



DRILL STEM TEST REPORT

Prepared For: **Coral Coast**

200 E First #001
Wichita, Ks 67202

ATTN: Coral Coast

3-27-41 Stanton, Ks

Dana Marie #1-3

Start Date: 2003.12.15 @ 21:29:50

End Date: 2003.12.16 @ 04:57:18

Job Ticket #: 17757 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

Dana Marie #1-3

200 E First #001
Wichita, Ks 67202

3-27-41 Stanton, Ks

ATTN: Coral Coast

Job Ticket: 17757

DST#: 1

Test Start: 2003.12.15 @ 21:29:50

GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:51:33

Time Test Ended: 04:57:18

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **5222.00 ft (KB) To 5290.00 ft (KB) (TVD)**

Reference Elevations: 3335.00 ft (KB)

Total Depth: 5290.00 ft (KB) (TVD)

3324.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6753

Inside

Press@RunDepth: 44.78 psig @ 5223.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.12.15

End Date: 2003.12.16

Last Calib.: 1899.12.30

Start Time: 21:29:50

End Time: 04:57:18

Time On Btm: 2003.12.15 @ 23:51:18

Time Off Btm: 2003.12.16 @ 02:45:48

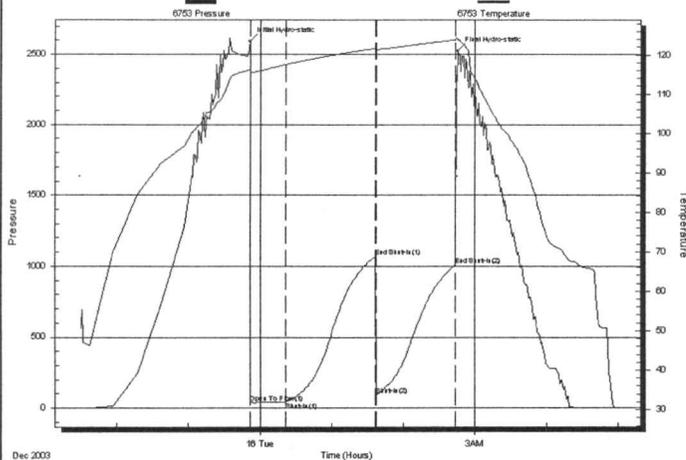
TEST COMMENT: 1/4" in. @ open built to 2 1/4" in.

No return

Bubble to open tool, No blow

No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2592.37	116.12	Initial Hydro-static
1	37.36	115.52	Open To Flow (1)
31	44.78	117.49	Shut-In(1)
106	1066.07	121.60	End Shut-In(1)
106	86.76	121.40	Shut-In(2)
173	1007.48	123.80	End Shut-In(2)
175	2524.82	123.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Coast
200 E First #001
Wichita, Ks 67202
ATTN: Coral Coast

Dana Marie #1-3
3-27-41 Stanton, Ks
Job Ticket: 17757 **DST#: 1**
Test Start: 2003.12.15 @ 21:29:50

Tool Information

Drill Pipe:	Length: 4657.00 ft	Diameter: 3.80 inches	Volume: 65.33 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 570.00 ft	Diameter: 2.25 inches	Volume: 2.80 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 68.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	5222.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	95.00 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			5196.00	
Shut In Tool	5.00			5201.00	
Hydraulic tool	5.00			5206.00	
Jars	5.00			5211.00	
Safety Joint	2.00			5213.00	
Packer	5.00			5218.00	27.00 Bottom Of Top Packer
Packer	4.00			5222.00	
Stubb	1.00			5223.00	
Recorder	0.00	6753	Inside	5223.00	
Perforations	29.00			5252.00	
Change Over Sub	1.00			5253.00	
drillpipe	31.00			5284.00	
Change Over Sub	1.00			5285.00	
Recorder	0.00	11058	Outside	5285.00	
Bullnose	5.00			5290.00	68.00 Bottom Packers & Anchor

Total Tool Length: 95.00



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FLUID SUMMARY

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Dana Marie #1-3

200 E First #001
Wichita, Ks 67202

3-27-41 Stanton, Ks

Job Ticket: 17757

DST#: 1

ATTN: Coral Coast

Test Start: 2003.12.15 @ 21:29:50

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100%m	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

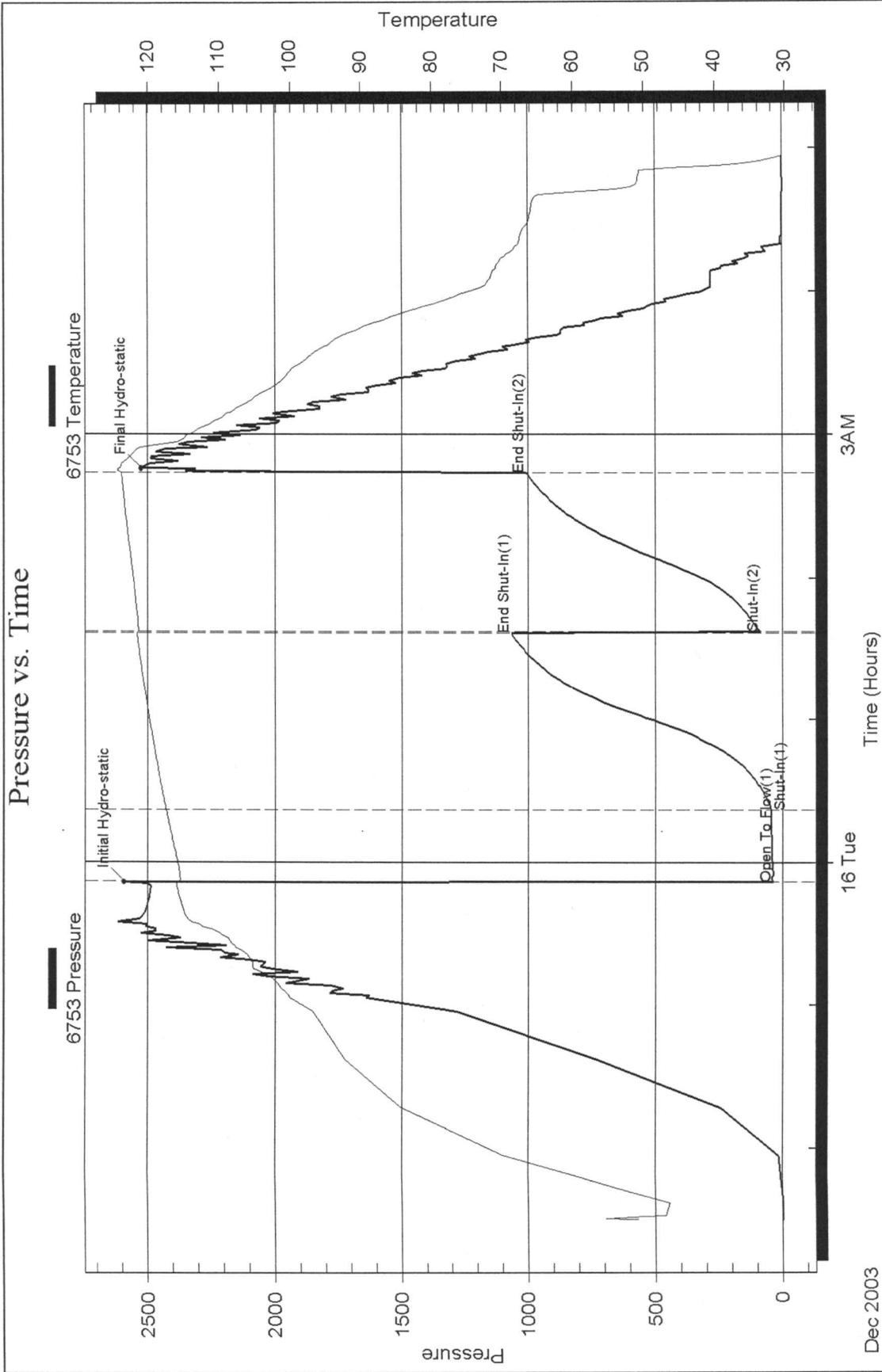
Serial #: 6753

Inside

Coral Coast

3-27-41 Stanton, Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Coral Coast**

200 E First #001
Wichita, Ks 67202

ATTN: Coral Coast

3-27-41 Stanton, Ks

Dana Marie #1-3

Start Date: 2003.12.16 @ 17:13:33

End Date: 2003.12.16 @ 23:40:46

Job Ticket #: 17758 DST #: 2

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DRILL STEM TEST REPORT

Coral Coast

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200 E First #001
Wichita, Ks 67202

3-27-41 Stanton, Ks

ATTN: Coral Coast

Job Ticket: 17758

DST#: 2

Test Start: 2003.12.16 @ 17:13:33

GENERAL INFORMATION:

Formation: **St Louis A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:24:31

Time Test Ended: 23:40:46

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **5315.00 ft (KB) To 5345.00 ft (KB) (TVD)**

Reference Elevations: 3335.00 ft (KB)

Total Depth: 5345.00 ft (KB) (TVD)

3324.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6753 Inside

Press@RunDepth: 18.20 psig @ 5316.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.12.16

End Date: 2003.12.16

Last Calib.: 1899.12.30

Start Time: 17:13:33

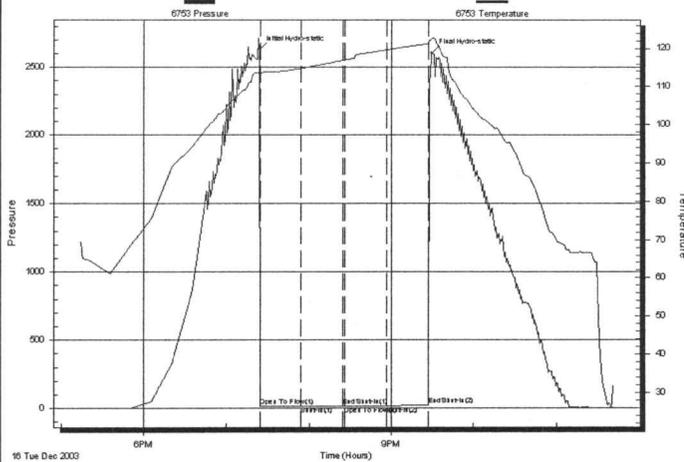
End Time: 23:40:46

Time On Btm: 2003.12.16 @ 19:24:16

Time Off Btm: 2003.12.16 @ 21:29:31

TEST COMMENT: Weak 1/4" in. blow
No return
No blow, flush tool after 5 min. good surge, no blow
No return

Pressure vs. Time



PRESSURE SUMMARY

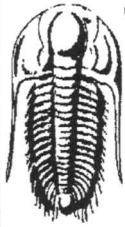
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2629.36	113.34	Initial Hydro-static
1	15.91	112.48	Open To Flow (1)
30	17.23	114.78	Shut-In(1)
61	19.07	116.91	End Shut-In(1)
61	16.73	116.95	Open To Flow (2)
92	18.20	119.61	Shut-In(2)
123	22.98	121.22	End Shut-In(2)
126	2606.17	122.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

Gas Rates

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



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TOOL DIAGRAM

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200 E First #001
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3-27-41 Stanton, Ks
Job Ticket: 17758 **DST#: 2**
Test Start: 2003.12.16 @ 17:13:33

Tool Information

Drill Pipe:	Length: 4724.00 ft	Diameter: 3.80 inches	Volume: 66.27 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 570.00 ft	Diameter: 2.25 inches	Volume: 2.80 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 69.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	5315.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 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			5289.00	
Shut In Tool	5.00			5294.00	
Hydraulic tool	5.00			5299.00	
Jars	5.00			5304.00	
Safety Joint	2.00			5306.00	
Packer	5.00			5311.00	27.00 Bottom Of Top Packer
Packer	4.00			5315.00	
Stubb	1.00			5316.00	
Recorder	0.00	6753	Inside	5316.00	
Perforations	24.00			5340.00	
Recorder	0.00	11058	Outside	5340.00	
Bullnose	5.00			5345.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



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Job Ticket: 17758

DST#: 2

ATTN: Coral Coast

Test Start: 2003.12.16 @ 17:13:33

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:	1100 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% _m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

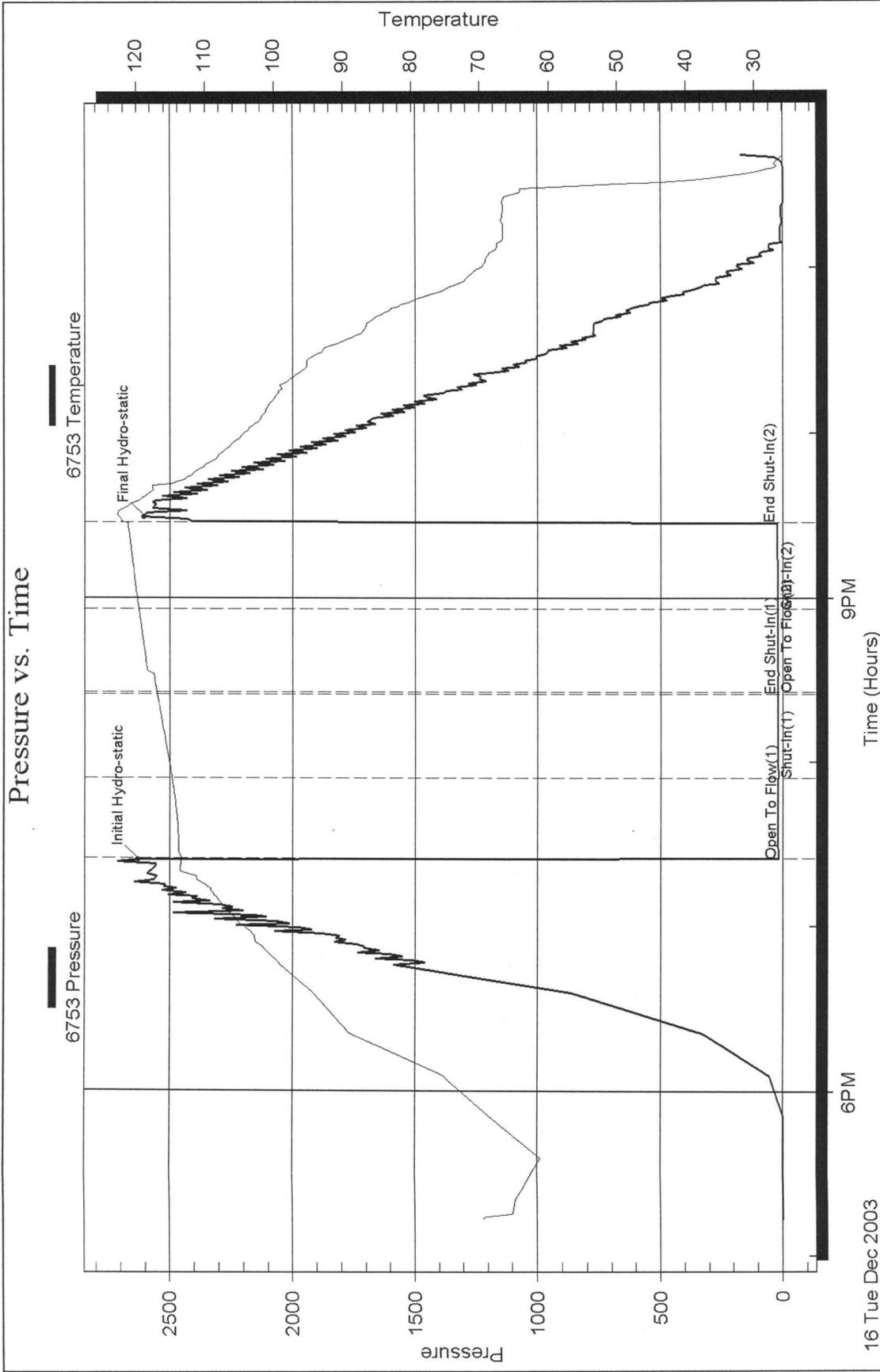
Inside

Coral Coast

3-27-41 Stanton, Ks

DST Test Number: 2

Pressure vs. Time



16 Tue Dec 2003

6PM

9PM

Time (Hours)