

ORIGINAL

KANSAS CORPORATION COMMISSION
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 CORP.
Address 1: 1600 STOUT ST.
Address 2: SUITE 1500
City: DENVER State: CO Zip: 80202 + 3133
Contact Person: JIM WEBER
Phone: (303) 623-3573
CONTRACTOR: License # 31548
Name: DISCOVERY DRILLING
Wellsite Geologist: ROBERT STOLZLE
Purchaser: N/A

RECEIVED
JUL 01 2011
KCC WICHITA

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 #: _____

6/10/11 6/17/11 6/17/11
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 179-21281-00-00
Spot Description:
SE NE NW SE Sec. 32 Twp. 8 S. R. 29 East West
2,190 Feet from North / South Line of Section
1,365 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: SHERIDAN
Lease Name: THUMMEL TRUST Well #: 32-1
Field Name: KOSTER
Producing Formation: N/A
Elevation: Ground: 2844 Kelly Bushing: 2852
Total Depth: 4230 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 266.53 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: 5000 ppm Fluid volume: 160 bbls
Dewatering method used: ALLOW TO DRY & BACKFILL
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: J. R. Weber
Title: PRESIDENT Date: 6/29/11

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: PIA Dig Date: 7/1/11

Operator Name: CORAL PRODUCTION CORP. Lease Name: THUMMEL TRUST Well #: 32-1
 Sec. 32 Twp. 8 S. R. 29 East West County: SHERIDAN

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	2471'	+381'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HOWARD LS	3650'	-798'
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	3702'	-850'
List All E. Logs Run:		HEEBNER	3912'	-1060'
MICRO LOG 4202'-3600'		LANSING	3947'	-1095'
		BASE LKC	4188'	-1336'

CASING RECORD New 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 1/4"	8 5/8"	23	266.53'	COMMON	160	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				

PERFORATION RECORD - Bridge Plugs ^{See Type}
Specify Footage of Each Interval Perforated

RECEIVED JUL 01 2011 KCC WICHITA

Shots Per Foot	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. N/A

Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

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-1B.)</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: _____
--	--	--------------------------------------

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4219

Date	6-10-11	Sec.	32	Twp.	8	Range	29	County	Sheridan	State	KS	On Location	Finish				
Lease	Thummel Trust	Well No.	32-1		Location Hoxie S to 30s 6w 15 1/4w N into												
Contractor	Discovery #2							Owner	To Quality Oilwell Cementing, Inc.								
Type Job	Surface							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.	266'		Charge To											
Csg.	8 5/8 (23b)		Depth	266.53'		Coral Production											
Tbg. Size			Depth			Street											
Tool			Depth			City											
Cement Left in Csg.			Shoe Joint			State											
Meas Line			Displace	16bbis		The above was done to satisfaction and supervision of owner agent or contractor.											
										Cement Amount Ordered				160 com 39cc 2 bags			

EQUIPMENT

Pumptrk	9	No.	Cementer	Brandon	
			Helper		
Bulktrk	8	No.	Driver	Neale	
			Driver		
Bulktrk	8	No.	Driver	Doug	
			Driver		

Common	160
Poz. Mix	
Gel.	3
Calcium	5

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

RECEIVED
JUL 01 2011
KCC WICHITA

Cement did Circb

Thank you

Sand	
Handling	168
Mileage	

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage

Quality Oilwell Cementing

Pumptrk Charge	Surface
Mileage	11

X Signature *[Signature]*

Tax	
Discount	
Total Charge	

QUALITY OILWELL CFMENTING, INC.

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

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

No. 4968

Date	6-17-11	Sec.	32	Twp.	8	Range	29	County	Sheridan	State	Ks	On Location		Finish	10:30 PM
Lease	Thur			Well No.	328			Location	Hoxie, Ks - 25 to 305 Rd, 6W, 1S						
Contractor	Discovery #1							Owner	K.W. N/S						
Type Job	Plug							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	1 7/8"		T.D.	4230'			Charge To	Coral Production							
Csg.			Depth				Street								
Tbg. Size	4 1/2" D.P.		Depth	2490'			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	220 Sx 60/40 4% Gel 1/4 S,							
Meas Line			Displace	H2O/mud											

EQUIPMENT

Pumptrk 1	No.	Cementor	C-50	Common	132
		Helper			
Bulktrk 1	No.	Driver	Doug	Poz. Mix	88
		Driver			
Bulktrk 2	No.	Driver	Rick	Gel.	8
		Driver			

JOB SERVICES & REMARKS

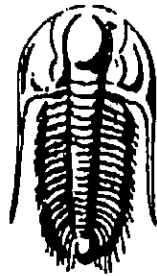
Remarks:	Cement did Circulate.	Calcium
Rat Hole		Hulls
Mouse Hole		Salt
Centralizers		Flowseal 50#
Baskets		Kol-Seal
D/V or Port Collar		Mud CLR 48
2490' - 25 Sx		CFL-117 or CD110 CAF 38
1643' - 100 Sx		Sand
		Handling 228
		Mileage

RECEIVED
JUL 01 2011
KCC WICHITA

FLOAT EQUIPMENT

315' - 40 Sx	Guide Shoe
40' - 10 Sx	Centralizer
Rathole - 30 Sx	Baskets
Mousehole - 15 Sx	AFU Inserts
	Float Shoe
	Latch Down

220 Sx 60/40 4% Gel 1/4 # Flowseal	1 - wooden plug
	Pumptrk Charge plug
	Mileage 11
	Tax
	Discount
	Total Charge
X Signature	<i>Coffman</i>



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO 80202

ATTN: Bob Stolzle

32-8-29 Sheridan KS

Thummel Trust #32-1

Start Date: 2011.06.14 @ 15:44:05

End Date: 2011.06.14 @ 18:07:00

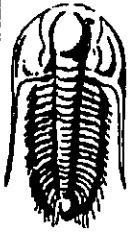
Job Ticket #: 042025 DST #: 1

RECEIVED
JUL 01 2011
KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

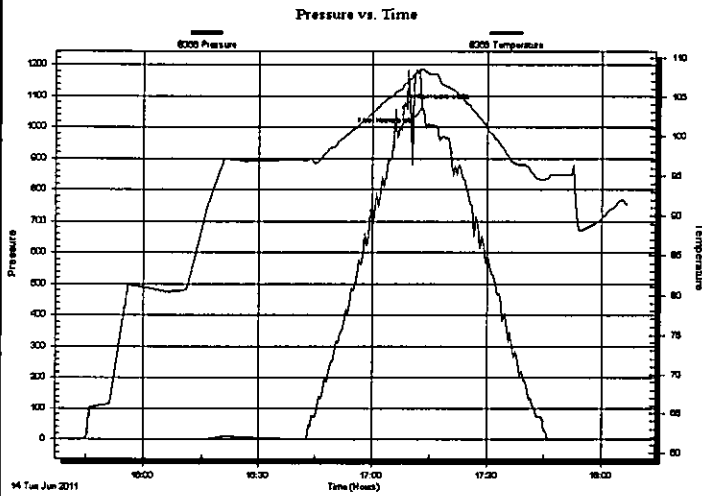
Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042025 DST#: 1
Test Start: 2011.06.14 @ 15:44:05

GENERAL INFORMATION:

Formation: **Toronto - Lans. "A"**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened:
Time Test Ended: **18:07:00**
Interval: **3905.00 ft (KB) To 3970.00 ft (KB) (TVD)**
Total Depth: **3970.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **James Winder**
Unit No: **46**
Reference Elevations: **2852.00 ft (KB)**
2844.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: **8366** Inside
Press@RunDepth: psig @ **3906.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.06.14** End Date: **2011.06.14** Last Calib.: **2011.06.14**
Start Time: **15:44:05** End Time: **18:07:00** Time On Btm: **2011.06.14 @ 17:08:00**
Time Off Btm: **2011.06.14 @ 17:13:00**

TEST COMMENT: **Hit bridge at 2103 - Tool would not go past**
Pulled Tool
Mis-Run



PRESSURE SUMMARY

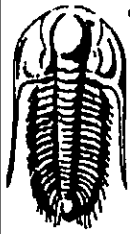
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1060.30	106.41	Initial Hydro-static
5	1056.97	108.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

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
ATTN: Bob Stolzie

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042025 DST#: 1
Test Start: 2011.06.14 @ 15:44:05

Tool Information

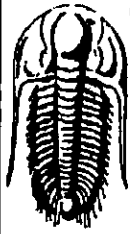
Drill Pipe:	Length: 3866.00 ft	Diameter: 3.80 inches	Volume: 54.23 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 0.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 0.00 lb
			<u>Total Volume: 54.38 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 0.00 lb
Depth to Top Packer:	3905.00 ft			Final 0.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 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			3882.00	
Hydraulic tool	5.00			3887.00	
Jars	5.00			3892.00	
Safety Joint	3.00			3895.00	
Packer	5.00			3900.00	28.00 Bottom Of Top Packer
Packer	5.00			3905.00	
Stubb	1.00			3906.00	
Recorder	0.00	8366	Inside	3906.00	
Recorder	0.00	8320	Outside	3906.00	
Perforations	29.00			3935.00	
Blank Spacing	32.00			3967.00	
Bullnose	3.00			3970.00	65.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042025 DST#: 1
Test Start: 2011.06.14 @ 15:44:05

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.73 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

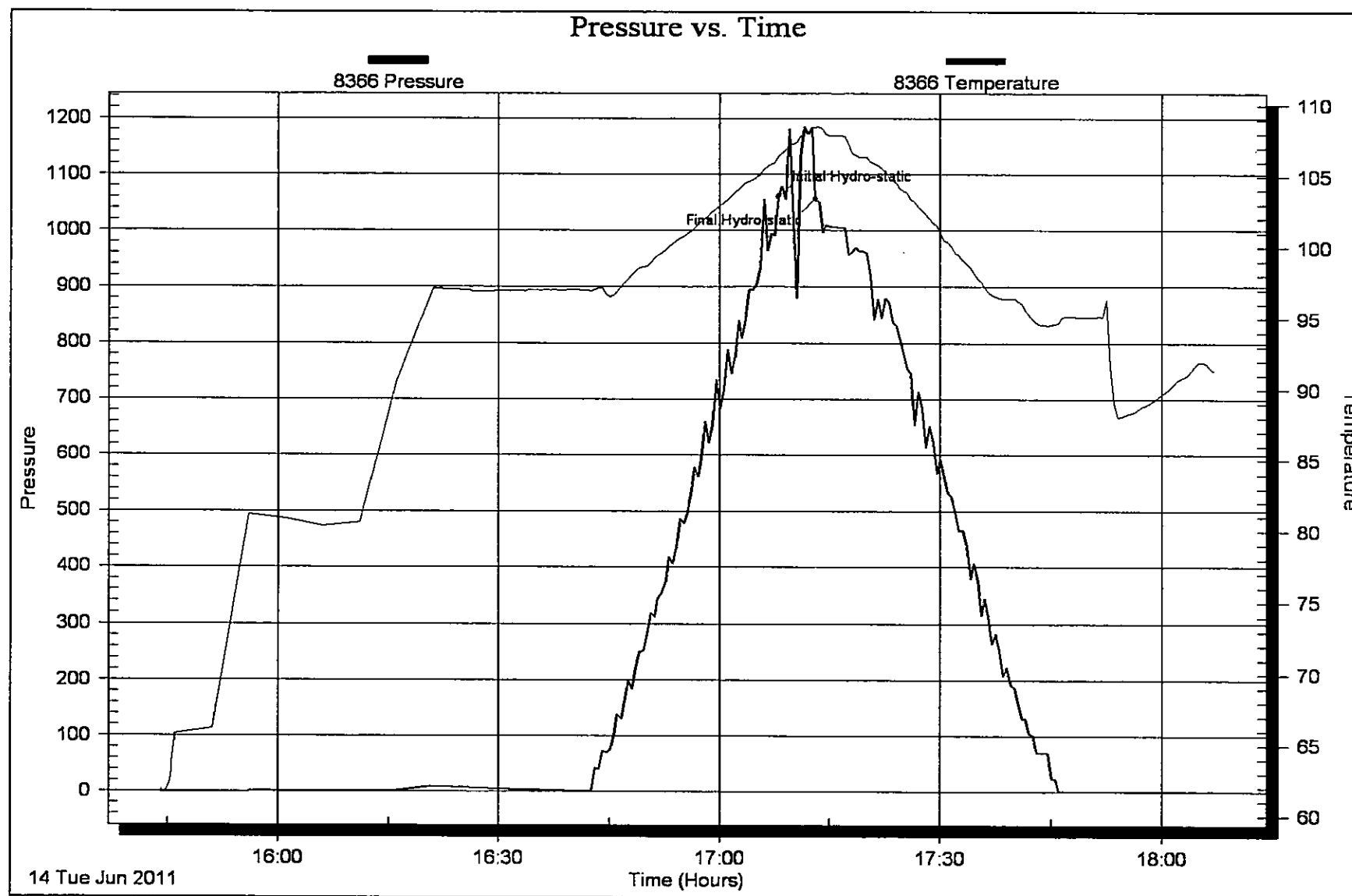
Length ft	Description	Volume bbl

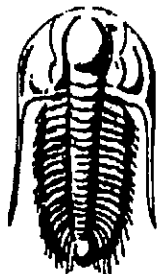
Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO 80202

ATTN: Bob Stolze

32-8-29 Sheridan KS

Thummel Trust #32-1

Start Date: 2011.06.14 @ 22:53:00

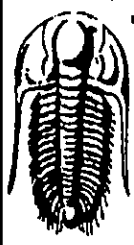
End Date: 2011.06.15 @ 05:42:30

Job Ticket #: 042901 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042901 DST#: 2
Test Start: 2011.06.14 @ 22:53:00

Tool Information

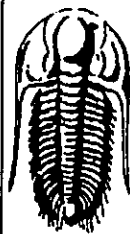
Drill Pipe:	Length: 3866.00 ft	Diameter: 3.80 inches	Volume: 54.23 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 54.38 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3905.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool slid 2' to bottom before opening - No mud loss

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3882.00	
Hydraulic tool	5.00			3887.00	
Jars	5.00			3892.00	
Safety Joint	3.00			3895.00	
Packer	5.00			3900.00	28.00 Bottom Of Top Packer
Packer	5.00			3905.00	
Stubb	1.00			3906.00	
Recorder	0.00	8366	Inside	3906.00	
Recorder	0.00	8320	Outside	3906.00	
Perforations	29.00			3935.00	
Blank Spacing	32.00			3967.00	
Bullnose	3.00			3970.00	65.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042901 DST#: 2
Test Start: 2011.06.14 @ 22:53:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 8.71 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

Cushion Type: Oil API: deg API
Cushion Length: ft Water Salinity: ppm
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

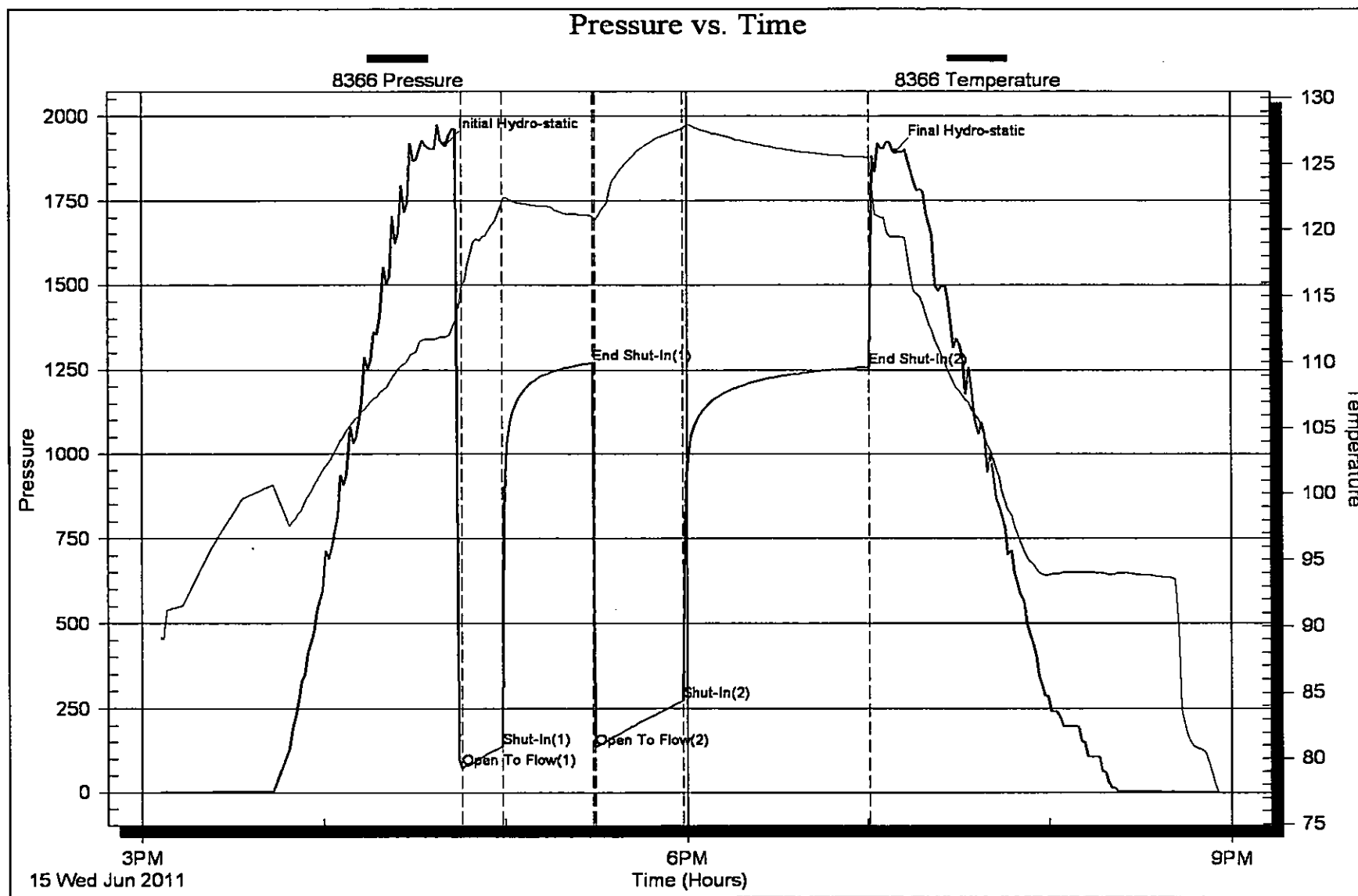
Recovery Information

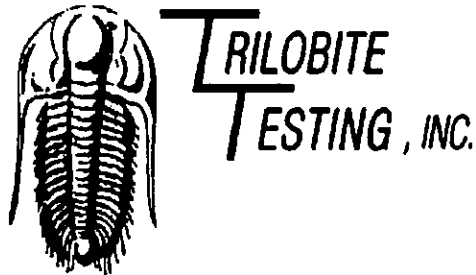
Recovery Table

Length ft	Description	Volume bbl
125.00	MCW 88%w, 12%m	1.471
258.00	MW 51%w, 49%m	3.619
0.00	Oil spots in tool	0.000
0.00	Low level H ₂ S gas	0.000
0.00	turned tools black	0.000

Total Length: 383.00 ft Total Volume: 5.090 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: Bob Stolze

32-8-29 Sheridan KS

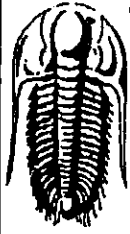
Thummel Trust #32-1

Start Date: 2011.06.15 @ 15:06:00

End Date: 2011.06.15 @ 20:56:00

Job Ticket #: 042902 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.

Thummel Trust #32-1

1600 Stout St. STE 1500
Denver, CO 80202

32-8-29 Sheridan KS

Job Ticket: 042902

DST#: 3

ATTN: Bob Stolze

Test Start: 2011.06.15 @ 15:06:00

GENERAL INFORMATION:

Formation: LKC "C - F"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:45:30

Time Test Ended: 20:56:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3967.00 ft (KB) To 4040.00 ft (KB) (TVD)

Reference Elevations: 2852.00 ft (KB)

Total Depth: 4040.00 ft (KB) (TVD)

2844.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8366

Inside

Press@RunDepth: 272.44 psig @ 3968.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.15

End Date:

2011.06.15

Last Calib.: 2011.06.15

Start Time: 15:06:05

End Time:

20:55:59

Time On Btm: 2011.06.15 @ 16:40:30

Time Off Btm: 2011.06.15 @ 19:09:30

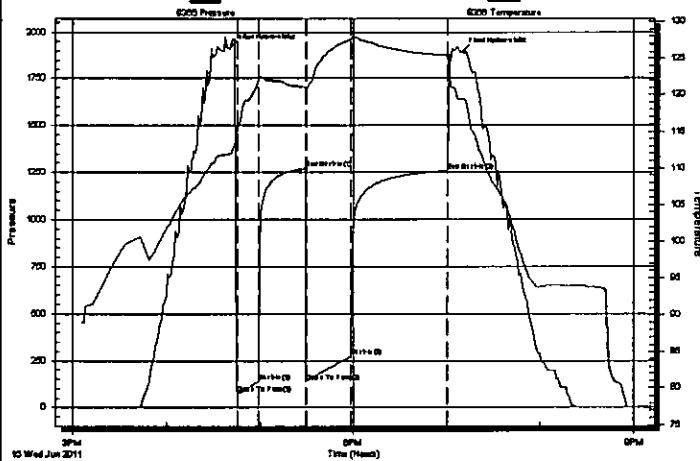
TEST COMMENT: IF: Blow built to BOB (11") in 7 3/4 min

IS: No blow back

FF: Blow built to BOB in 9 1/4 min.

FSt: No blow back

Pressure vs. Time



PRESSURE SUMMARY

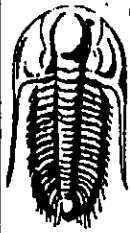
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.85	111.90	Initial Hydro-static
5	72.39	115.84	Open To Flow (1)
19	135.63	121.99	Shut-In(1)
49	1270.37	121.03	End Shut-In(1)
49	134.33	120.70	Open To Flow (2)
78	272.44	127.65	Shut-In(2)
140	1257.70	125.40	End Shut-In(2)
149	1894.60	119.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCW 82%w, 18%m	1.47
378.00	MW 52%w, 48%m	5.30
57.00	WCM 84%m, 16%w	0.80
0.00	Slight traces of Oil throughout	0.00

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
ATTN: Bob Stoizle

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042902 DST#: 3
Test Start: 2011.06.15 @ 15:06:00

Tool Information

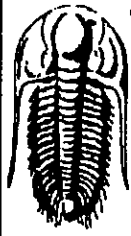
Drill Pipe:	Length: 3927.00 ft	Diameter: 3.80 inches	Volume: 55.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 115000.0 lb
			<u>Total Volume: 55.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3967.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 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			3944.00	
Hydraulic tool	5.00			3949.00	
Jars	5.00			3954.00	
Safety Joint	3.00			3957.00	
Packer	5.00			3962.00	28.00 Bottom Of Top Packer
Packer	5.00			3967.00	
Stubb	1.00			3968.00	
Recorder	0.00	8366	Inside	3968.00	
Recorder	0.00	8320	Outside	3968.00	
Perforations	5.00			3973.00	
Blank Spacing	64.00			4037.00	
Bullnose	3.00			4040.00	73.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042902 DST#: 3
Test Start: 2011.06.15 @ 15:06:00

Mud and Cushion Information

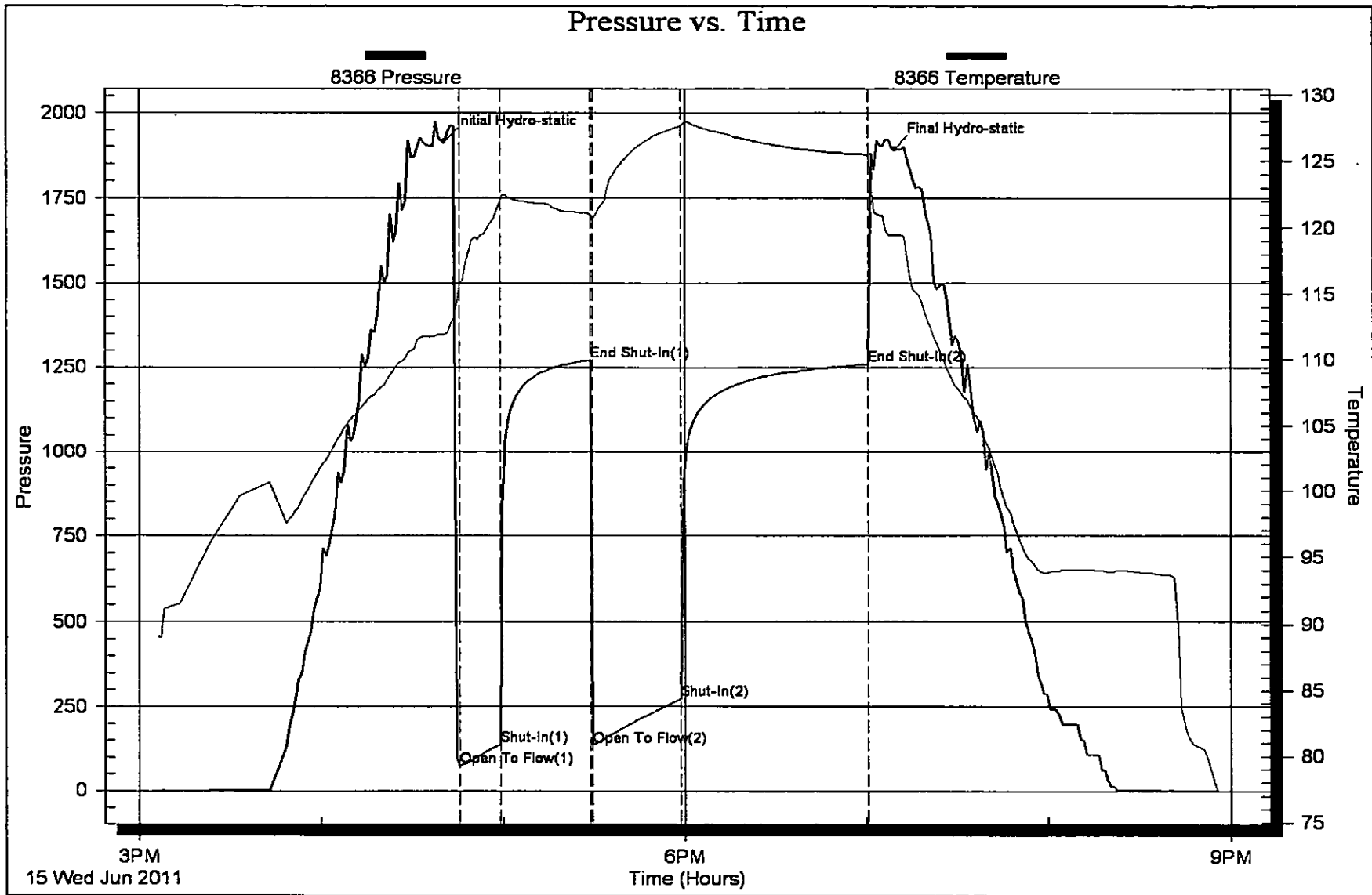
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	25000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 1.00 inches			

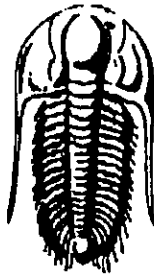
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MCW 82%w, 18%m	1.471
378.00	MW 52%w, 48%m	5.302
57.00	WCM 84%m, 16%w	0.800
0.00	Slight traces of Oil throughout	0.000

Total Length: 560.00 ft Total Volume: 7.573 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .256 ohms @ 76 deg F





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO 80202

ATTN: Bob Stolze

32-8-29 Sheridan KS

Thummel Trust #32-1

Start Date: 2011.06.16 @ 10:08:00

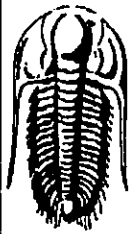
End Date: 2011.06.16 @ 16:44:00

Job Ticket #: 042903 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

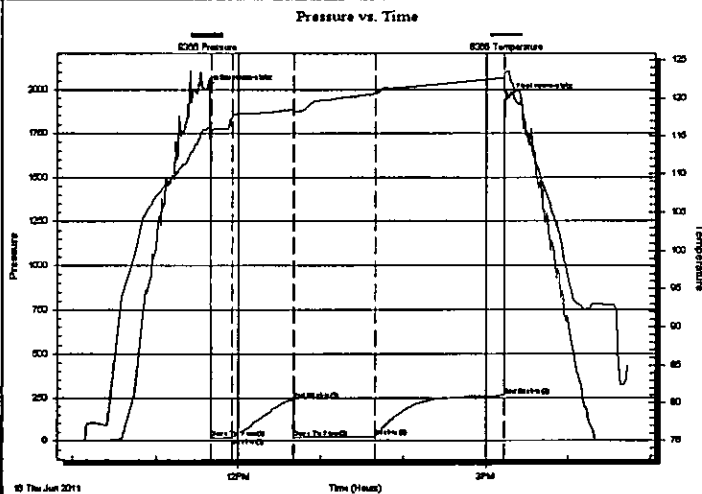
Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042903 DST#: 4
Test Start: 2011.06.16 @ 10:08:00

GENERAL INFORMATION:

Formation: LKC "J"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:40:00
Time Test Ended: 16:44:00
Interval: 4118.00 ft (KB) To 4145.00 ft (KB) (TVD)
Total Depth: 4145.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46
Reference Elevations: 2852.00 ft (KB)
2844.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8366 Inside
Press@RunDepth: 25.46 psig @ 4119.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.16 End Date: 2011.06.16 Last Calib.: 2011.06.16
Start Time: 10:08:05 End Time: 16:43:59 Time On Btm: 2011.06.16 @ 11:37:00
Time Off Btm: 2011.06.16 @ 15:16:30

TEST COMMENT: IF: Blow built to 2 3/4"
IS: No blow back
FF: 2 1/2" blow at open, built to BOB (11") at 30 min.
FSI: No blow back



PRESSURE SUMMARY

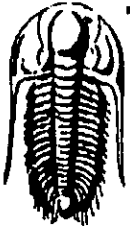
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.96	115.86	Initial Hydro-static
3	19.11	115.54	Open To Flow (1)
19	19.91	117.52	Shut-In(1)
63	239.38	118.44	End Shut-In(1)
63	17.83	118.29	Open To Flow (2)
123	25.46	120.62	Shut-In(2)
216	261.68	122.69	End Shut-In(2)
220	1956.03	123.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	GOCM 67% m, 23% o, 10% g	0.17
0.00	GIP = 310'	0.00

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
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042903 DST#: 4
Test Start: 2011.06.16 @ 10:08:00

Tool Information

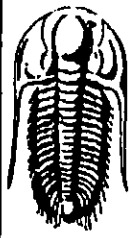
Drill Pipe:	Length: 4084.00 ft	Diameter: 3.80 inches	Volume: 57.29 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4118.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Jars weren't marked on the sheet but I didn't take them out since it was probably the last test, and it pulled so tight coming off bottom on the 3rd test.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4095.00	
Hydraulic tool	5.00			4100.00	
Jars	5.00			4105.00	
Safety Joint	3.00			4108.00	
Packer	5.00			4113.00	28.00 Bottom Of Top Packer
Packer	5.00			4118.00	
Stubb	1.00			4119.00	
Recorder	0.00	8366	Inside	4119.00	
Recorder	0.00	8320	Outside	4119.00	
Perforations	23.00			4142.00	
Bullnose	3.00			4145.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042903 DST#: 4
Test Start: 2011.06.16 @ 10:08:00

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: 70.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

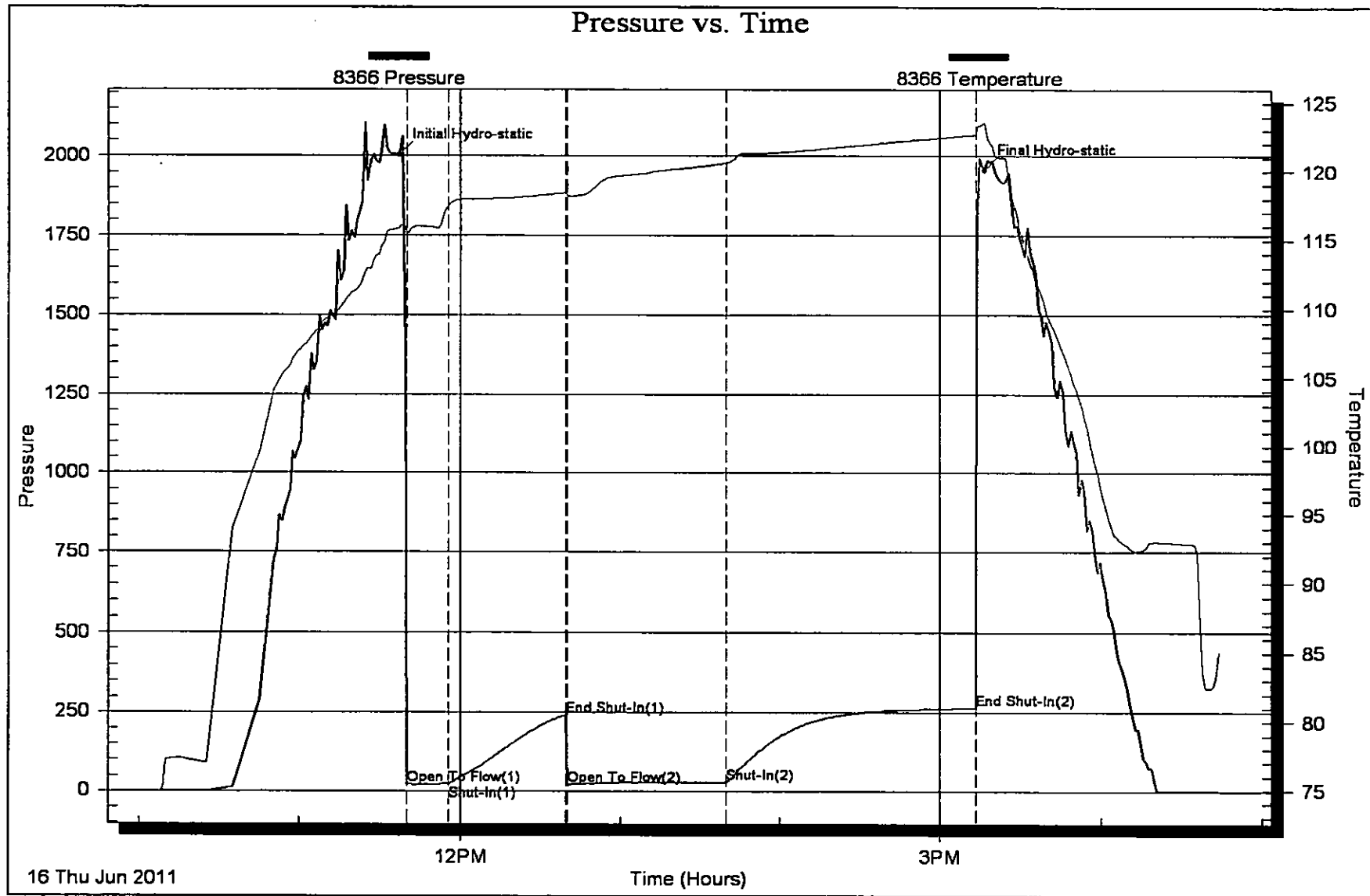
Length ft	Description	Volume bbl
32.00	GOCM 67% _m , 23% _o , 10% _g	0.166
0.00	GIP = 310'	0.000

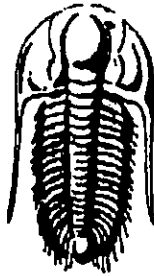
Total Length: 32.00 ft Total Volume: 0.166 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO 80202

ATTN: Bob Stolze

32-8-29 Sheridan KS

Thummel Trust #32-1

Start Date: 2011.06.17 @ 03:15:00

End Date: 2011.06.17 @ 07:03:00

Job Ticket #: 042904 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Production Corp.

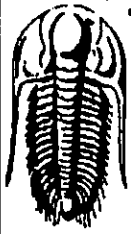
Thummel Trust #32-1

32-8-29 Sheridan KS

DST # 5

Cong. Sandstone

2011.06.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042904 DST#: 5
Test Start: 2011.06.17 @ 03:15:00

Tool Information

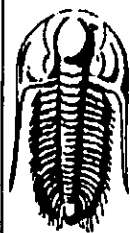
Drill Pipe:	Length: 4177.00 ft	Diameter: 3.80 inches	Volume: 58.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 35000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 58.74 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4205.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			4182.00	
Hydraulic tool	5.00			4187.00	
Jars	5.00			4192.00	
Safety Joint	3.00			4195.00	
Packer	5.00			4200.00	28.00 Bottom Of Top Packer
Packer	5.00			4205.00	
Stubb	1.00			4206.00	
Recorder	0.00	8366	Inside	4206.00	
Recorder	0.00	8320	Outside	4206.00	
Perforations	21.00			4227.00	
Bullnose	3.00			4230.00	25.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042904 DST#: 5
Test Start: 2011.06.17 @ 03:15:00

Mud and Cushion Information

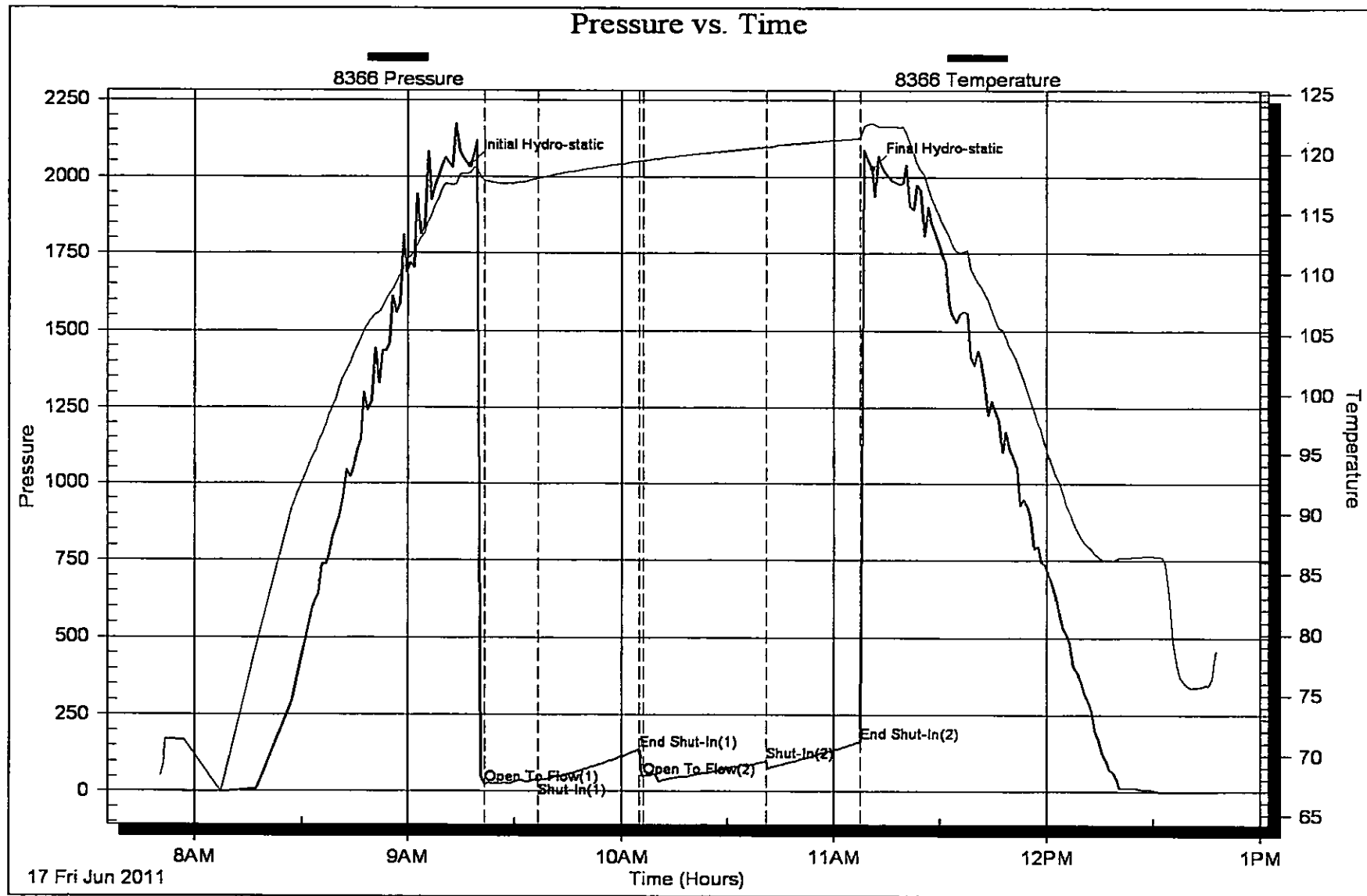
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 70.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

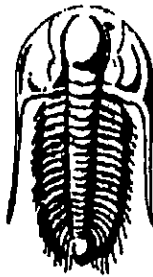
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
815.00	Mud 100%	11.150

Total Length: 815.00 ft Total Volume: 11.150 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St. STE 1500
Denver, CO 80202

ATTN: Bob Stolze

32-8-29 Sheridan KS

Thummel Trust #32-1

Start Date: 2011.06.17 @ 07:50:00

End Date: 2011.06.17 @ 12:47:30

Job Ticket #: 042905 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Production Corp.

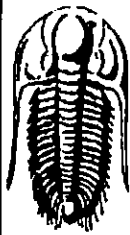
Thummel Trust #32-1

32-8-29 Sheridan KS

DST # 6

LKC "K-L", Cong. SS

2011.06.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042905 DST#: 6
Test Start: 2011.06.17 @ 07:50:00

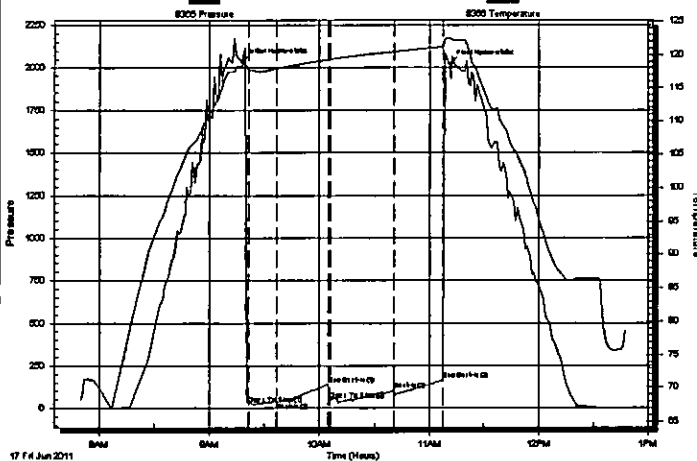
GENERAL INFORMATION:

Formation: LKC "K-L", Cong. SS
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:21:30
Time Test Ended: 12:47:30
Interval: 4145.00 ft (KB) To 4230.00 ft (KB) (TVD)
Total Depth: 4030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2852.00 ft (KB)
2844.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8366 Inside
Press@RunDepth: 101.02 psig @ 4146.00 ft (KB)
Start Date: 2011.06.17 End Date: 2011.06.17
Start Time: 07:50:05 End Time: 12:47:29
Capacity: 8000.00 psig
Last Calib.: 2011.06.17
Time On Btm: 2011.06.17 @ 09:17:30
Time Off Btm: 2011.06.17 @ 11:11:00

TEST COMMENT: IF: Blow built to 1/2"
IS: No blow back
FF: No blow
FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

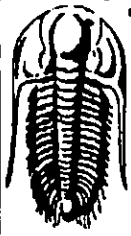
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.14	118.35	Initial Hydro-static
4	24.17	117.77	Open To Flow (1)
19	33.98	117.91	Shut-In(1)
48	136.15	119.33	End Shut-In(1)
49	49.49	119.37	Open To Flow (2)
84	101.02	120.54	Shut-In(2)
110	163.21	121.28	End Shut-In(2)
114	2027.14	122.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.07

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
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042905 DST#: 6
Test Start: 2011.06.17 @ 07:50:00

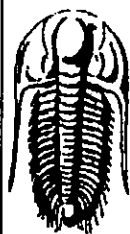
Tool Information

Drill Pipe:	Length: 4114.00 ft	Diameter: 3.80 inches	Volume: 57.71 bbl	Tool Weight: 2500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4145.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	113.00 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			4122.00	
Hydraulic tool	5.00			4127.00	
Jars	5.00			4132.00	
Safety Joint	3.00			4135.00	
Packer	5.00			4140.00	28.00 Bottom Of Top Packer
Packer	5.00			4145.00	
Stubb	1.00			4146.00	
Recorder	0.00	8366	Inside	4146.00	
Recorder	0.00	8320	Outside	4146.00	
Perforations	17.00			4163.00	
Blank Spacing	64.00			4227.00	
Bullnose	3.00			4230.00	85.00 Bottom Packers & Anchor

Total Tool Length: 113.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.
1600 Stout St. STE 1500
Denver, CO 80202
ATTN: Bob Stolze

Thummel Trust #32-1
32-8-29 Sheridan KS
Job Ticket: 042905 DST#: 6
Test Start: 2011.06.17 @ 07:50:00

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: 70.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

