



## DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petroleum L.C.**

200 E 1st #001  
Wichita, Ks 67202

ATTN: Dan Reynolds

**8 16s 22w Ness Ks**

**Virginia #1**

Start Date: 2003.04.11 @ 06:08:26

End Date: 2003.04.11 @ 11:49:56

Job Ticket #: 17786                      DST #: 1

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 Coast Petroleum L.C.

Virginia #1

200 E 1st #001  
Wichita, Ks 67202

8 16s 22w Ness Ks

ATTN: Dan Reynolds

Job Ticket: 17786

DST#: 1

Test Start: 2003.04.11 @ 06:08:26

## GENERAL INFORMATION:

Formation: **Cherokee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 08:13:11  
Time Test Ended: 11:49:56

Test Type: Conventional Bottom Hole  
Tester: Paul Simpson  
Unit No: 18

Interval: **4350.00 ft (KB) To 4388.00 ft (KB) (TVD)**  
Total Depth: 4388.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2425.00 ft (KB)  
2420.00 ft (CF)  
KB to GR/CF: 5.00 ft

## Serial #: 3227

Inside

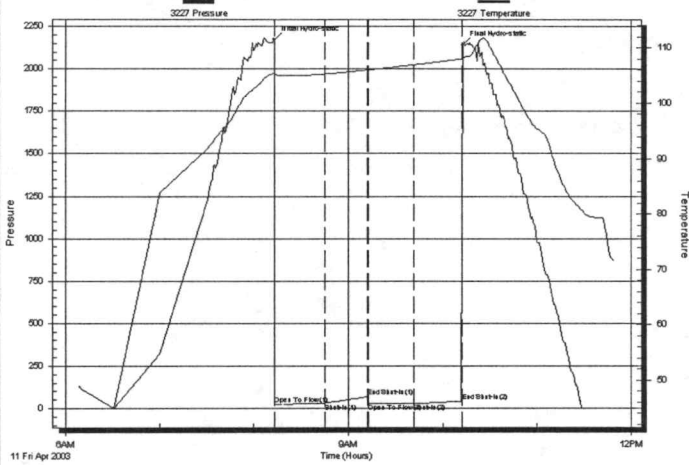
Press@RunDepth: 25.87 psig @ 4353.50 ft (KB)  
Start Date: 2003.04.11 End Date: 2003.04.11  
Start Time: 06:08:27 End Time: 11:49:56

Capacity: 7000.00 psig  
Last Calib.: 2003.01.27  
Time On Btm: 2003.04.11 @ 08:12:56  
Time Off Btm: 2003.04.11 @ 10:12:41

TEST COMMENT: IF-Weak 1" blow decreasing to surface blow

FF- no blow

Pressure vs. Time



## PRESSURE SUMMARY

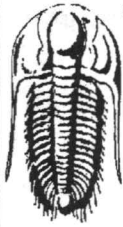
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2171.85	105.33	Initial Hydro-static
1	23.05	105.18	Open To Flow (1)
32	25.89	105.27	Shut-In(1)
59	67.41	106.02	End Shut-In(1)
60	26.90	106.03	Open To Flow (2)
89	25.87	106.96	Shut-In(2)
120	41.56	108.03	End Shut-In(2)
120	2142.13	108.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.04

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

Job Ticket: 17786

**DST#: 1**

ATTN: Dan Reynolds

Test Start: 2003.04.11 @ 06:08:26

## Tool Information

Drill Pipe:	Length: 3917.00 ft	Diameter: 3.80 inches	Volume: 54.95 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 409.00 ft	Diameter: 2.70 inches	Volume: 2.90 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.85 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4350.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4324.00	
S.I. Tool	5.00			4329.00	
HMV	5.00			4334.00	
Jars	5.00			4339.00	
Safety Joint	2.00			4341.00	
Packer	5.00			4346.00	27.00 Bottom Of Top Packer
Packer	4.00			4350.00	
Stubb	1.00			4351.00	
Perforations	2.00			4353.00	
C.O. Sub	0.50			4353.50	
Recorder	0.00	3227	Inside	4353.50	
Blank Spacing	31.00			4384.50	
C.O. Sub	0.50			4385.00	
Recorder	0.00	13308	Outside	4385.00	
Bullnose	3.00			4388.00	38.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>65.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

ATTN: Dan Reynolds

Job Ticket: 17786

**DST#: 1**

Test Start: 2003.04.11 @ 06:08:26

**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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.035

Total Length: 5.00 ft      Total Volume: 0.035 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

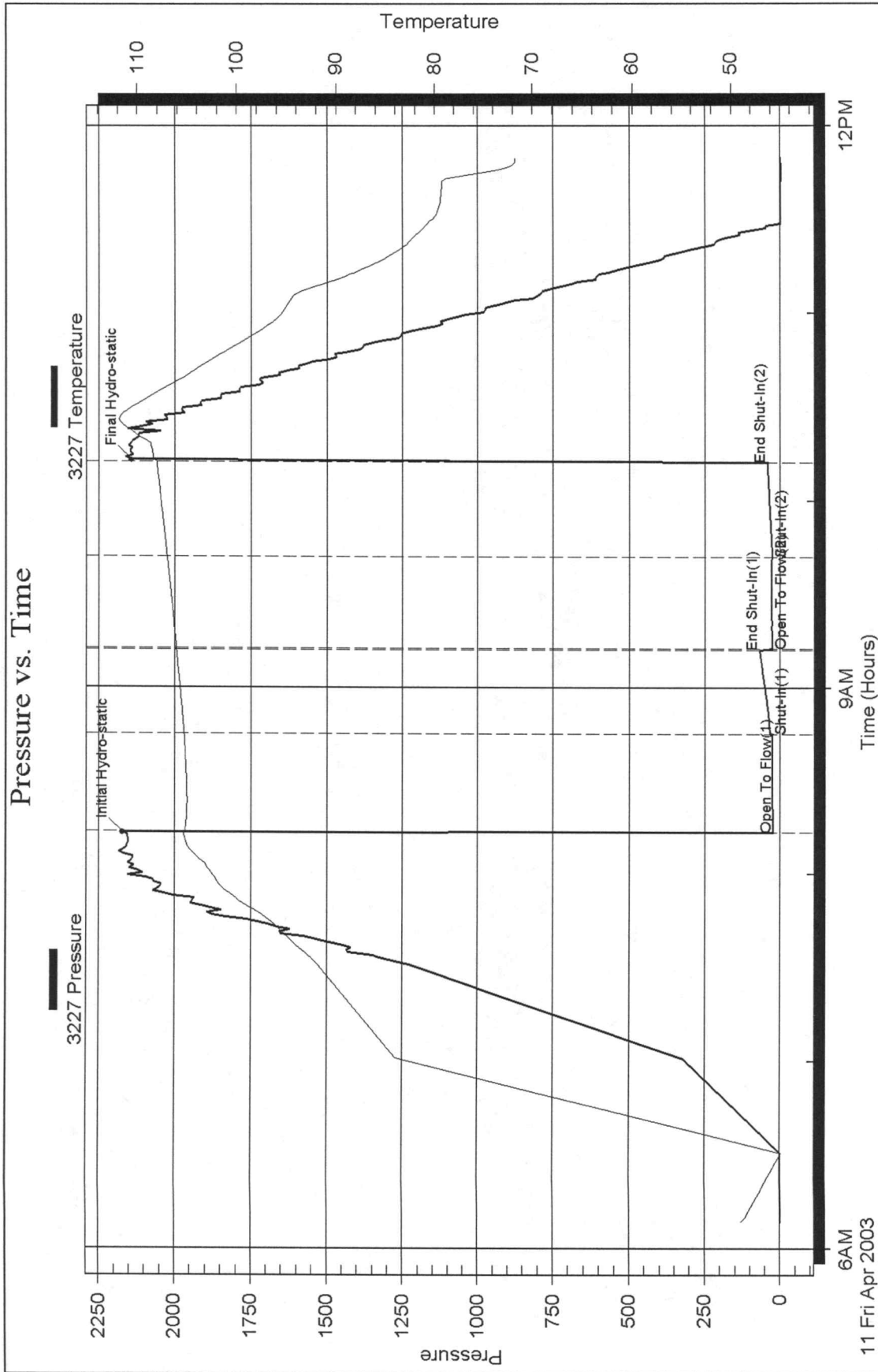
Serial #: 3227

Inside

Coral Coast Petroleum L.C.

8 16s 22w Ness Ks

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petroleum L.C.**

200 E 1st #001  
Wichita, Ks 67202

ATTN: Dan Reynolds

**8 16s 22w Ness Ks**

**Virginia #1**

Start Date: 2003.04.11 @ 18:54:50

End Date: 2003.04.11 @ 23:43:35

Job Ticket #: 17787                      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

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

ATTN: Dan Reynolds

Job Ticket: 17787

**DST#: 2**

Test Start: 2003.04.11 @ 18:54:50

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:41:35

Time Test Ended: 23:43:35

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 18

Interval: **4350.00 ft (KB) To 4398.00 ft (KB) (TVD)**

Total Depth: 4388.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2425.00 ft (KB)

2420.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 3227**

**Inside**

Press@RunDepth: 32.76 psig @ 4353.50 ft (KB)

Start Date: 2003.04.11

End Date:

2003.04.11

Start Time: 18:54:51

End Time:

23:43:35

Capacity: 7000.00 psig

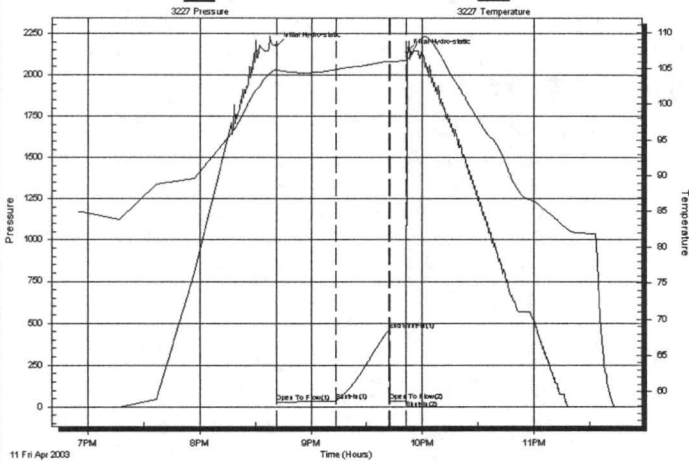
Last Calib.: 2003.01.27

Time On Btm: 2003.04.11 @ 20:41:20

Time Off Btm: 2003.04.11 @ 21:51:35

TEST COMMENT: IF- .5" blow decreasing to surface blow  
FF- few bubbles when tool opened then blow died

Pressure vs. Time



## PRESSURE SUMMARY

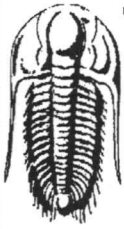
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.76	104.87	Initial Hydro-static
1	28.32	104.72	Open To Flow (1)
32	32.76	104.82	Shut-In(1)
61	457.26	106.01	End Shut-In(1)
61	34.51	105.98	Open To Flow (2)
70	36.35	106.10	Shut-In(2)
71	2136.57	106.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.04

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

Job Ticket: 17787

**DST#: 2**

ATTN: Dan Reynolds

Test Start: 2003.04.11 @ 18:54:50

## Tool Information

Drill Pipe:	Length: 3917.00 ft	Diameter: 3.80 inches	Volume: 54.95 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 409.00 ft	Diameter: 2.70 inches	Volume: 2.90 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<b>Total Volume: 57.85 bbl</b>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4350.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4324.00	
S.I. Tool	5.00			4329.00	
HMV	5.00			4334.00	
Jars	5.00			4339.00	
Safety Joint	2.00			4341.00	
Packer	5.00			4346.00	27.00 Bottom Of Top Packer
Packer	4.00			4350.00	
Stubb	1.00			4351.00	
Perforations	2.00			4353.00	
C.O. Sub	0.50			4353.50	
Recorder	0.00	3227	Inside	4353.50	
Blank Spacing	31.00			4384.50	
Perforations	10.00			4394.50	
C.O. Sub	0.50			4395.00	
Recorder	0.00	13308	Outside	4395.00	
Bullnose	3.00			4398.00	48.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>75.00</b>				



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

Job Ticket: 17787

**DST#: 2**

ATTN: Dan Reynolds

Test Start: 2003.04.11 @ 18:54:50

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.035

Total Length: 5.00 ft      Total Volume: 0.035 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

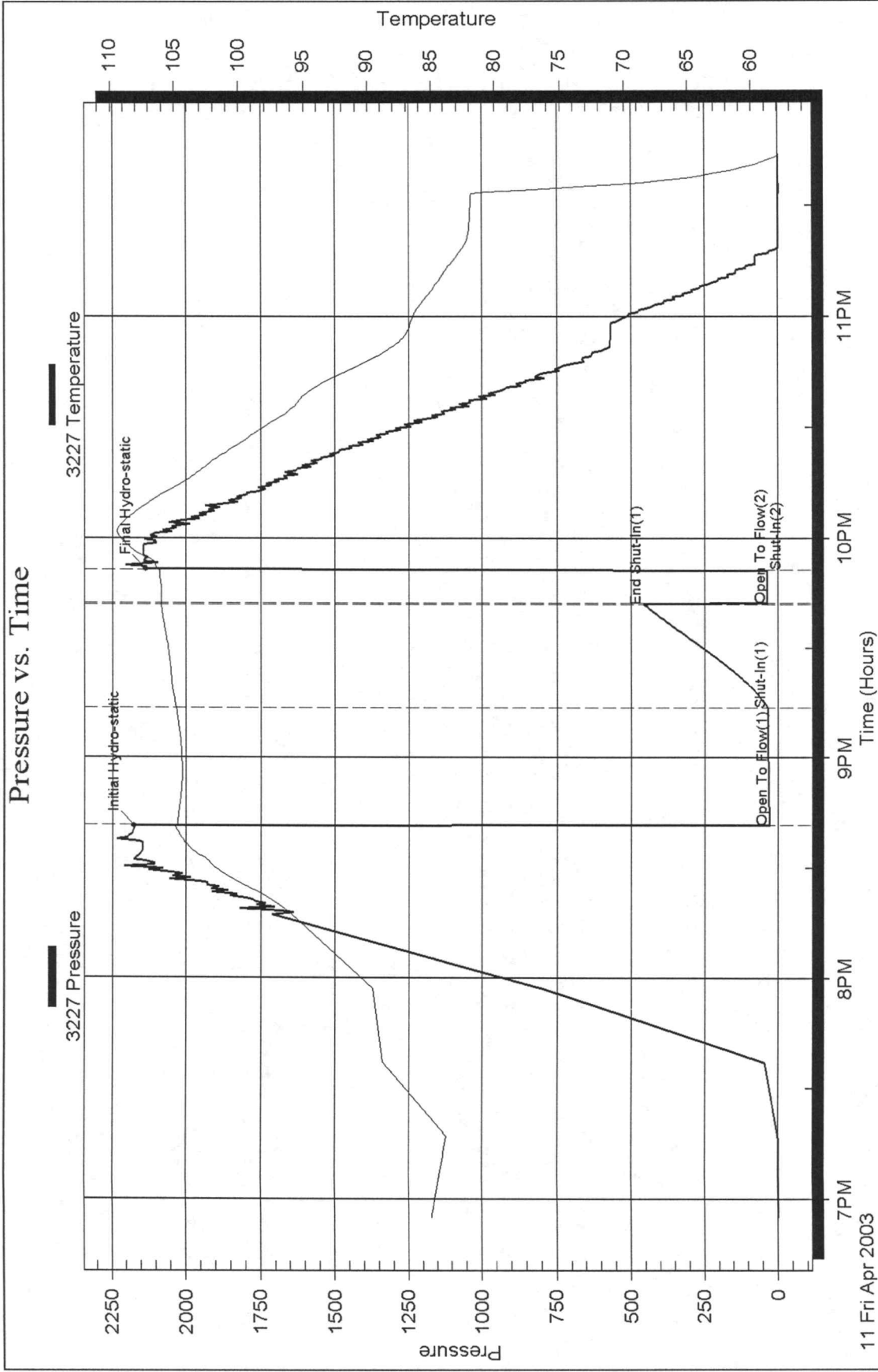
Serial #: 3227

Inside

Coral Coast Petroleum L.C.

8 16s 22w Ness Ks

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petroleum L.C.**

200 E 1st #001  
Wichita, Ks 67202

ATTN: Dan Reynolds

**8 16s 22w Ness Ks**

**Virginia #1**

Start Date: 2003.04.12 @ 07:20:12

End Date: 2003.04.12 @ 13:48:57

Job Ticket #: 17788                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Coast Petroleum L.C.

Virginia #1

8 16s 22w Ness Ks

DST # 3

Cherokee

2003.04.12



**TRILOBITE  
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# DRILL STEM TEST REPORT

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

ATTN: Dan Reynolds

Job Ticket: 17788

**DST#: 3**

Test Start: 2003.04.12 @ 07:20:12

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:11:57

Time Test Ended: 13:48:57

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 18

Interval: **4349.00 ft (KB) To 4405.00 ft (KB) (TVD)**

Total Depth: 4405.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2425.00 ft (KB)

2420.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 3227**

**Inside**

Press@RunDepth: 401.00 psig @ 4352.50 ft (KB)

Start Date: 2003.04.12

End Date:

2003.04.12

Start Time: 07:20:13

End Time:

13:48:57

Capacity: 7000.00 psig

Last Calib.: 2003.02.25

Time On Btm: 2003.04.12 @ 09:11:42

Time Off Btm: 2003.04.12 @ 11:42:57

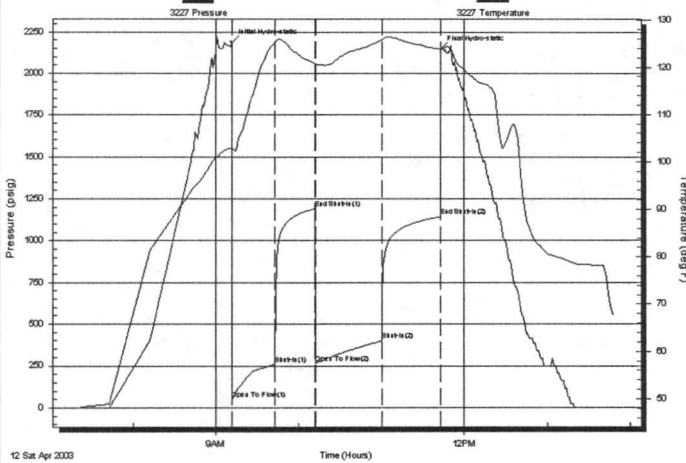
TEST COMMENT: IF- 1" Blow building to bottom of bucket in 10 minutes

IS- no blow

FF- surface blow building to bottom of bucket in 18 minutes

FSI- no blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.71	102.88	Initial Hydro-static
1	51.93	102.69	Open To Flow (1)
31	260.19	125.26	Shut-In(1)
60	1191.40	120.80	End Shut-In(1)
61	265.54	120.66	Open To Flow (2)
109	401.00	125.88	Shut-In(2)
151	1143.67	123.82	End Shut-In(2)
152	2143.21	123.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
450.00	watery mud 30% water 70% mud	3.47
420.00	muddy water 70% water 30% mud	5.89

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Coast Petroleum L.C.

**Virginia #1**

200 E 1st #001  
Wichita, Ks 67202

**8 16s 22w Ness Ks**

Job Ticket: 17788

**DST#: 3**

ATTN: Dan Reynolds

Test Start: 2003.04.12 @ 07:20:12

## Tool Information

Drill Pipe:	Length: 3917.00 ft	Diameter: 3.80 inches	Volume: 54.95 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 409.00 ft	Diameter: 2.70 inches	Volume: 2.90 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 57.85 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4349.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4323.00	
S.I. Tool	5.00			4328.00	
HMV	5.00			4333.00	
Jars	5.00			4338.00	
Safety Joint	2.00			4340.00	
Packer	5.00			4345.00	27.00 Bottom Of Top Packer
Packer	4.00			4349.00	
Stubb	1.00			4350.00	
Perforations	2.00			4352.00	
C.O. Sub	0.50			4352.50	
Recorder	0.00	3227	Inside	4352.50	
Blank Spacing	31.00			4383.50	
C.O. Sub	0.50			4384.00	
Perforations	18.00			4402.00	
Recorder	0.00	13308	Outside	4402.00	
Bullnose	3.00			4405.00	56.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>83.00</b>				



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Coast Petroleum L.C.

Virginia #1

200 E 1st #001  
Wichita, Ks 67202

8 16s 22w Ness Ks

Job Ticket: 17788

DST#: 3

ATTN: Dan Reynolds

Test Start: 2003.04.12 @ 07:20:12

### 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:	20000 ppm
Viscosity:	42.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.19 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
450.00	watery mud 30% water 70% mud	3.472
420.00	muddy water 70% water 30% mud	5.891

Total Length: 870.00 ft      Total Volume: 9.363 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .26@90

