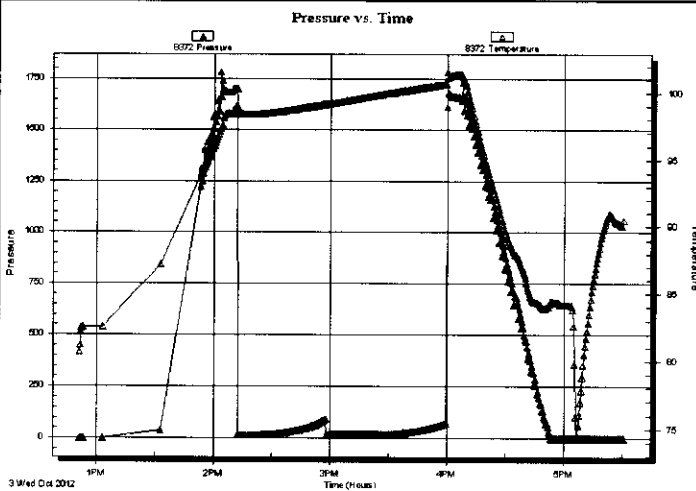
30-6s-19w Rooks,KS
Cottonwood #30-1
 Job Ticket: 49322 **DST#: 3**
 Test Start: 2012.10.03 @ 12:51:05

GENERAL INFORMATION:

Formation: **KC"H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:12:30
 Time Test Ended: 17:30:50
 Interval: **3429.00 ft (KB) To 3458.00 ft (KB) (TVD)**
 Total Depth: 3458.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2085.00 ft (KB)
 2077.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8372 Outside
 Press@RunDepth: psig @ 3435.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.03 End Date: 2012.10.03 Last Calib.: 2012.10.03
 Start Time: 12:51:05 End Time: 17:30:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:(15min) Blow died in 4 min.
 ISl:(30min) No Return
 FF:(30min) No Blow
 FSl:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

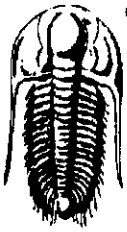
Recovery

Length (ft)	Description	Volume (bbl)
3.00	OSM	0.01

* 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.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49322

DST#: 3

ATTN: Rick Hall

Test Start: 2012.10.03 @ 12:51:05

Tool Information

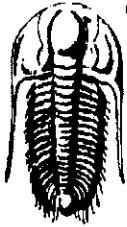
Drill Pipe:	Length: 3391.00 ft	Diameter: 3.80 inches	Volume: 47.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume:	47.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3429.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3407.00	
Shut In Tool	5.00			3412.00	
Hydraulic tool	5.00			3417.00	
Safety Joint	3.00			3420.00	
Packer	5.00			3425.00	23.00 Bottom Of Top Packer
Packer	4.00			3429.00	
Stubb	1.00			3430.00	
Perforations	5.00			3435.00	
Recorder	0.00	8017	Inside	3435.00	
Recorder	0.00	8372	Outside	3435.00	
Perforations	20.00			3455.00	
Bullhose	3.00			3458.00	29.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49322

DST#: 3

ATTN: Rick Hall

Test Start: 2012.10.03 @ 12:51:05

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:

bbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	OSM	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

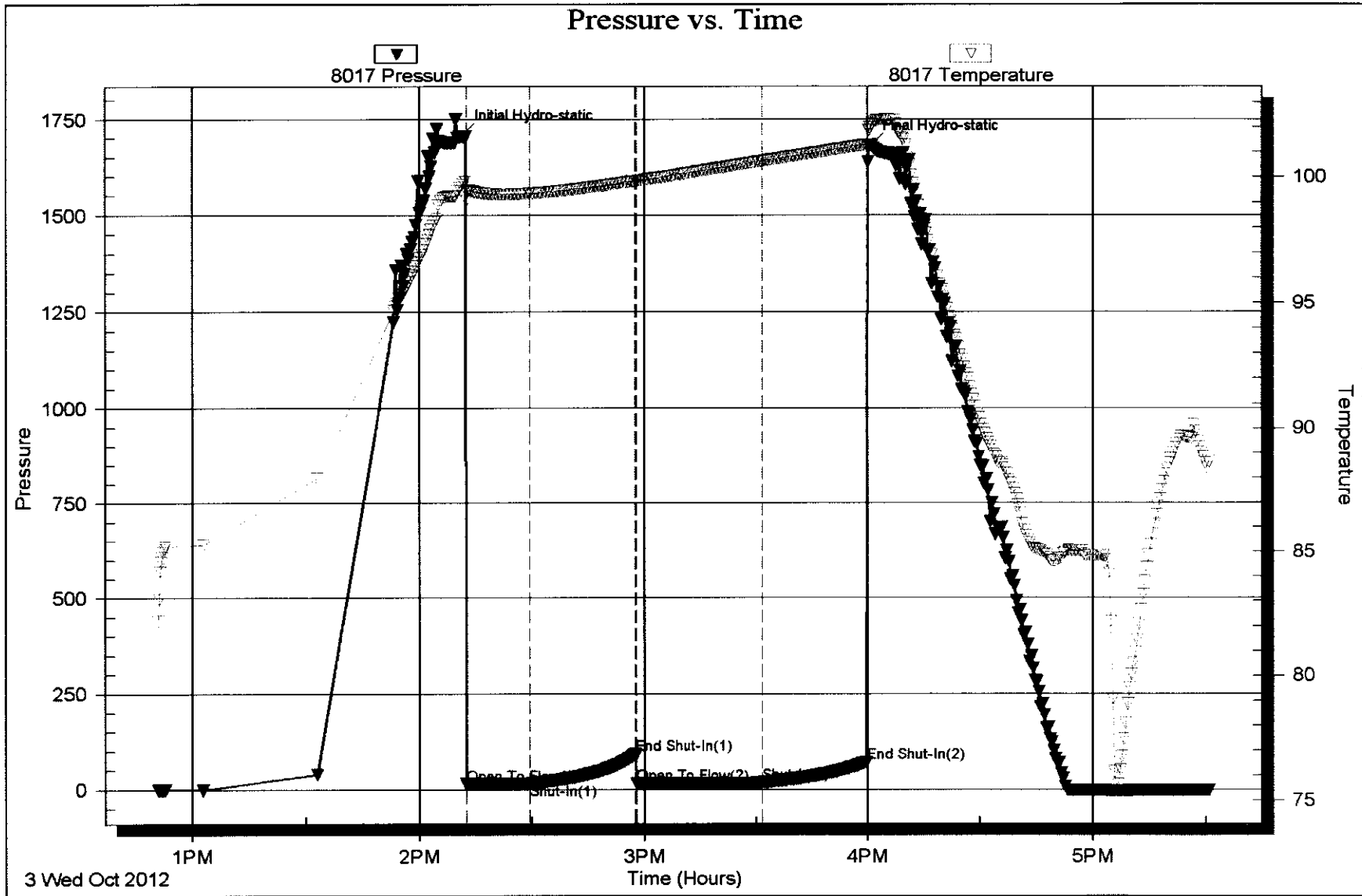
Num Gas Bombs: 0

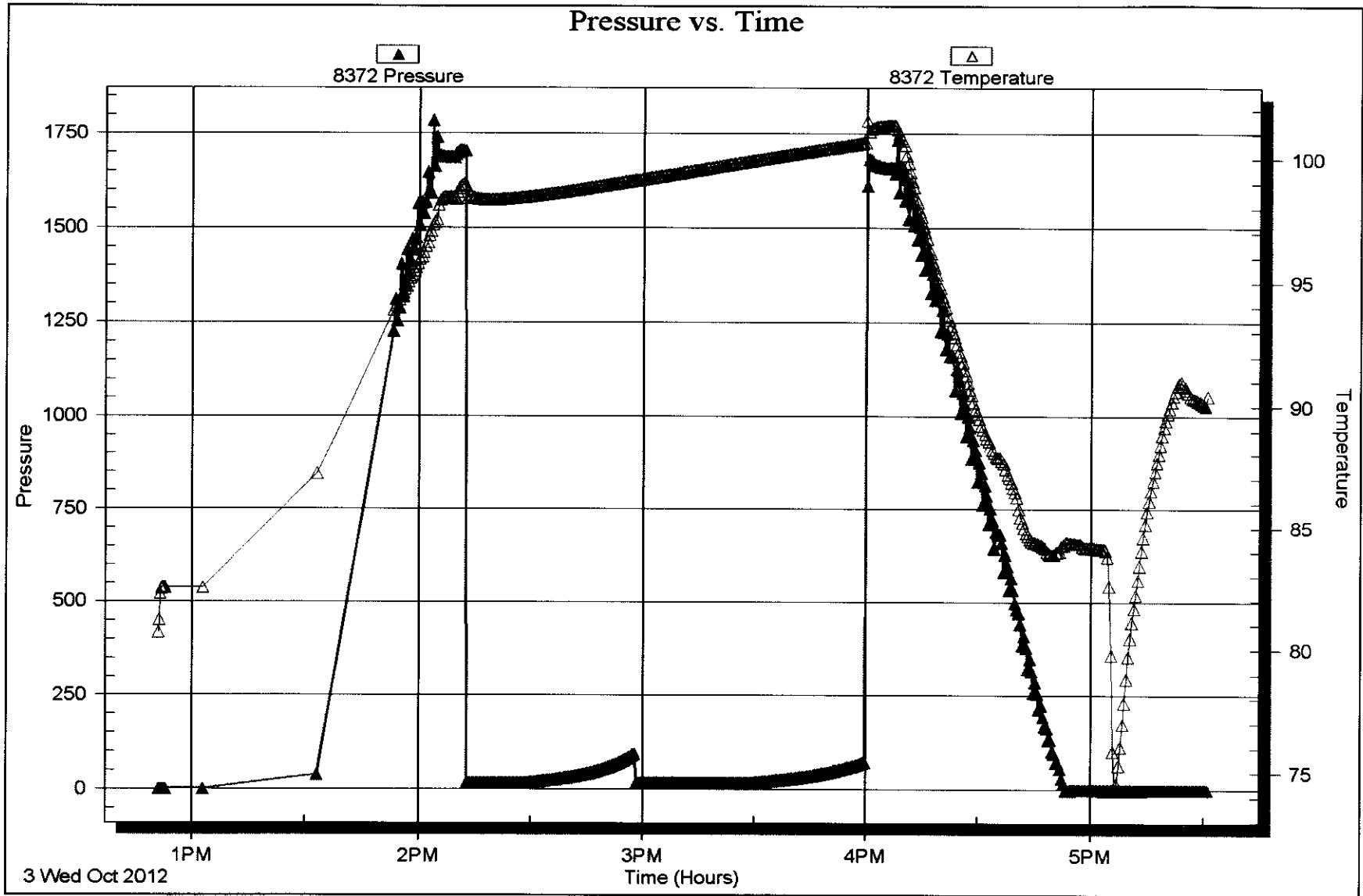
Serial #:

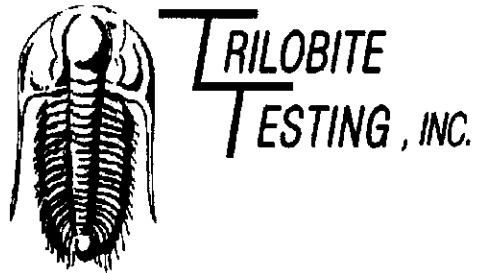
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO. 80202+3133

ATTN: Rick Hall

Cottonwood #30-1

30-6s-19w Rooks,KS

Start Date: 2012.10.04 @ 04:07:05

End Date: 2012.10.04 @ 09:38:29

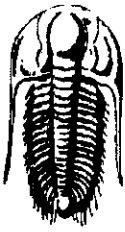
Job Ticket #: 49323 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.08 @ 11:05:02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO. 80202+3133
ATTN: Rick Hall

30-6s-19w Rooks,KS

Cottonwood #30-1

Job Ticket: 49323

DST#: 4

Test Start: 2012.10.04 @ 04:07:05

GENERAL INFORMATION:

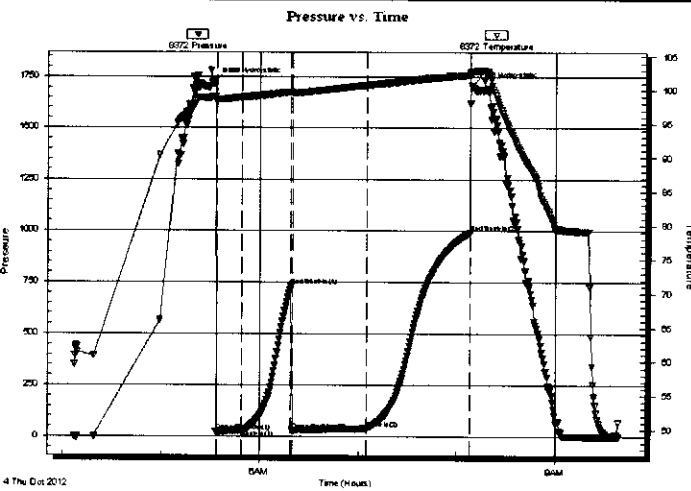
Formation: **KC"l-K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:33:20
 Time Test Ended: 09:38:29
 Interval: **3462.00 ft (KB) To 3518.00 ft (KB) (TVD)**
 Total Depth: 3518.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2085.00 ft (KB)
 2077.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8372

Outside

Press@RunDepth: 39.83 psig @ 3469.00 ft (KB)
 Start Date: 2012.10.04 End Date: 2012.10.04
 Start Time: 04:07:05 End Time: 09:38:29
 Capacity: 8000.00 psig
 Last Calib.: 2012.10.04
 Time On Btm: 2012.10.04 @ 05:32:30
 Time Off Btm: 2012.10.04 @ 08:09:00

TEST COMMENT: IF:(15min) Weak surface blow
 ISl:(30min) No Return
 FF:(45min) 1" Blow
 FSl:(60min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.28	99.06	Initial Hydro-static
1	21.12	98.26	Open To Flow (1)
17	31.11	98.92	Shut-In(1)
47	730.10	99.75	End Shut-In(1)
47	29.95	99.57	Open To Flow (2)
92	39.83	100.71	Shut-In(2)
156	990.50	102.27	End Shut-In(2)
157	1706.94	102.69	Final Hydro-static

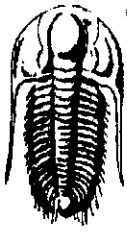
Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCGM g=5% o=45% m=50%	0.57

* 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.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49323

DST#: 4

ATTN: Rick Hall

Test Start: 2012.10.04 @ 04:07:05

Tool Information

Drill Pipe:	Length: 3424.00 ft	Diameter: 3.80 inches	Volume: 48.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 48.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3462.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3440.00	
Shut In Tool	5.00			3445.00	
Hydraulic tool	5.00			3450.00	
Safety Joint	3.00			3453.00	
Packer	5.00			3458.00	23.00 Bottom Of Top Packer
Packer	4.00			3462.00	
Stubb	1.00			3463.00	
Perforations	5.00			3468.00	
Change Over Sub	1.00			3469.00	
Recorder	0.00	8017	Inside	3469.00	
Recorder	0.00	8372	Outside	3469.00	
Drill Pipe	32.00			3501.00	
Change Over Sub	1.00			3502.00	
Perforations	13.00			3515.00	
Bullnose	3.00			3518.00	56.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

30-6s-19w Rooks,KS

1600 Stout St. STE 1500
Denver, CO. 80202+3133

Cottonwood #30-1

Job Ticket: 49323

DST#: 4

ATTN: Rick Hall

Test Start: 2012.10.04 @ 04:07:05

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:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HOCGM g=5% o=45% m=50%	0.568

Total Length: 60.00 ft

Total Volume: 0.568 bbl

Num Fluid Samples: 0

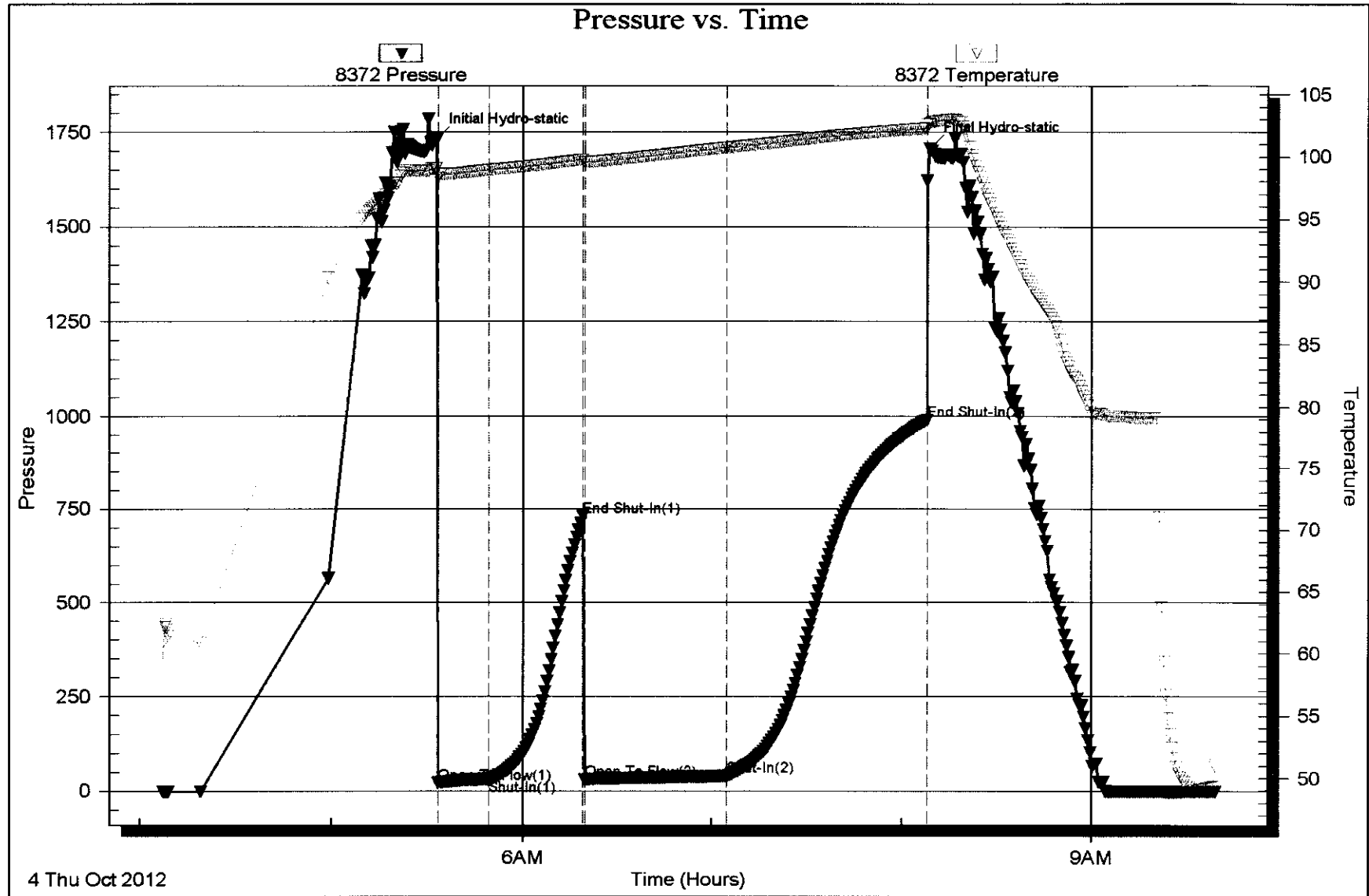
Num Gas Bombs: 0

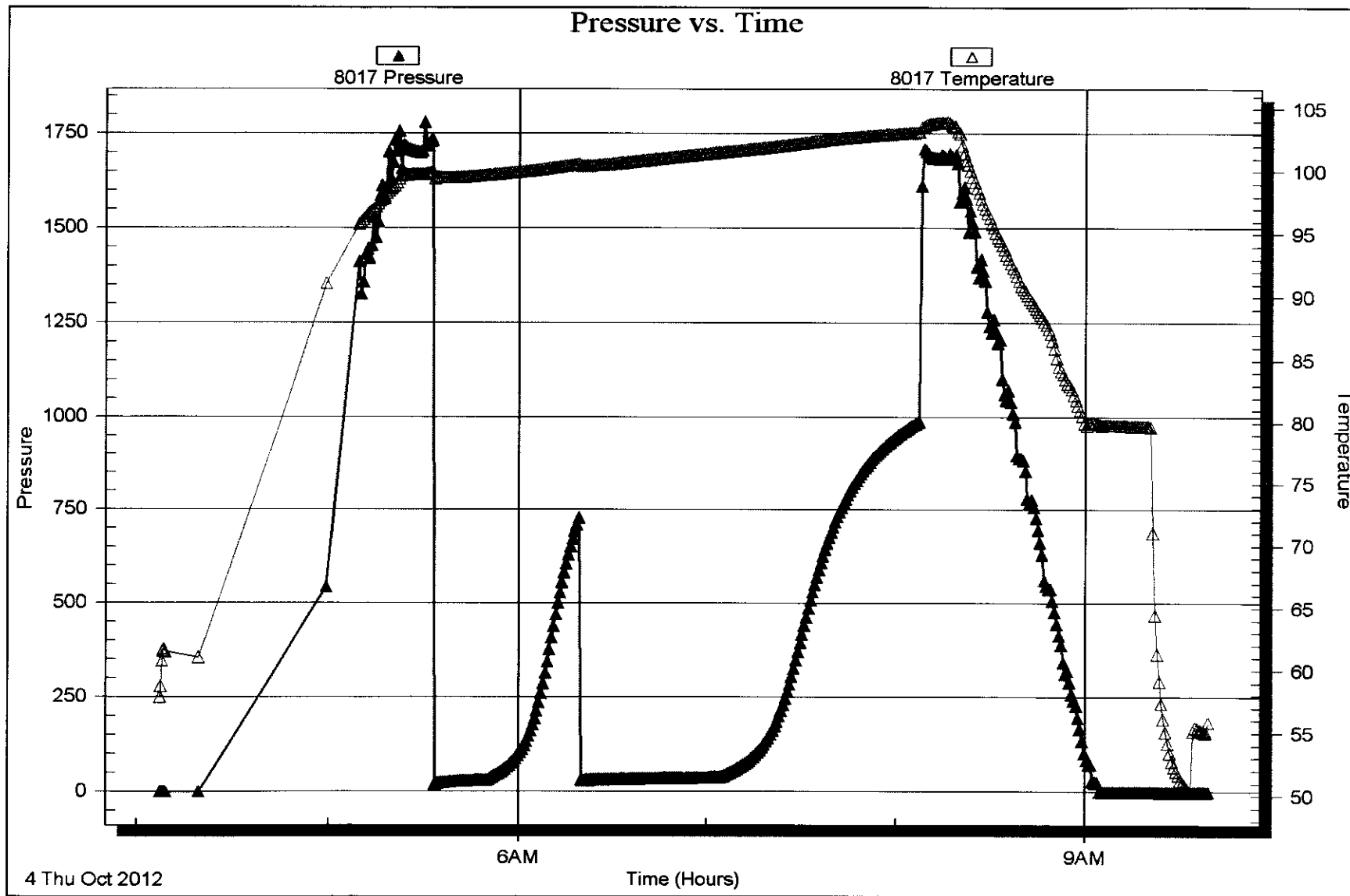
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49320

Well Name & No. Cottonwood #30-1 Test No. 1 Date 10-2-12
 Company CORAL PRODUCTION CORP Elevation 2085 KB 2077 GL
 Address 1600 Stout St. Suite 1500 DENVER Co. 80202+3133
 Co. Rep / Geo. Rick Hall Rig Discovery #1
 Location: Sec. 30 Twp. 6S Rge. 19W Co. Rook State Ks

Interval Tested 3280-3330 Zone Tested LKC "A"
 Anchor Length 50 Drill Pipe Run 3235 Mud Wt. 8.6
 Top Packer Depth 3275 Drill Collars Run 30.00 Vis GA
 Bottom Packer Depth 3280 Wt. Pipe Run 0 WL 7.6
 Total Depth 3330 Chlorides 4000 ppm System LCM 34

Blow Description FF: 6" blow in 6min BOBIN 12min.
ISI: NO RETURN
FF: BOBIN 15min.
FSI: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>60</u>	<u>5</u>	<u>95</u>		
<u>250</u>	<u>600 MW</u>	<u>5</u>	<u>10</u>	<u>50</u>	<u>35</u>
<u>395</u>	<u>MW</u>			<u>95</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 655' BHT 106' Gravity 36 API RW 125 @ 60 °F Chlorides 70000 ppm

(A) Initial Hydrostatic 1621 Test T-On Location 04:12
 (B) First Initial Flow 153 Jars T-Started 04:58
 (C) First Final Flow 140 Safety Joint T-Open 06:30
 (D) Initial Shut-In 841 Circ Sub T-Pulled 09:30
 (E) Second Initial Flow 144 Hourly Standby T-Out 11:48
 (F) Second Final Flow 323 Mileage 110RT 170.50 Comments
 (G) Final Shut-In 839 Sampler Hill City
 (H) Final Hydrostatic 1595 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

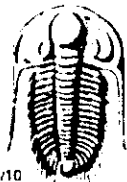
Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 90

Extra Recorder
 Day Standby
 Accessibility

Sub Total 1320.50
 Total 1320.50
 MP/DST Disc't

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49321

Well Name & No. <u>Cottonwood #30-1</u>	Test No. <u>2</u>	Date <u>10-2-12</u>
Company <u>Coral Production Corp</u>	Elevation <u>2085</u> KB <u>2077</u> GL	
Address <u>1600 Stout St. Suite 1500</u>	<u>Denver Co. 80202+3133</u>	
Co. Rep / Geo. <u>Rick Hall</u>	Rig <u>Discovery #1</u>	
Location: Sec. <u>30</u> Twp. <u>6S</u> Rge. <u>19W</u> Co. <u>Rooks</u> State <u>Ks</u>		

Interval Tested <u>3346-3388</u>	Zone Tested <u>LKC "C-D"</u>	
Anchor Length <u>42'</u>	Drill Pipe Run <u>3298</u>	Mud Wt. <u>9</u>
Top Packer Depth <u>3341</u>	Drill Collars Run <u>30</u>	Vis <u>6.1</u>
Bottom Packer Depth <u>3346</u>	Wt. Pipe Run <u>0</u>	WL <u>7.6</u>
Total Depth <u>3388</u>	Chlorides <u>800</u> ppm System	LCM <u>2#</u>

Blow Description FF. Blow died in 14 min.
FSI: NO Return
FF. NO Blow
FSI: NO Return

Rec	Feet of	%gas	%oil	%water	%mud
35'	505m				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total <u>35'</u> BHT <u>99°</u>	Gravity	API RW	@	°F Chlorides	ppm
(A) Initial Hydrostatic <u>1672</u>	<input checked="" type="checkbox"/> Test			T-On Location <u>20:25</u>	
(B) First Initial Flow <u>18</u>	<input type="checkbox"/> Jars			T-Started <u>20:37</u>	
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint			T-Open <u>21:53</u>	
(D) Initial Shut-In <u>1048</u>	<input type="checkbox"/> Circ Sub			T-Pulled <u>23:38</u>	
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby			T-Out <u>00:59</u>	
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>110RT</u> 170.50			Comments	
(G) Final Shut-In <u>1036</u>	<input type="checkbox"/> Sampler			<u>H.I.I.C.F.</u>	
(H) Final Hydrostatic <u>1622</u>	<input type="checkbox"/> Straddle			<input type="checkbox"/> Ruined Shale Packer	
Initial Open <u>15'</u>	<input type="checkbox"/> Shale Packer			<input type="checkbox"/> Ruined Packer	
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer			<input type="checkbox"/> Extra Copies	
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder			Sub Total <u>0</u>	
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby			Total <u>1320.50</u>	
	<input type="checkbox"/> Accessibility			MP/DST Disc't	
	Sub Total <u>1320.50</u>				

Approved By _____ Our Representative Rick Hall

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49327

Well Name & No. Cottonwood #30-1 Test No. 3 Date 10-3-12
 Company CORAL PRODUCTION CORP Elevation 2085 KB 2077 GL
 Address 1600 Stout St. Suite 1500 DENVER Co. 80202-1313
 Co. Rep / Geo. RICK HALL Rig DISCOVERY #1
 Location: Sec. 30 Twp. 6S Rge. 19W Co. ROCKS State KS

Interval Tested 3429-3458 Zone Tested KC "H"
 Anchor Length 29' Drill Pipe Run 3391 Mud Wt. 9.1
 Top Packer Depth 3424 Drill Collars Run 30 Vis 59
 Bottom Packer Depth 3429 Wt. Pipe Run 0 WL 8
 Total Depth 3458 Chlorides 1000 ppm System LCM 1/2 #

Blow Description IF: Blow died in 4min
ISI: No Return
FF: No Blow
FSL: No Return

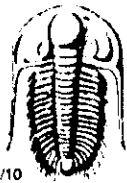
Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>OSM</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3' BHT 101" Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1705 Test T-On Location 12:30
 (B) First Initial Flow 14 Jars T-Started 12:51
 (C) First Final Flow 16 Safety Joint T-Open 14:13
 (D) Initial Shut-In 91 Circ Sub T-Pulled 15:58
 (E) Second Initial Flow 15 Hourly Standby T-Out 17:31
 (F) Second Final Flow 18 Mileage 110RT 170.50 Comments _____
 (G) Final Shut-In 71 Sampler Hill City
 (H) Final Hydrostatic 1678 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 15 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1320.50
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 30 Sub Total 1320.50

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49326

Well Name & No. Cottonwood #30-1 Test No. 4 Date 10-4-12
 Company CORAL PRODUCTION CORP Elevation 2085 KB 2077 GL
 Address 1600 Start St. Suite 1500 DENVER Co. 80202+3133
 Co. Rep / Geo. RICK HALL Rig DISCOVERY #1
 Location: Sec 30 Twp. 6S Rge. 19W Co. ROOKS State KS

Interval Tested 3462-3518 Zone Tested KC "I-K"
 Anchor Length 56 Drill Pipe Run 3424 Mud Wt. 9.1
 Top Packer Depth 3457 Drill Collars Run 30.00 Vis 59
 Bottom Packer Depth 3462 Wt. Pipe Run 0 WL 8
 Total Depth 3518 Chlorides 1000 ppm System LCM 1/2"

Blow Description IF: Weak surface Blow
ISI: NO RETURN
FF: 1" blow
FSI: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>HOC GM</u>	<u>5</u>	<u>45</u>		<u>50</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 102" Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1729 Test T-On Location 04:07
 (B) First Initial Flow 21 Jars T-Started 04:28
 (C) First Final Flow 31 Safety Joint T-Open 05:53
 (D) Initial Shut-In 730 Circ Sub T-Pulled 08:25
 (E) Second Initial Flow 29 Hourly Standby T-Out 10:00
 (F) Second Final Flow 39 Mileage 110RT 170.50 Comments _____
 (G) Final Shut-In 990 Sampler Hill City
 (H) Final Hydrostatic 1706 Straddle Ruined Shale Packer _____
 Shale Packer Ruined Packer _____
 Extra Packer Extra Copies _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60

Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1320.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1320.50

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 4932

Well Name & No. Cottonwood #30-1 Test No. 5 Date 10-4-12
 Company Coral Production Corp Elevation 2085 KB 2077 GL
 Address 1600 Stout St Suite 1500 DENVER, CO. 80202+3133
 Co. Rep / Geo. Rick Hall Rig Discovery 1
 Location: Sec. 30 Twp. 6S Rge. 19W Co. ROOKS State Ks.

Interval Tested 3519-3604 Zone Tested CONG / ARB
 Anchor Length 85 Drill Pipe Run 3486 Mud Wt. 9.2
 Top Packer Depth 3514 Drill Collars Run 3000 Vis 61
 Bottom Packer Depth 3519 Wt. Pipe Run 0 WL 8
 Total Depth 3604 Chlorides 1000 ppm System LCM 1 1/2 #

Blow Description LF: Weak surface blow
ISF: NO RETURN
FF: Weak surface blow
FSL: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Mud w/o. 1 SPKs in Tool</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60' BHT 101' Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1775 Test _____ T-On Location 21:54
 (B) First Initial Flow 21 Jars _____ T-Started 22:08
 (C) First Final Flow 33 Safety Joint _____ T-Open 23:40
 (D) Initial Shut-In 1015 Circ Sub _____ T-Pulled 01:25
 (E) Second Initial Flow 36 Hourly Standby _____ T-Out 03:10
 (F) Second Final Flow 46 Mileage 110RT 170.50 Comments _____
 (G) Final Shut-In 953 Sampler _____
 (H) Final Hydrostatic 1753 Straddle _____ Ruined Shalo Packer _____
 Initial Open 15 Shale Packer _____ 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 1320.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1320.50

Approved By _____ Our Representative [Signature]

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