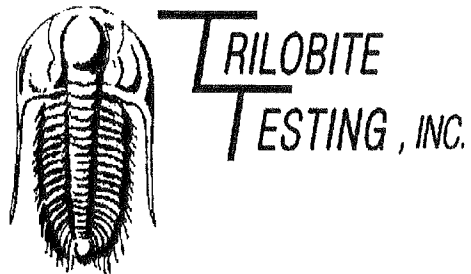


15-051-25765

36-13s-17w



DRILL STEM TEST REPORT

Prepared For: **Coral Production**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

36 13S 17W Ellis KS

Hertel-Vonfeldt # 1

Start Date: 2008.05.05 @ 16:26:29

End Date: 2008.05.05 @ 22:48:29

Job Ticket #: 31985 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

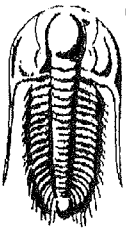
JUL 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Coral Production

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

Hertel-Vonfeldt # 1

36 13S 17W Ellis KS

Job Ticket: 31985

DST#: 1

Test Start: 2008.05.05 @ 16:26:29

GENERAL INFORMATION:

Formation: **Tor-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:44:59

Time Test Ended: 22:48:29

Test Type: Conventional Bottom Hole

Tester: Kyle Kinderknecht

Unit No: 41

Interval: **3210.00 ft (KB) To 3295.00 ft (KB) (TVD)**

Total Depth: 3295.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1953.00 ft (KB)

1945.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 47.09 psig @ 3218.00 ft (KB)

Start Date: 2008.05.05

End Date:

2008.05.05

Start Time: 16:26:34

End Time:

22:48:28

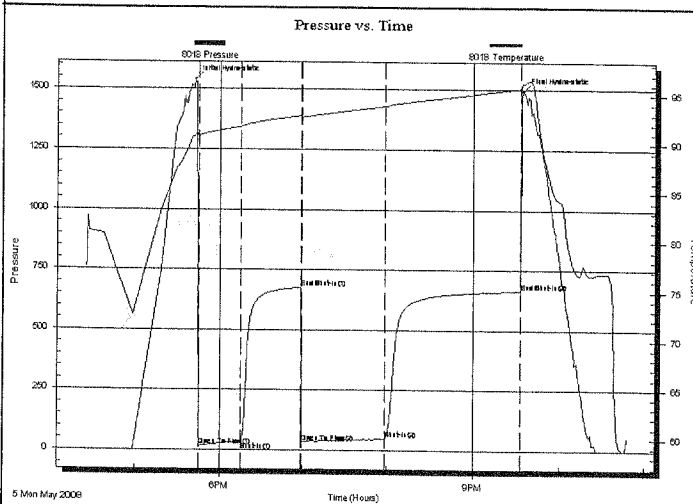
Capacity: 7000.00 psig

Last Calib.: 2008.05.05

Time On Btm: 2008.05.05 @ 17:42:29

Time Off Btm: 2008.05.05 @ 21:33:59

TEST COMMENT: IF Slow building to 2 1/2 "
ISI Weak surface died 40 min
FF Slow building to 1 1/4 "
FSI Weak surface died 30 min



PRESSURE SUMMARY

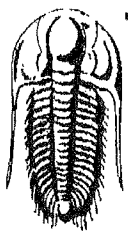
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1538.20	90.78	Initial Hydro-static
3	16.17	90.79	Open To Flow (1)
33	32.91	91.73	Shut-In(1)
76	676.72	92.86	End Shut-In(1)
77	34.36	92.70	Open To Flow (2)
137	47.09	93.83	Shut-In(2)
230	662.93	95.67	End Shut-In(2)
232	1493.02	96.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	GsyO spec Mud 5%G 95%M	0.79
0.00	60' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 31985

DST#: 1

ATTN: Tim Lauer

Test Start: 2008.05.05 @ 16:26:29

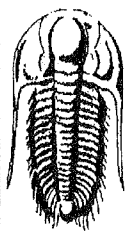
Tool Information

Drill Pipe:	Length: 3170.00 ft	Diameter: 3.82 inches	Volume: 44.94 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	45.09 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3210.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	85.00 ft				
Tool Length:	105.00 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			3195.00	
Hydraulic tool	5.00			3200.00	
Packer	5.00			3205.00	20.00 Bottom Of Top Packer
Packer	5.00			3210.00	
Stubb	1.00			3211.00	
Perforations	6.00			3217.00	
Change Over Sub	1.00			3218.00	
Recorder	0.00	8018	Inside	3218.00	
Recorder	0.00	6755	Outside	3218.00	
Blank Spacing	63.00			3281.00	
Change Over Sub	1.00			3282.00	
Perforations	10.00			3292.00	
Bullnose	3.00			3295.00	85.00 Bottom Packers & Anchor

Total Tool Length: 105.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

ATTN: Tim Lauer

Job Ticket: 31985

DST#: 1

Test Start: 2008.05.05 @ 16:26:29

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	GsyO spec Mud 5%G 95%M	0.785
0.00	60' GIP	0.000

Total Length: 75.00 ft

Total Volume: 0.785 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

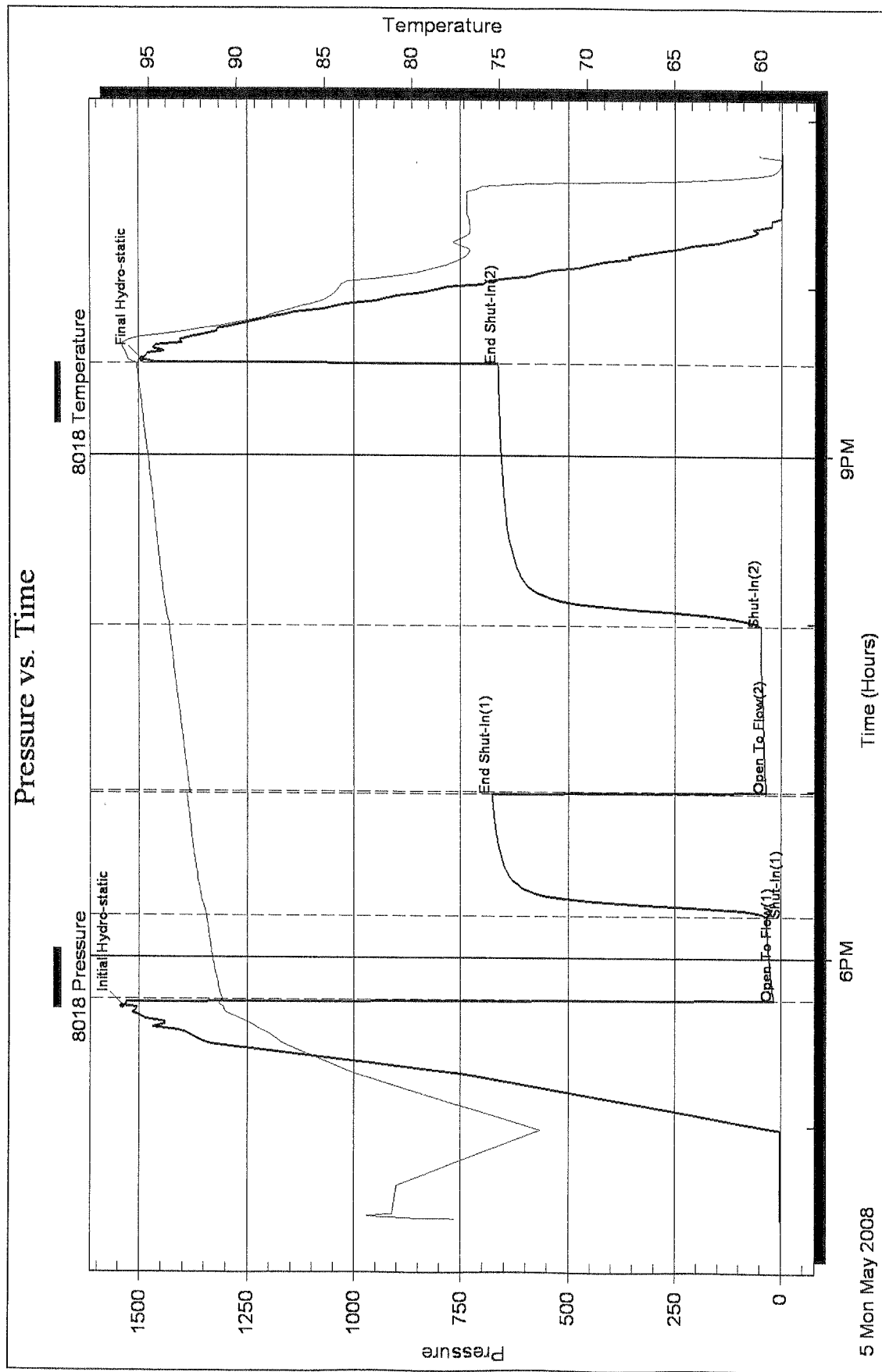
Inside

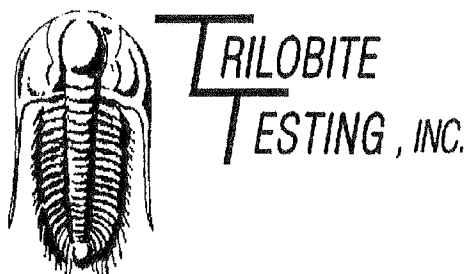
Coral Production

36 13S 17W Ellis KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Coral Production**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

36 13S 17W Ellis KS

Hertel-Vonfeldt # 1

Start Date: 2008.05.06 @ 06:13:50

End Date: 2008.05.06 @ 12:58:44

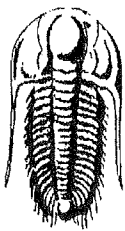
Job Ticket #: 30949 DST #: 2

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

Hertel-Vonfeldt # 1

36 13S 17W Ellis KS

Job Ticket: 30949

DST#: 2

Test Start: 2008.05.06 @ 06:13:50

GENERAL INFORMATION:

Formation: **LKC "E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:01:15

Time Test Ended: 12:58:44

Test Type: Conventional Bottom Hole

Tester: Kyle K. / Brian F.

Unit No: 41

Interval: **3295.00 ft (KB) To 3325.00 ft (KB) (TVD)**

Total Depth: 3325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1953.00 ft (KB)

1945.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 31.51 psig @ 3302.00 ft (KB)

Start Date: 2008.05.06

End Date:

2008.05.06

Start Time: 06:13:50

End Time:

12:58:44

Capacity: 7000.00 psig

Last Calib.: 2008.05.06

Time On Btm: 2008.05.06 @ 07:59:15

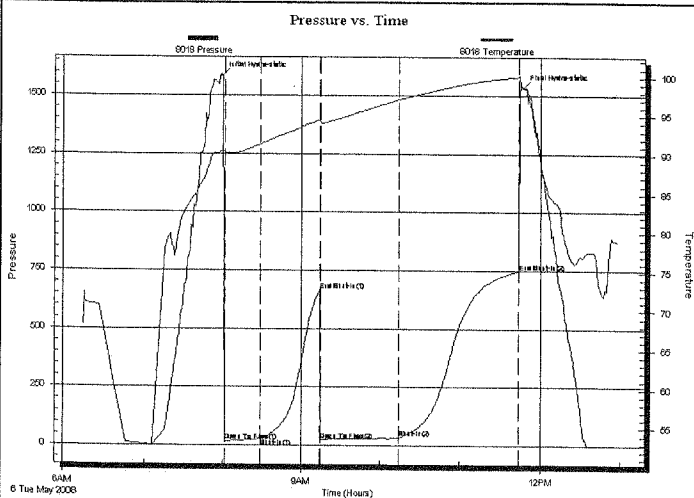
Time Off Btm: 2008.05.06 @ 11:46:44

TEST COMMENT: IFP Weak blow throughout 1/4 " - 1 1/4 "

ISI No blow back

FFP Weak to fair blow 1 " - 4 1/2 "

FSI No blow back



PRESSURE SUMMARY

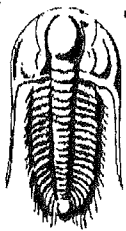
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.12	90.56	Initial Hydro-static
2	15.97	90.33	Open To Flow (1)
30	27.74	91.37	Shut-In (1)
75	665.10	94.51	End Shut-In (1)
76	21.95	94.14	Open To Flow (2)
135	31.51	97.08	Shut-In (2)
225	747.13	100.05	End Shut-In (2)
228	1533.90	98.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOCM 5%G 15%O 10%W 70%M	0.29
0.00	50' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 30949

DST#: 2

ATTN: Tim Lauer

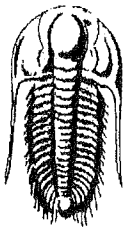
Test Start: 2008.05.06 @ 06:13:50

Tool Information

Drill Pipe:	Length: 3265.00 ft	Diameter: 3.82 inches	Volume: 46.28 bbl	Tool Weight:	2000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	46.43 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3295.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 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			3280.00	
Hydraulic tool	5.00			3285.00	
Packer	5.00			3290.00	20.00 Bottom Of Top Packer
Packer	5.00			3295.00	
Stubb	1.00			3296.00	
Perforations	6.00			3302.00	
Recorder	0.00	8018	Inside	3302.00	
Recorder	0.00	6755	Outside	3302.00	
Perforations	20.00			3322.00	
Bullnose	3.00			3325.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 30949

DST#: 2

ATTN: Tim Lauer

Test Start: 2008.05.06 @ 06:13:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.91 in³

Resistivity: ohm.m

Salinity: 7500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

19000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GOCM 5%G 15%O 10%VW 70%M	0.289
0.00	50' GIP	0.000

Total Length: 40.00 ft

Total Volume: 0.289 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

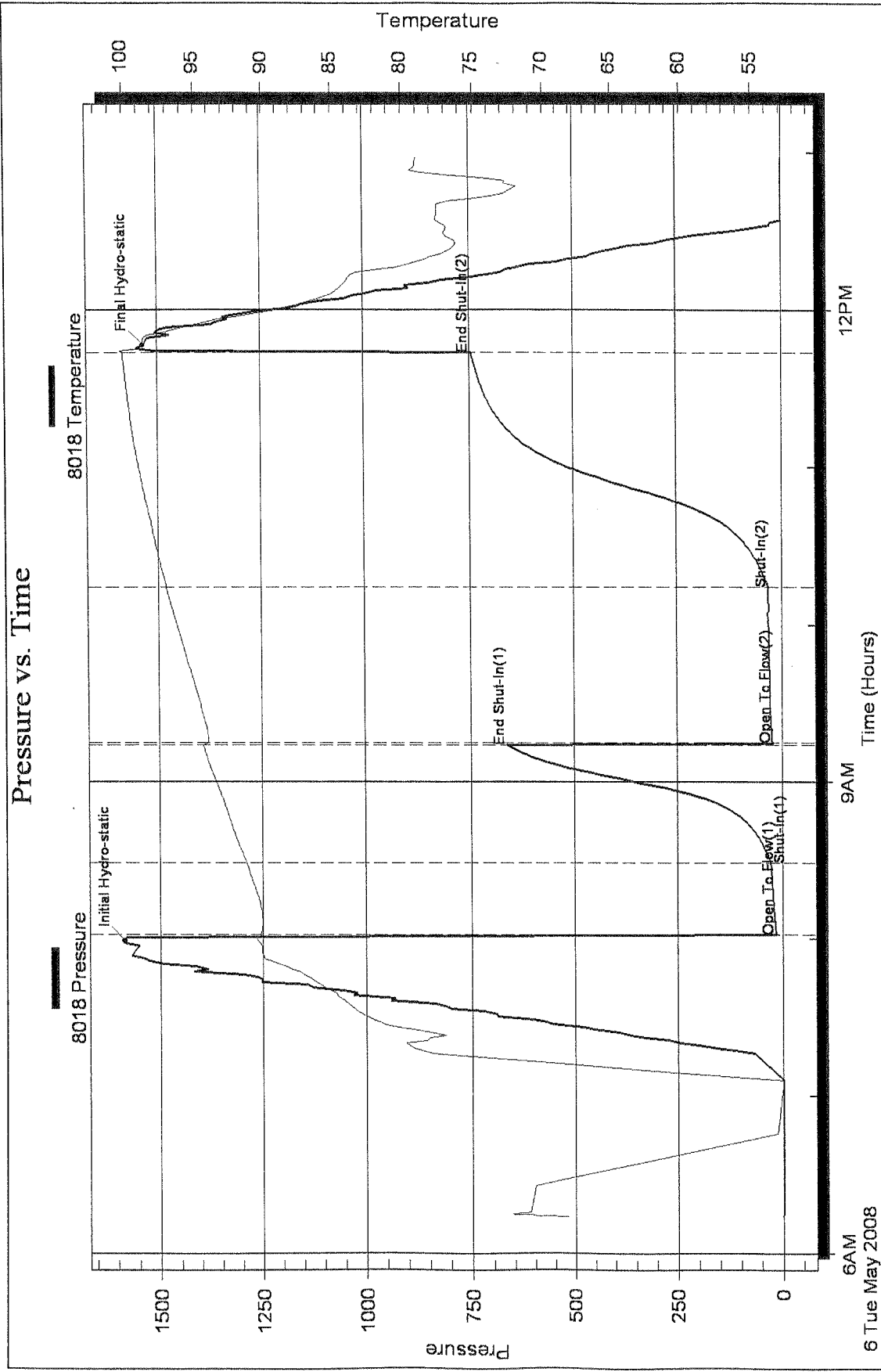
Inside

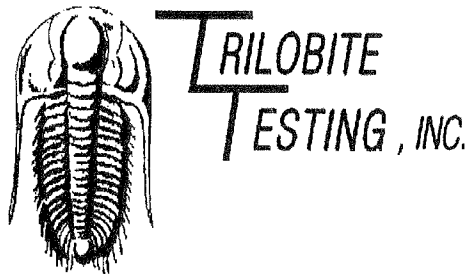
Coral Production

36 13S17W Ellis KS

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Coral Production**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

36 13S 17W Ellis KS

Hertel-Vonfeldt # 1

Start Date: 2008.05.07 @ 03:54:55

End Date: 2008.05.07 @ 09:09:49

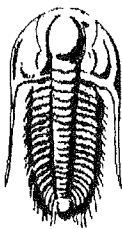
Job Ticket #: 30950 DST #: 3

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

Hertel-Vonfeldt # 1

36 13S 17W Ellis KS

Job Ticket: 30950

DST#: 3

Test Start: 2008.05.07 @ 03:54:55

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:26:50

Time Test Ended: 09:09:49

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3375.00 ft (KB) To 3465.00 ft (KB) (TVD)**

Total Depth: 3465.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1953.00 ft (KB)

1945.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 20.21 psig @ 3379.00 ft (KB)

Start Date: 2008.05.07

End Date:

2008.05.07

Capacity: 7000.00 psig

Last Calib.: 2008.05.07

Start Time: 03:54:55

End Time:

09:09:49

Time On Btm: 2008.05.07 @ 05:25:20

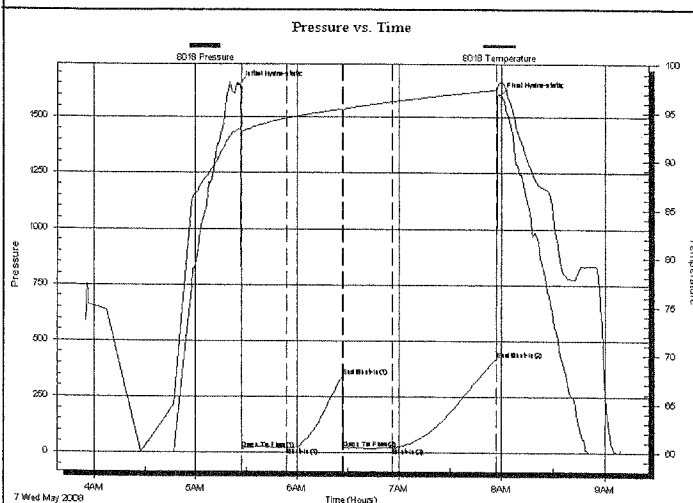
Time Off Btm: 2008.05.07 @ 07:58:50

TEST COMMENT: IFP 3/4 " blow - died 16 min.

ISI No blow back

FFP No blow

FSI No blow back



PRESSURE SUMMARY

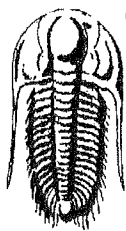
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.38	93.27	Initial Hydro-static
2	14.95	93.03	Open To Flow (1)
29	23.99	94.45	Shut-In(1)
61	339.63	95.41	End Shut-In(1)
62	19.63	95.30	Open To Flow (2)
91	20.21	96.14	Shut-In(2)
152	419.21	97.40	End Shut-In(2)
154	1596.78	98.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%M	0.10

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 30950

DST#: 3

ATTN: Tim Lauer

Test Start: 2008.05.07 @ 03:54:55

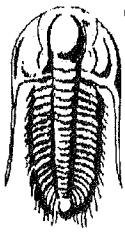
Tool Information

Drill Pipe:	Length: 3329.00 ft	Diameter: 3.82 inches	Volume: 47.19 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	lb
		Total Volume:	47.34 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3375.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	110.00 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			3360.00	
Hydraulic tool	5.00			3365.00	
Packer	5.00			3370.00	20.00 Bottom Of Top Packer
Packer	5.00			3375.00	
Stubb	1.00			3376.00	
Perforations	2.00			3378.00	
Change Over Sub	1.00			3379.00	
Recorder	0.00	8018	Inside	3379.00	
Recorder	0.00	6755	Outside	3379.00	
Blank Spacing	62.00			3441.00	
Change Over Sub	1.00			3442.00	
Perforations	20.00			3462.00	
Bullnose	3.00			3465.00	90.00 Bottom Packers & Anchor

Total Tool Length: 110.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

ATTN: Tim Lauer

Job Ticket: 30950

DST#: 3

Test Start: 2008.05.07 @ 03:54:55

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	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 #: 8018

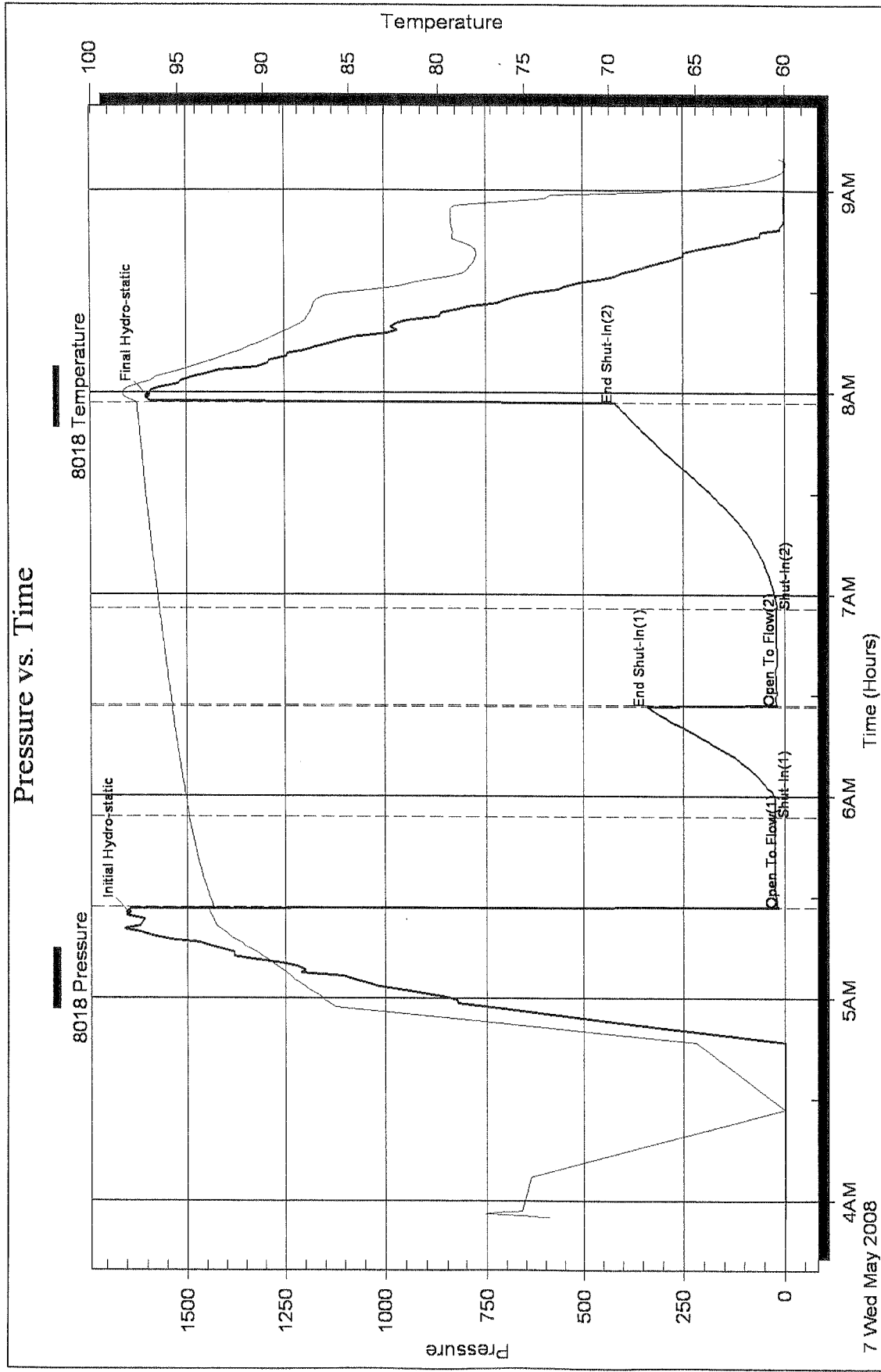
Inside

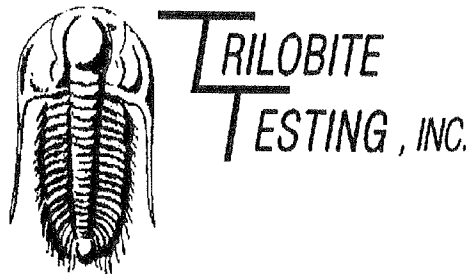
Coral Production

36 13S 17W Ellis KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Coral Production**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

36 13S 17W Ellis KS

Hertel-Vonfeldt # 1

Start Date: 2008.05.07 @ 17:39:45

End Date: 2008.05.08 @ 00:18:39

Job Ticket #: 31951 DST #: 4

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Coral Production

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

Hertel-Vonfeldt # 1

36 13S 17W Ellis KS

Job Ticket: 31951

DST#: 4

Test Start: 2008.05.07 @ 17:39:45

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:00:40

Time Test Ended: 00:18:39

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3500.00 ft (KB) To 3507.00 ft (KB) (TVD)**

Total Depth: 3507.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1953.00 ft (KB)

1945.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 41.85 psig @ 3501.00 ft (KB)

Start Date: 2008.05.07

End Date:

2008.05.08

Start Time: 17:39:45

End Time:

00:18:39

Capacity: 7000.00 psig

Last Calib.: 2008.05.08

Time On Btm: 2008.05.07 @ 18:59:10

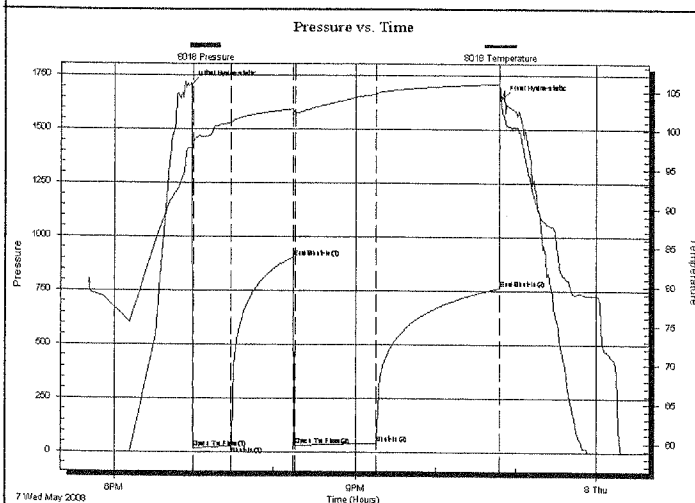
Time Off Btm: 2008.05.07 @ 22:50:09

TEST COMMENT: IFP Weak to fair blow sur 5 "

ISI No blow back

FFP Weak to fair blow sur 4 1/2 "

FSI No blow back



PRESSURE SUMMARY

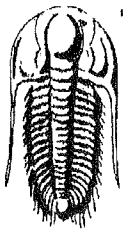
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.76	97.67	Initial Hydro-static
2	18.40	98.48	Open To Flow (1)
30	27.93	100.97	Shut-In(1)
75	905.23	102.73	End Shut-In(1)
77	30.88	102.35	Open To Flow (2)
136	41.85	104.63	Shut-In(2)
229	763.48	106.01	End Shut-In(2)
231	1645.58	102.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MCO 55%O 45%M	0.07
60.00	FREE OIL 95%O 5%M	0.71
0.00	60' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 31951

DST#: 4

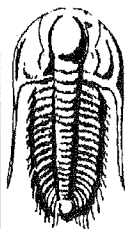
ATTN: Tim Lauer

Test Start: 2008.05.07 @ 17:39:45

Tool Information

Drill Pipe:	Length: 3483.00 ft	Diameter: 3.82 inches	Volume: 49.37 bbl	Tool Weight:	2000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	49.52 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3500.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	27.00 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			3485.00	
Hydraulic tool	5.00			3490.00	
Packer	5.00			3495.00	20.00 Bottom Of Top Packer
Packer	5.00			3500.00	
Stubb	1.00			3501.00	
Recorder	0.00	8018	Inside	3501.00	
Recorder	0.00	6755	Outside	3501.00	
Perforations	3.00			3504.00	
Bullnose	3.00			3507.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

ATTN: Tim Lauer

Job Ticket: 31951

DST#: 4

Test Start: 2008.05.07 @ 17:39:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MCO 55%O 45%M	0.074
60.00	FREE OIL 95%O 5%M	0.712
0.00	60' GIP	0.000

Total Length: 75.00 ft

Total Volume: 0.786 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

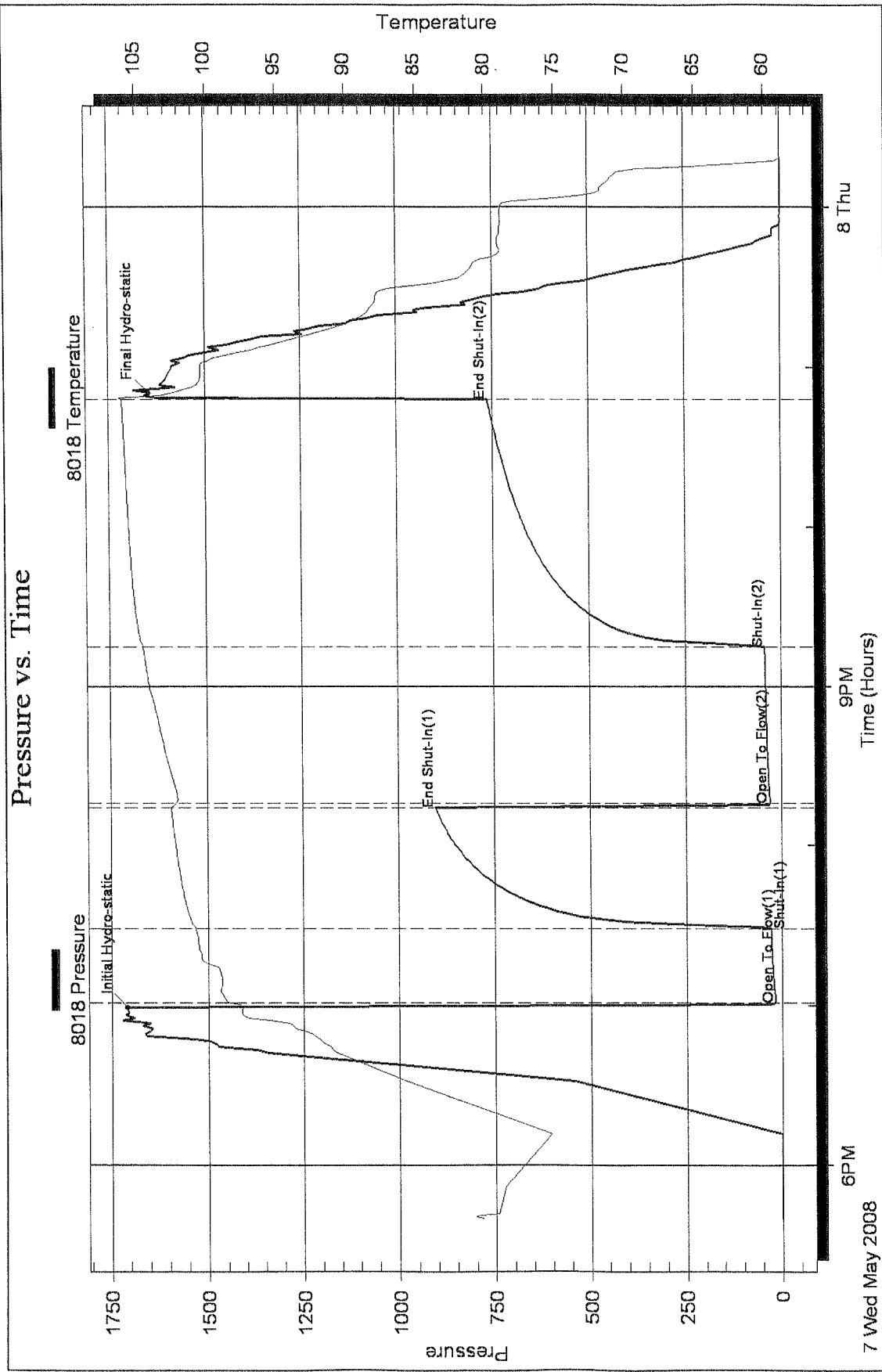
Serial #:

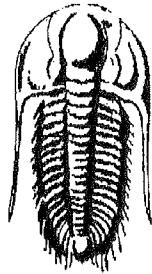
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production**

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

36 13S 17W Ellis KS

Hertel-Vonfeldt # 1

Start Date: 2008.05.08 @ 07:36:13

End Date: 2008.05.08 @ 14:29:07

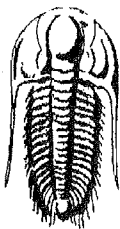
Job Ticket #: 31952 DST #: 5

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production

1600 Stout St Ste 1500
Denver CO 80202

ATTN: Tim Lauer

Hertel-Vonfeldt # 1

36 13S 17W Ellis KS

Job Ticket: 31952

DST#: 5

Test Start: 2008.05.08 @ 07:36:13

GENERAL INFORMATION:

Formation: **Arbuckle (2)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:08

Time Test Ended: 14:29:07

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3499.00 ft (KB) To 3522.00 ft (KB) (TVD)**

Total Depth: 3522.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1953.00 ft (KB)

1945.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 88.23 psig @ 3504.00 ft (KB)

Start Date: 2008.05.08

End Date: 2008.05.08

Start Time: 07:36:13

End Time: 14:29:07

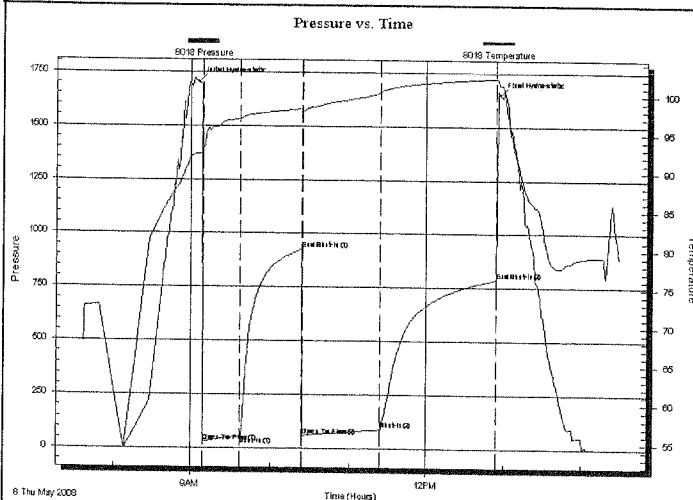
Capacity: 7000.00 psig

Last Calib.: 2008.05.08

Time On Btm: 2008.05.08 @ 09:06:08

Time Off Btm: 2008.05.08 @ 12:57:37

TEST COMMENT: IFP BOB 22 min.
ISI Weak intermittent sur blow back died 15 min.
FFP BOB 41 min.
FSI 1/8 " blow back died 27 min.



PRESSURE SUMMARY

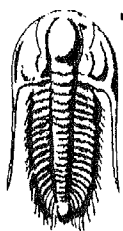
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.66	92.43	Initial Hydro-static
3	25.86	91.95	Open To Flow (1)
31	55.44	96.92	Shut-In(1)
78	926.12	98.21	End Shut-In(1)
78	59.07	97.98	Open To Flow(2)
138	88.23	100.44	Shut-In(2)
228	786.08	102.22	End Shut-In(2)
232	1645.93	101.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GWHOCM 5%G 42%O 3%W 50%M	0.64
30.00	MCO 65%O 35%M	0.43
30.00	MO 90%O 10%M	0.43
65.00	FREE OIL 95%O 5%M	0.92

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

Job Ticket: 31952

DST#: 5

ATTN: Tim Lauer

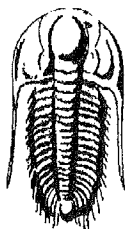
Test Start: 2008.05.08 @ 07:36:13

Tool Information

Drill Pipe:	Length: 3455.00 ft	Diameter: 3.82 inches	Volume: 48.98 bbl	Tool Weight:	2000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 49.13 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3499.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	43.00 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			3484.00	
Hydraulic tool	5.00			3489.00	
Packer	5.00			3494.00	20.00 Bottom Of Top Packer
Packer	5.00			3499.00	
Stubb	1.00			3500.00	
Perforations	4.00			3504.00	
Recorder	0.00	8018	Inside	3504.00	
Recorder	0.00	6755	Outside	3504.00	
Perforations	15.00			3519.00	
Bullnose	3.00			3522.00	23.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production

Hertel-Vonfeldt # 1

1600 Stout St Ste 1500
Denver CO 80202

36 13S 17W Ellis KS

ATTN: Tim Lauer

Job Ticket: 31952

DST#: 5

Test Start: 2008.05.08 @ 07:36:13

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.00 in³

Resistivity: ohm.m

Salinity: 7200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

30 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GWHOCM 5%G 42%O 3%W 50%M	0.644
30.00	MCO 65%O 35%M	0.425
30.00	MO 90%O 10%M	0.425
65.00	FREE OIL 95%O 5%M	0.921

Total Length: 190.00 ft

Total Volume: 2.415 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

