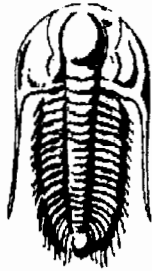


P&A

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ORIGINAL



TRILOBITE  
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.18 @ 00:00:32

End Date: 2003.07.18 @ 05:50:17

Job Ticket #: 17250                      DST #: 1

Trilobite Testing, Inc


PO Box 362 Hays, KS 67601

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

Coral Production Corp.  
E.Porter # 1  
19--13s--16w  
DST # 1  
Tor.-L.Kc.-A&B  
2003.07.18

101079

# ORIGINAL

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT	
	Coral Production Corp.	E.Porter # 1
	1600 Strout St Ste 1500 Denver CO 80202	19-13s-16w
ATTN: Jim Weber	Job Ticket: 17250	DST#: 1
	Test Start: 2003.07.18 @ 00:00:32	

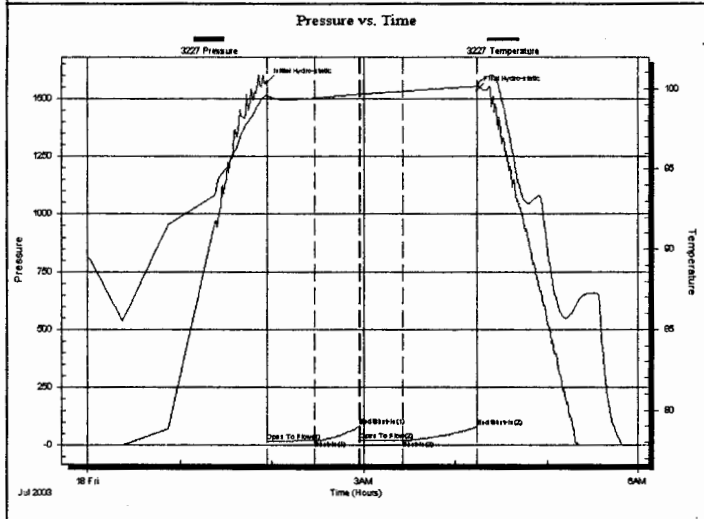
**GENERAL INFORMATION:**

Formation: <b>Tor.-L.Kc.-A&amp;B</b>	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: John Schmidt
Time Tool Opened: 01:57:02	Unit No: 18
Time Test Ended: 05:50:17	
Interval: <b>3236.00 ft (KB) To 3300.00 ft (KB) (TVD)</b>	Reference Elevations: 1989.00 ft (KB)
Total Depth: 3300.00 ft (KB) (TVD)	1984.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 5.00 ft

**Serial #: 3227 Inside**

Press@RunDepth: 21.55 psig @ 3245.01 ft (KB)	Capacity: 7000.00 psig
Start Date: 2003.07.18	Last Calib.: 2003.07.18
Start Time: 00:00:33	Time On Btm: 2003.07.18 @ 01:56:47
End Date: 2003.07.18	Time Off Btm: 2003.07.18 @ 04:14:02
End Time: 05:50:17	

**TEST COMMENT:** IF-Weak Dead in 10 min.  
FF-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1570.44	99.64	Initial Hydro-static
1	17.92	99.54	Open To Flow (1)
31	20.11	99.43	Shut-In (1)
61	83.43	99.67	End Shut-In (1)
61	20.57	99.67	Open To Flow (2)
89	21.55	99.84	Shut-In (2)
137	79.73	100.14	End Shut-In (2)
138	1536.89	100.24	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

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

ORIGINAL



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17250      **DST#: 1**  
Test Start: 2003.07.18 @ 00:00:32

#### Tool Information

Drill Pipe:	Length: 3147.00 ft	Diameter: 3.80 inches	Volume: 44.14 bbl	Tool Weight: 3300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 44.57 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3236.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.02 ft			
Tool Length:	84.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

#### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3217.00	
S.I. Tool	5.00			3222.00	
HMV	5.00			3227.00	
Packer	4.00			3231.00	20.00      Bottom Of Top Packer
Packer	5.00			3236.00	
Stubb	1.00			3237.00	
Perforations	7.00			3244.00	
C.O. Sub	1.00			3245.00	
Recorder	0.01	3227	Inside	3245.01	
Blank Spacing	31.00			3276.01	
C.O. Sub	1.00			3277.01	
Perforations	20.00			3297.01	
Recorder	0.01	13308	Outside	3297.02	
Bullnose	3.00			3300.02	64.02      Bottom Packers & Anchor

**Total Tool Length: 84.02**



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

### FLUID SUMMARY

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17250      **DST#: 1**  
Test Start: 2003.07.18 @ 00:00:32

#### 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:	51.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.18 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Drilling Mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

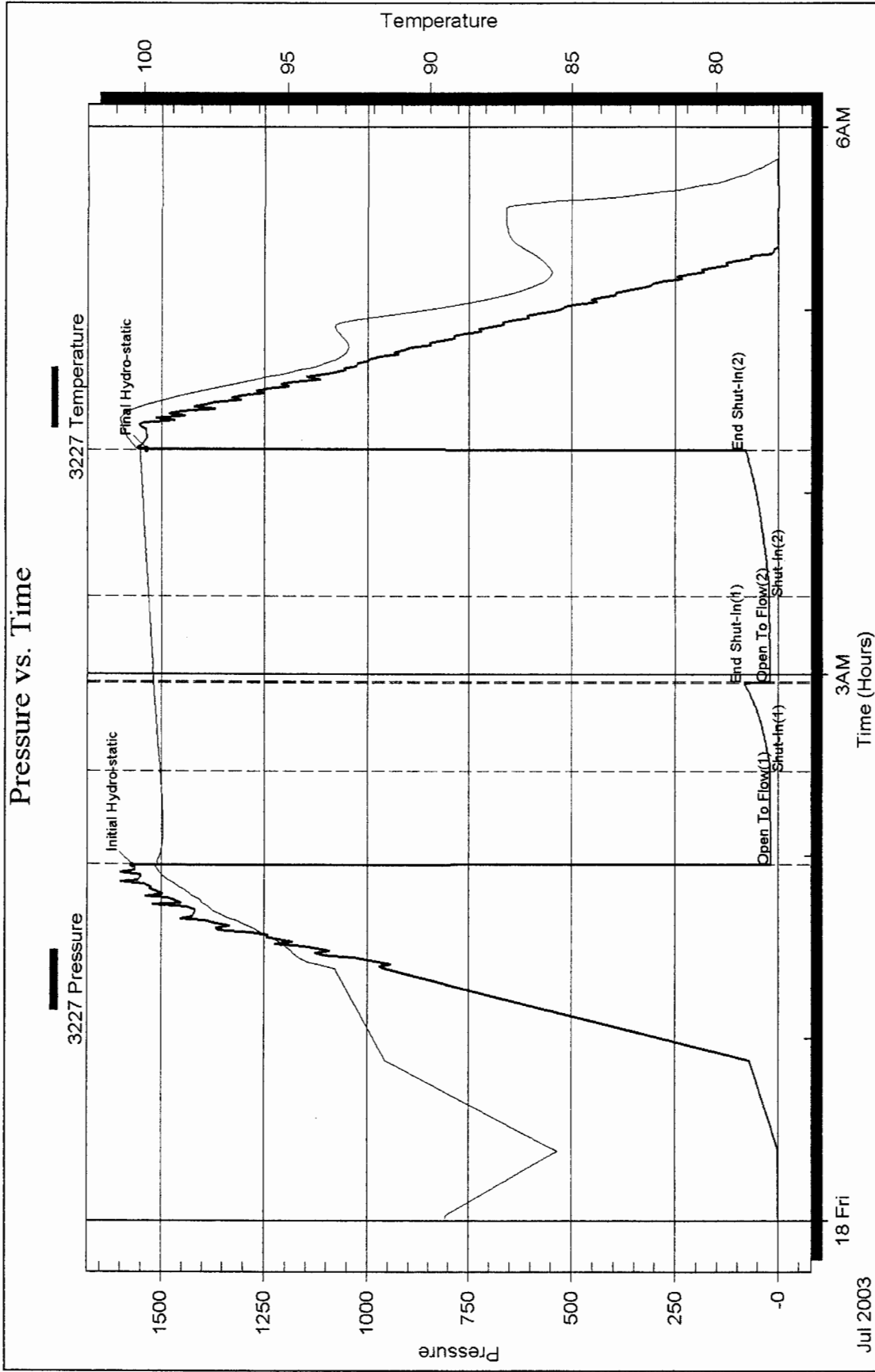
Serial #: 3227

Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

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**DRILL STEM TEST REPORT**

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.18 @ 17:00:00

End Date: 2003.07.18 @ 22:43:15

Job Ticket #: 17351                      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 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17351      **DST#: 2**  
Test Start: 2003.07.18 @ 17:00:00

**Tool Information**

Drill Pipe:	Length: 3203.00 ft	Diameter: 3.80 inches	Volume: 44.93 bbl	Tool Weight: 3100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 45.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3300.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.02 ft			
Tool Length:	75.02 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			3281.00	
S.I. Tool	5.00			3286.00	
HMV	5.00			3291.00	
Packer	4.00			3295.00	20.00      Bottom Of Top Packer
Packer	5.00			3300.00	
Stubb	1.00			3301.00	
Perforations	3.00			3304.00	
C.O. Sub	1.00			3305.00	
Recorder	0.01	3227	Inside	3305.01	
Blank Spacing	31.00			3336.01	
C.O. Sub	1.00			3337.01	
Perforations	15.00			3352.01	
Recorder	0.01	13308	Outside	3352.02	
Bullnose	3.00			3355.02	55.02      Bottom Packers & Anchor

**Total Tool Length: 75.02**



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

### FLUID SUMMARY

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17351      **DST#: 2**  
Test Start: 2003.07.18 @ 17:00:00

#### 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 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	Drilling Mud With oil specks	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 3227

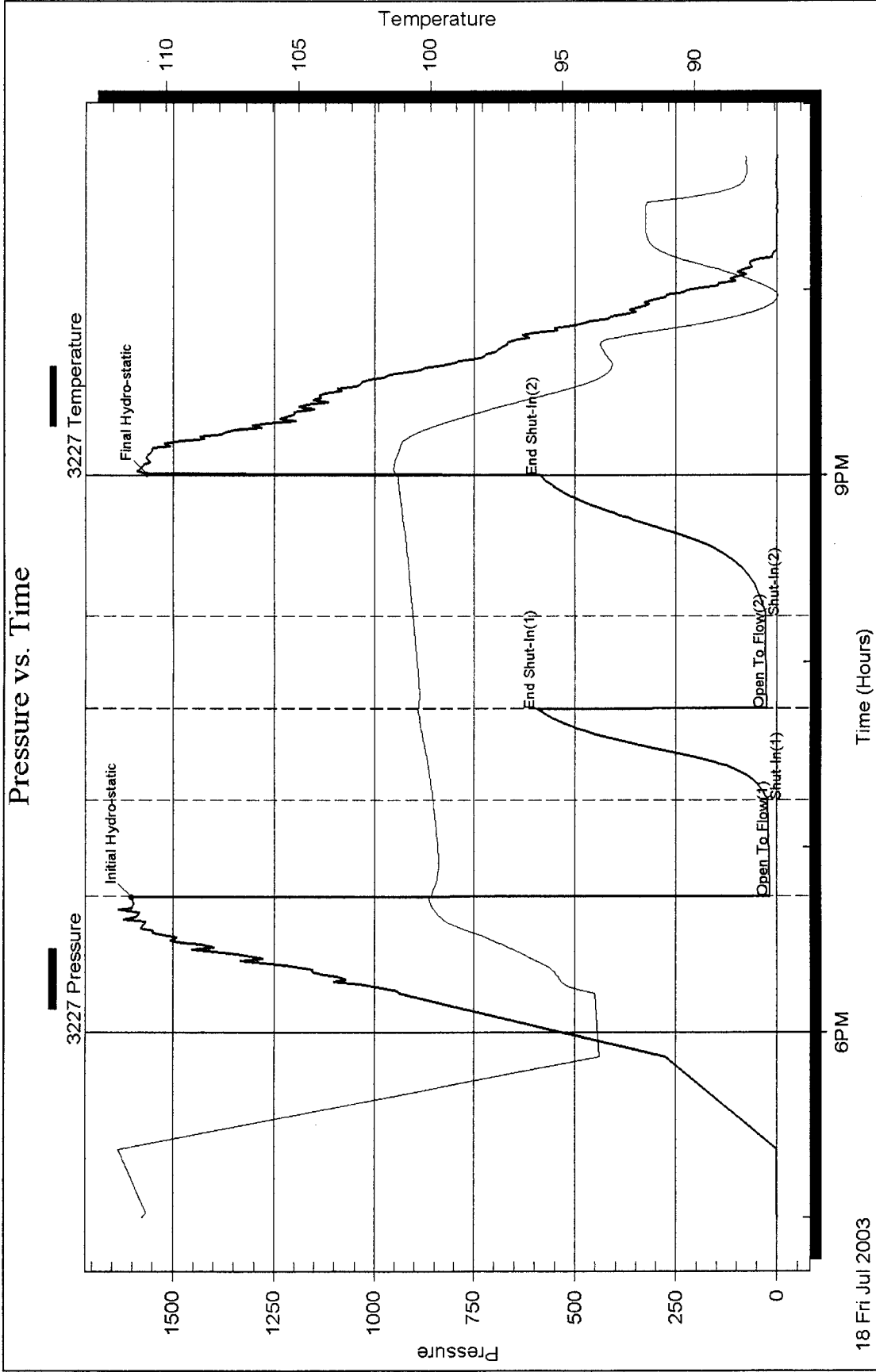
Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 2

### Pressure vs. Time



18 Fri Jul 2003

6PM

9PM

Time (Hours)



**TRILOBITE  
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## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.19 @ 09:06:50

End Date: 2003.07.19 @ 14:51:50

Job Ticket #: 17352                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

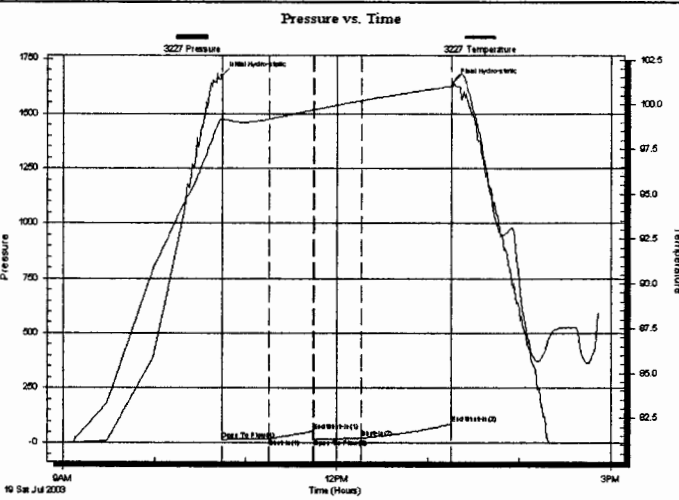
**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17352      **DST#: 3**  
Test Start: 2003.07.19 @ 09:06:50

**GENERAL INFORMATION:**

Formation: **L.Kc.H&I**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 10:44:20  
Time Test Ended: 14:51:50  
Interval: **3390.00 ft (KB) To 3426.00 ft (KB) (TVD)**  
Total Depth: 3426.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: John Schmidt  
Unit No: 18  
Reference Elevations: 1989.00 ft (KB)  
1984.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 3227      Inside**  
Press@RunDepth: 22.83 psig @ 3394.01 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2003.07.19      End Date: 2003.07.19      Last Calib.: 2003.07.19  
Start Time: 09:06:51      End Time: 14:51:50      Time On Btm: 2003.07.19 @ 10:44:05  
Time Off Btm: 2003.07.19 @ 13:16:20

TEST COMMENT: IF-Weak Dead in 15 min.  
FF-Weak Dead in 3 min.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.63	99.27	Initial Hydro-static
1	15.68	99.17	Open To Flow (1)
31	19.75	99.18	Shut-In(1)
61	54.67	99.72	End Shut-In(1)
61	18.52	99.73	Open To Flow (2)
92	22.83	100.22	Shut-In(2)
152	87.94	101.02	End Shut-In(2)
153	1640.97	101.20	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	S-O-C-M 5%oil-95%mud	0.05

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17352      **DST#: 3**  
Test Start: 2003.07.19 @ 09:06:50

### Tool Information

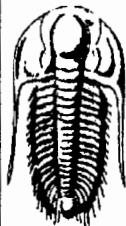
Drill Pipe:	Length: 3316.00 ft	Diameter: 3.80 inches	Volume: 46.51 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 46.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3390.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.02 ft			
Tool Length:	56.02 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			3371.00	
S.I. Tool	5.00			3376.00	
HMV	5.00			3381.00	
Packer	4.00			3385.00	20.00      Bottom Of Top Packer
Packer	5.00			3390.00	
Stubb	1.00			3391.00	
Perforations	3.00			3394.00	
Recorder	0.01	3227	Inside	3394.01	
Perforations	29.00			3423.01	
Recorder	0.01	13308	Outside	3423.02	
Bullnose	3.00			3426.02	36.02      Bottom Packers & Anchor

**Total Tool Length: 56.02**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17352      **DST#: 3**  
Test Start: 2003.07.19 @ 09:06:50

**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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 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
10.00	S-O-C-M 5%oil-95%mud	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 3227

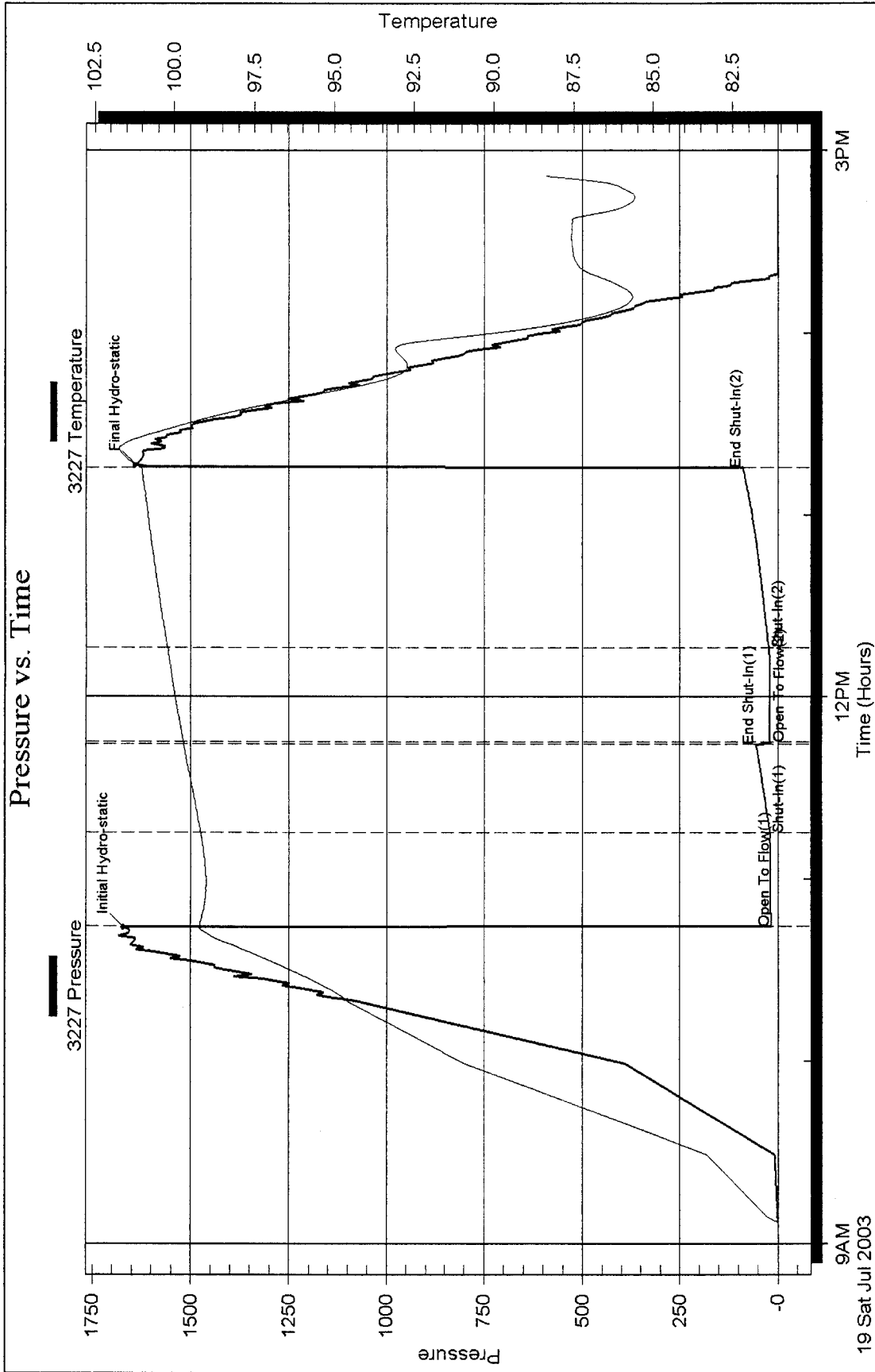
Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 3

### Pressure vs. Time





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**TESTING, INC.**

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## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.20 @ 04:17:23

End Date: 2003.07.20 @ 09:51:53

Job Ticket #: 17353                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



## DRILL STEM TEST REPORT

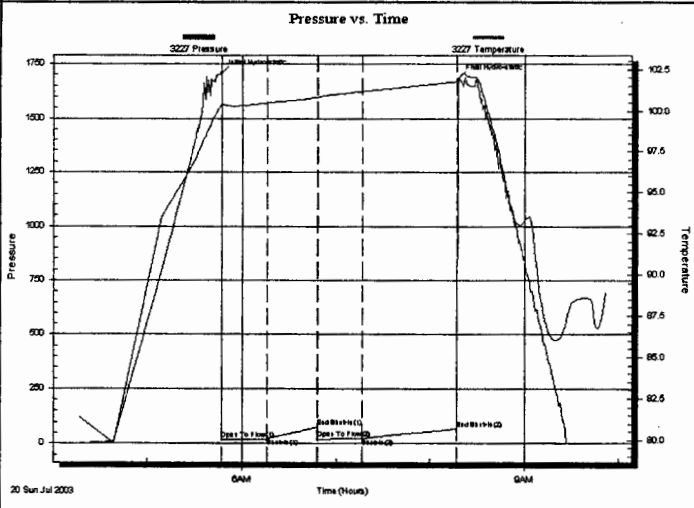
Coral Production Corp. **E.Porter # 1**  
 1600 Strout St Ste 1500 **19--13s--16w**  
 Denver CO 80202 Job Ticket: 17353 **DST#: 4**  
 ATTN: Jim Weber Test Start: 2003.07.20 @ 04:17:23

### GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:47:08 Test Type: Conventional Bottom Hole  
 Time Test Ended: 09:51:53 Tester: John Schmidt  
 Unit No: 18  
**Interval: 3480.00 ft (KB) To 3515.00 ft (KB) (TVD)** Reference Elevations: 1989.00 ft (KB)  
 Total Depth: 3515.00 ft (KB) (TVD) 1984.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

**Serial #: 3227 Inside**  
 Press@RunDepth: 21.93 psig @ 3483.01 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2003.07.20 End Date: 2003.07.20 Last Calib.: 2003.07.20  
 Start Time: 04:17:24 End Time: 09:51:53 Time On Btm: 2003.07.20 @ 05:46:53  
 Time Off Btm: 2003.07.20 @ 08:17:53

TEST COMMENT: IF-Weak Dead in 15 min.  
 FF-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1707.08	100.41	Initial Hydro-static
1	17.48	100.33	Open To Flow (1)
29	21.59	100.47	Shut-In(1)
61	75.32	100.80	End Shut-In(1)
62	21.67	100.81	Open To Flow(2)
90	21.93	101.16	Shut-In(2)
150	68.27	101.75	End Shut-In(2)
151	1683.69	101.97	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud with oil specks	0.02

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**E.Porter # 1**

1600 Strout St Ste 1500  
Denver CO 80202

**19--13s--16w**

Job Ticket: 17353

**DST#: 4**

ATTN: Jim Weber

Test Start: 2003.07.20 @ 04:17:23

### Tool Information

Drill Pipe:	Length: 3387.00 ft	Diameter: 3.80 inches	Volume: 47.51 bbl	Tool Weight: 30000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 47.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3480.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.02 ft			
Tool Length:	55.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

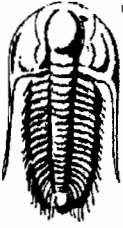
Tool Comments:

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

C.O. Sub	1.00			3461.00	
S.I. Tool	5.00			3466.00	
HMV	5.00			3471.00	
Packer	4.00			3475.00	20.00 Bottom Of Top Packer
Packer	5.00			3480.00	
Stubb	1.00			3481.00	
Perforations	2.00			3483.00	
Recorder	0.01	3227	Inside	3483.01	
Perforations	29.00			3512.01	
Recorder	0.01	13308	Outside	3512.02	
Bullnose	3.00			3515.02	35.02 Bottom Packers & Anchor

**Total Tool Length: 55.02**

101079



**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19--13s--16w**  
Job Ticket: 17353      **DST#: 4**  
Test Start: 2003.07.20 @ 04:17:23

#### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 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	Drilling Mud with oil specks	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 3227

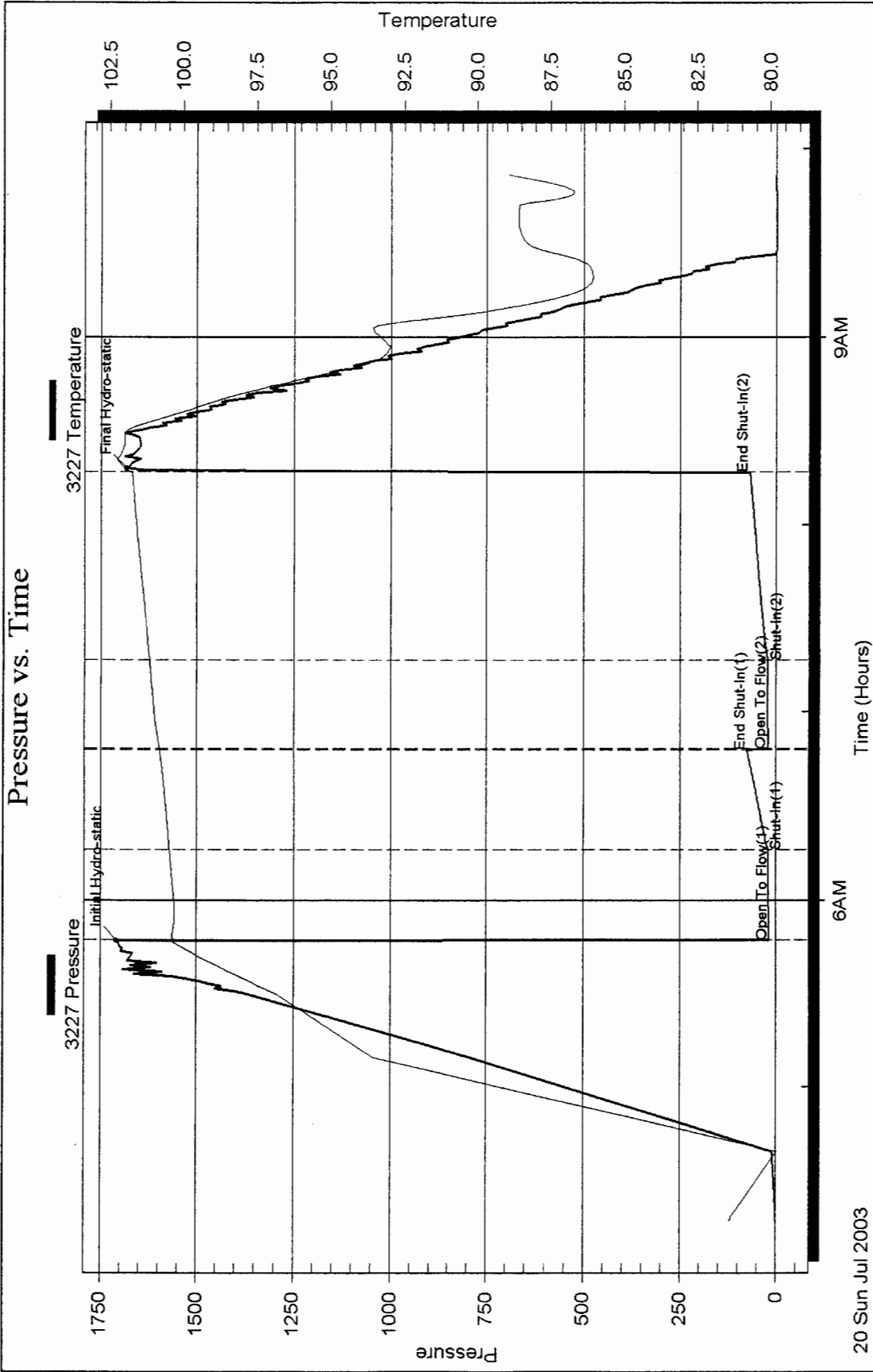
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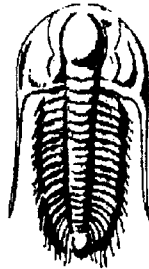
Coral Production Corp.

19--13s--16w

DST Test Number: 4

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

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**DRILL STEM TEST REPORT**

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.20 @ 15:37:48

End Date: 2003.07.20 @ 21:11:33

Job Ticket #: 17354                      DST #: 5

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 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E. Porter # 1**  
**19--13s--16w**  
Job Ticket: 17354      **DST#: 5**  
Test Start: 2003.07.20 @ 15:37:48

### Tool Information

Drill Pipe:	Length: 3432.00 ft	Diameter: 3.80 inches	Volume: 48.14 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: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<b>Total Volume: 48.57 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3514.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.02 ft			
Tool Length:	31.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3495.00	
S.I. Tool	5.00			3500.00	
HMV	5.00			3505.00	
Packer	4.00			3509.00	20.00      Bottom Of Top Packer
Packer	5.00			3514.00	
Stubb	1.00			3515.00	
Recorder	0.01	3227	Inside	3515.01	
Perforations	7.00			3522.01	
Recorder	0.01	13308	Outside	3522.02	
Bullnose	3.00			3525.02	11.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>31.02</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Production Corp.

**E.Porter # 1**

1600 Strout St Ste 1500  
Denver CO 80202

**19-13s-16w**

Job Ticket: 17354

**DST#: 5**

ATTN: Jim Weber

Test Start: 2003.07.20 @ 15:37:48

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 7.17 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 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: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	S-O-C-M 10%oil 90%mud	0.025
4.00	free oil	0.020

Total Length: 9.00 ft      Total Volume: 0.045 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 3227

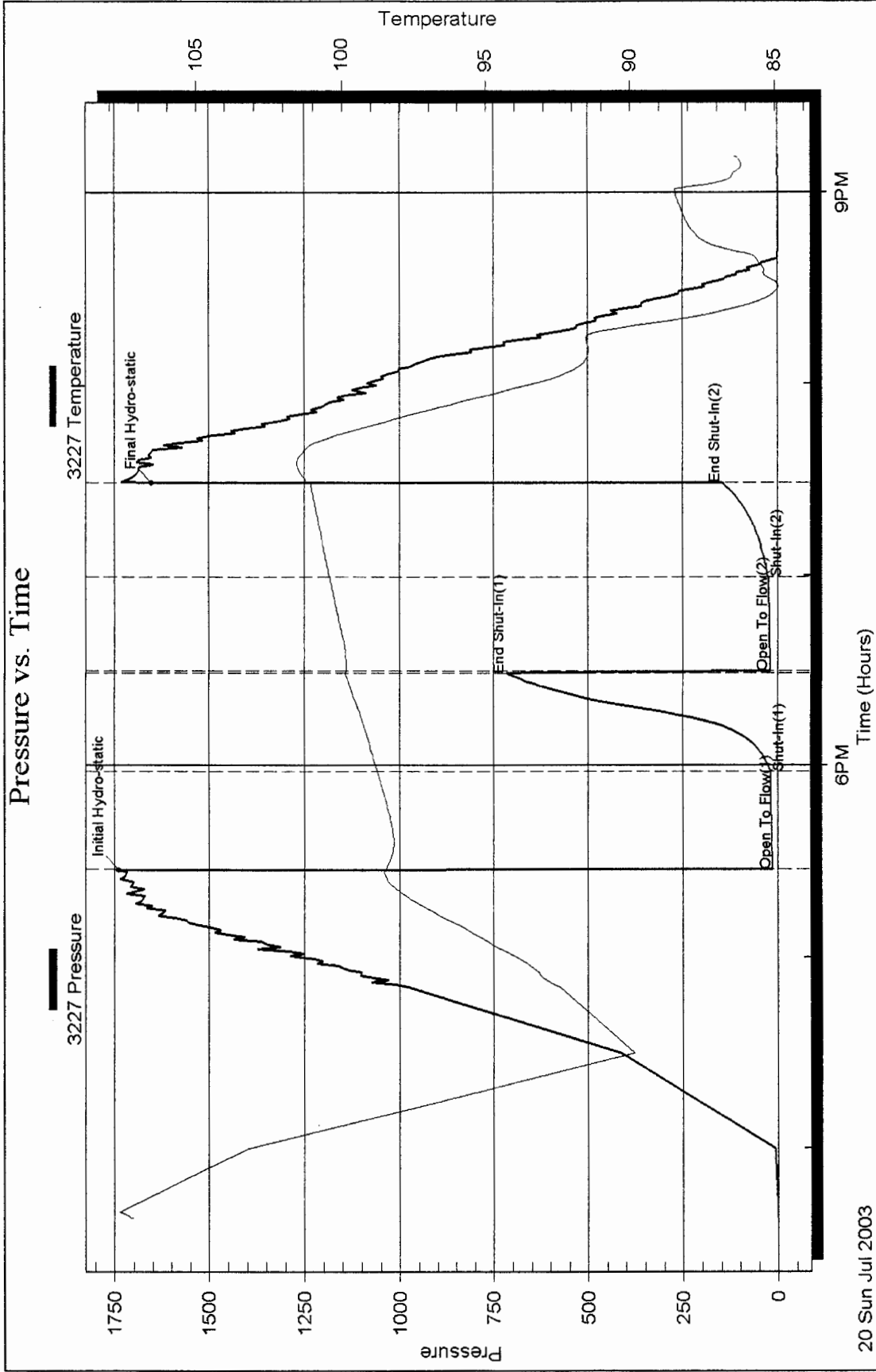
Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 5

### Pressure vs. Time

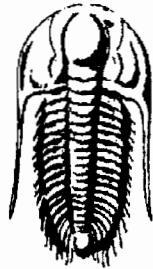


20 Sun Jul 2003

6PM

9PM

Time (Hours)



**TRILOBITE  
TESTING, INC.**

**RECEIVED  
SEP 15 2003  
KCC WICHITA**

**DRILL STEM TEST REPORT**

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.21 @ 02:30:23

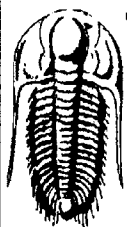
End Date: 2003.07.21 @ 08:18:38

Job Ticket #: 17355                      DST #: 6

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

Coral Production Corp.  
E.Porter # 1  
19--13s--16w  
DST # 6  
Arbuckle  
2003.07.21





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production Corp.

**E.Porter # 1**

1600 Strout St Ste 1500  
Denver CO 80202

**19-13s-16w**

ATTN: Jim Weber

Job Ticket: 17355

**DST#: 6**

Test Start: 2003.07.21 @ 02:30:23

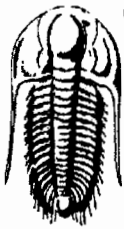
### Tool Information

Drill Pipe:	Length: 3432.00 ft	Diameter: 3.80 inches	Volume: 48.14 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: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 48.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3524.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.02 ft			
Tool Length:	31.02 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			3505.00	
S.I. Tool	5.00			3510.00	
HMV	5.00			3515.00	
Packer	4.00			3519.00	20.00 Bottom Of Top Packer
Packer	5.00			3524.00	
Stubb	1.00			3525.00	
Recorder	0.01	3227	Inside	3525.01	
Perforations	7.00			3532.01	
Recorder	0.01	13308	Outside	3532.02	
Bullnose	3.00			3535.02	11.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>31.02</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Production Corp.

**E.Porter # 1**

1600 Strout St Ste 1500  
Denver CO 80202

**19-13s-16w**

Job Ticket: 17355

**DST#: 6**

ATTN: Jim Weber

Test Start: 2003.07.21 @ 02:30:23

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 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
3.00	Drilling Mud	0.015
2.00	Free Oil	0.010

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3227

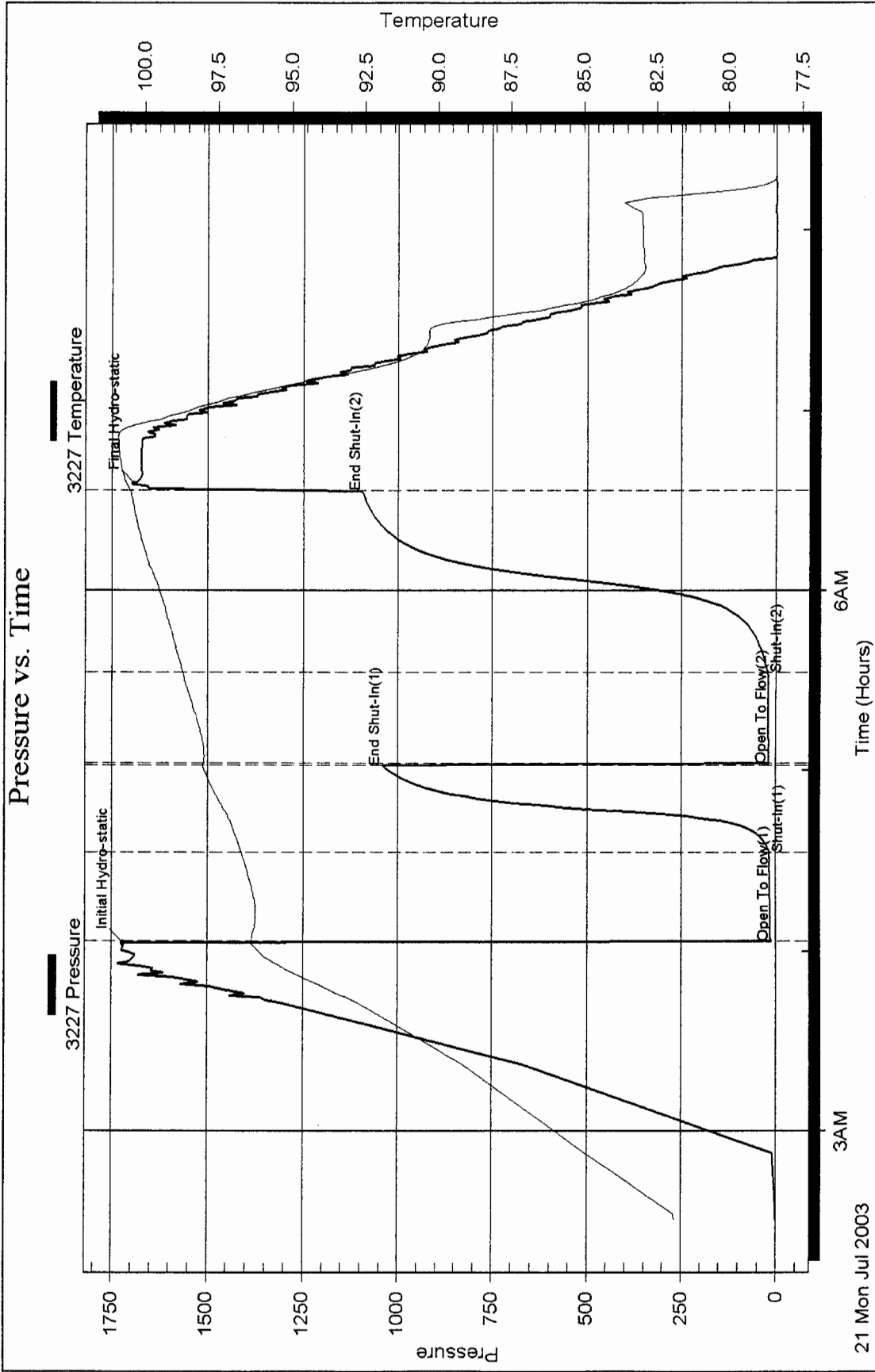
Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 6

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Coral Production Corp.**

1600 Strout St Ste 1500  
Denver CO 80202

ATTN: Jim Weber

**19--13s--16w**

**E.Porter # 1**

Start Date: 2003.07.21 @ 15:14:56

End Date: 2003.07.21 @ 22:35:56

Job Ticket #: 17356                      DST #: 7

**RECEIVED  
SEP 15 2003  
KCC WICHITA**

Coral Production Corp.

E.Porter # 1

19--13s--16w


DST # 7

Arbuckle

2003.07.21

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

101079



## DRILL STEM TEST REPORT

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Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17356      **DST#: 7**  
Test Start: 2003.07.21 @ 15:14:56

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:03:56  
 Time Test Ended: 22:35:56

Test Type: Conventional Bottom Hole  
 Tester: John Schmidt  
 Unit No: 18

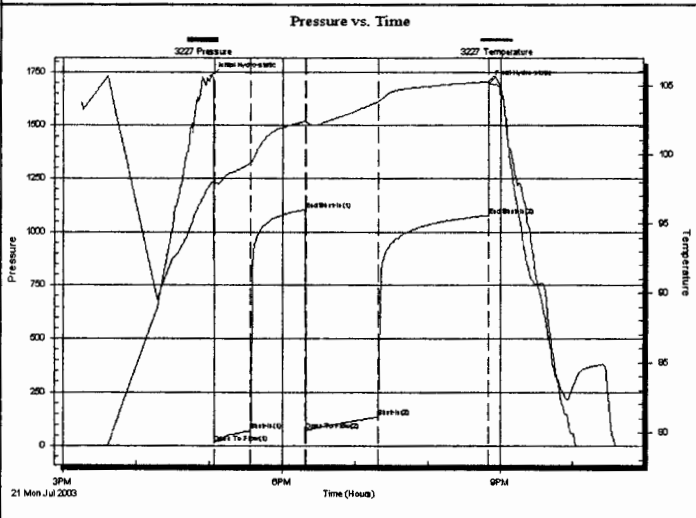
Interval: **3535.00 ft (KB) To 3550.00 ft (KB) (TVD)**  
 Total Depth: 3550.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1989.00 ft (KB)  
 1984.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 3227 Inside**

Press@RunDepth: 136.97 psig @ 3536.01 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2003.07.21      End Date: 2003.07.21      Last Calib.: 2003.07.21  
 Start Time: 15:14:57      End Time: 22:35:56      Time On Btm: 2003.07.21 @ 17:01:11  
 Time Off Btm: 2003.07.21 @ 20:49:56

**TEST COMMENT:** IF-Weak built to 4.5" in      ISI-Dead  
 FF-Weak built to 5" in      FSI-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1730.21	97.91	Initial Hydro-static
3	16.06	98.01	Open To Flow (1)
33	72.64	99.39	Shut-In(1)
78	1102.52	102.41	End Shut-In(1)
79	74.32	102.36	Open To Flow (2)
138	136.97	103.84	Shut-In(2)
229	1077.06	105.25	End Shut-In(2)
229	1696.11	105.30	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
280.00	Salt Water	3.13

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Production Corp.  
1600 Strout St Ste 1500  
Denver CO 80202  
ATTN: Jim Weber

**E.Porter # 1**  
**19-13s-16w**  
Job Ticket: 17356      **DST#: 7**  
Test Start: 2003.07.21 @ 15:14:56

**Tool Information**


Drill Pipe:	Length: 3456.00 ft	Diameter: 3.80 inches	Volume: 48.48 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: 25000.00 lb
Drill Collar:	Length: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 65000.00 lb
			<b>Total Volume: 48.91 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3535.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	35.02 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			3516.00	
S.I. Tool	5.00			3521.00	
HMV	5.00			3526.00	
Packer	4.00			3530.00	20.00      Bottom Of Top Packer
Packer	5.00			3535.00	
Stubb	1.00			3536.00	
Recorder	0.01	3227	Inside	3536.01	
Perforations	11.00			3547.01	
Recorder	0.01	13308	Outside	3547.02	
Bullnose	3.00			3550.02	15.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>35.02</b>				

101079

 <b>TRILOBITE TESTING, INC.</b>	<b>DRILL STEM TEST REPORT</b>		<b>FLUID SUMMARY</b>
	Coral Production Corp. 1600 Strout St Ste 1500 Denver CO 80202 ATTN: Jim Weber	<b>E.Porter # 1</b> <b>19-13s-16w</b> Job Ticket: 17356 Test Start: 2003.07.21 @ 15:14:56	<b>DST#: 7</b>

**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:	19000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 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
280.00	Salt Water	3.126

Total Length: 280.00 ft      Total Volume: 3.126 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 3227

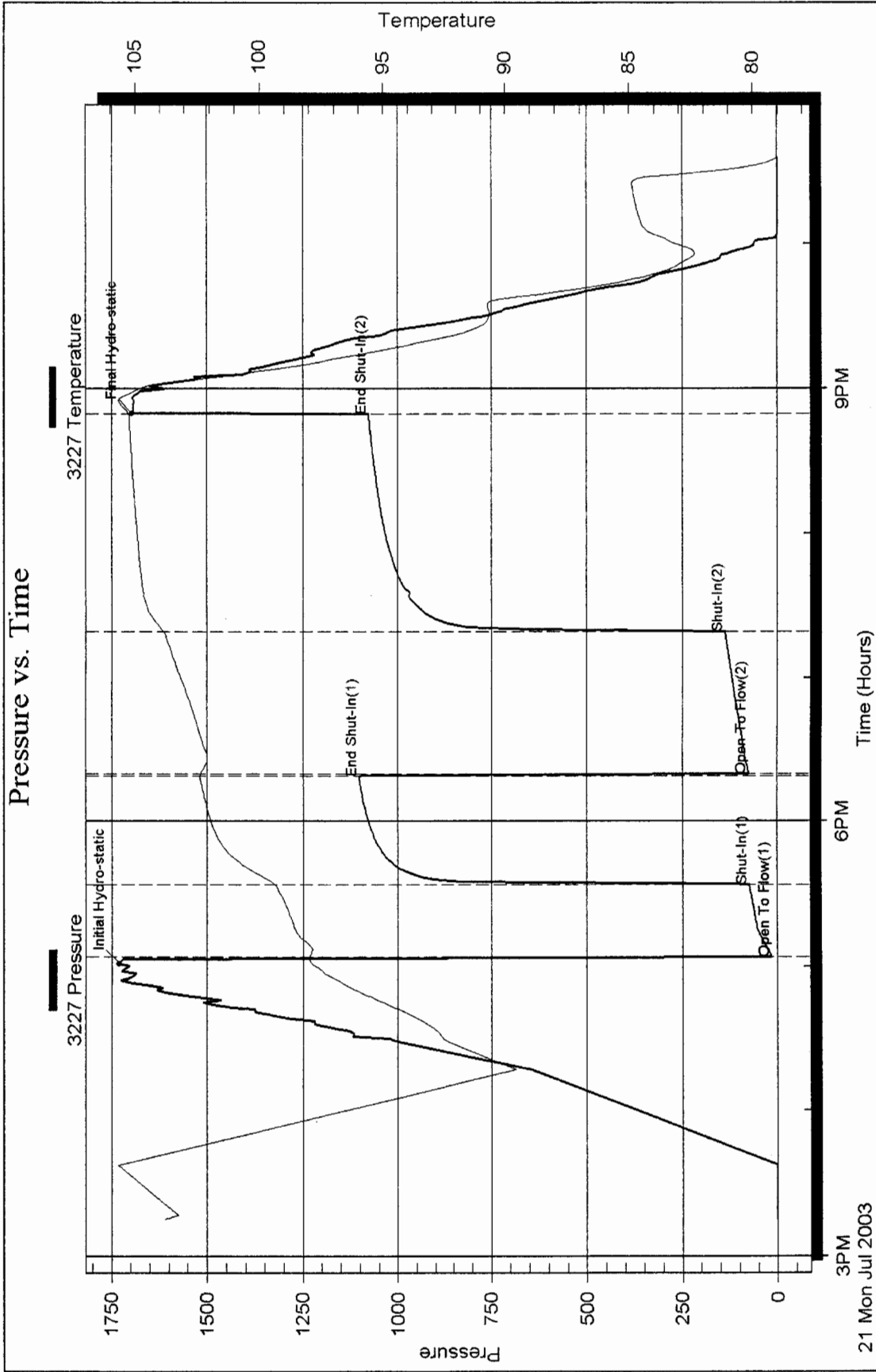
Inside

Coral Production Corp.

19--13s--16w

DST Test Number: 7

### Pressure vs. Time



3PM  
21 Mon Jul 2003

6PM

9PM