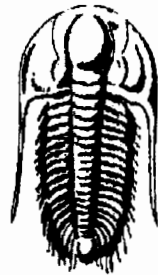


15-195-22449

12-11s-24w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky Oil Corporation**

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

12 11 24 Trego KS

Vreeland # 3

Start Date: 2007.06.08 @ 03:00:32

End Date: 2007.06.08 @ 09:20:02

Job Ticket #: 28256 P O # 12DST #: 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

Ohio Kentucky Oil Corporation

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

Vreeland # 3

12 11 24 Trego KS

Job Ticket: 28256 P O # **DST#: 1**

Test Start: 2007.06.08 @ 03:00:32

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:36:17

Time Test Ended: 09:20:02

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3611.00 ft (KB) To 3636.00 ft (KB) (TVD)**

Total Depth: **3636.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2281.00 ft (KB)**

2274.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **32.57 psig @ 3612.00 ft (KB)**

Start Date: **2007.06.08** End Date: **2007.06.08**

Start Time: **03:00:34** End Time: **09:20:02**

Capacity: **7000.00 psig**

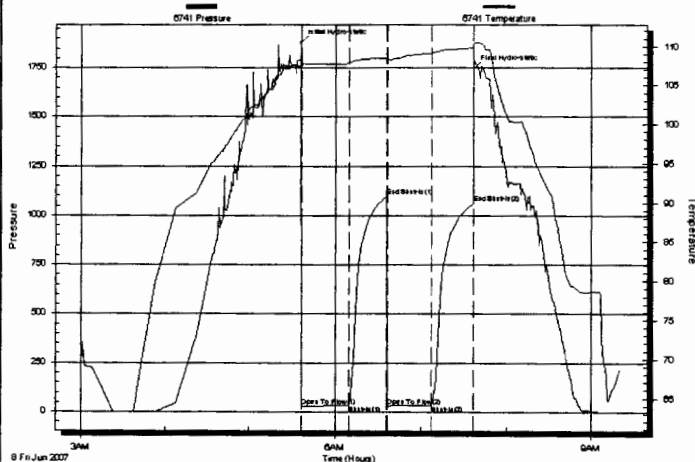
Last Calib.: **2007.06.08**

Time On Btm: **2007.06.08 @ 05:36:02**

Time Off Btm: **2007.06.08 @ 07:36:47**

TEST COMMENT: Slid tool 8' to bottom - 2" blow decreasing to no blow in 15 min
FF No blow - flushed tool

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1878.43	107.64	Initial Hydro-static
1	27.30	107.25	Open To Flow (1)
34	32.89	107.97	Shut-In (1)
60	1098.17	108.56	End Shut-In (1)
61	30.76	108.32	Open To Flow (2)
91	32.57	109.16	Shut-In (2)
121	1061.31	109.90	End Shut-In (2)
121	1746.25	110.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	DM	0.85

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28256 PO# **DST#: 1**

ATTN: Deanna McDowell

Test Start: 2007.06.08 @ 03:00:32

Tool Information

Drill Pipe:	Length: 3608.00 ft	Diameter: 5.00 inches	Volume: 87.62 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:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 87.62 bbl	Tool Chased	8.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	35000.00 lb
Depth to Top Packer:	3611.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					
Slid tool 8' to bottom					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3583.00	
Shut In Tool	5.00			3588.00	
Hydraulic tool	5.00			3593.00	
Jars	5.00			3598.00	
Safety Joint	3.00			3601.00	
Packer	5.00			3606.00	29.00 Bottom Of Top Packer
Packer	5.00			3611.00	
Stubb	1.00			3612.00	
Recorder	0.00	6741	Inside	3612.00	
Perforations	21.00			3633.00	
Recorder	0.00	13254	Outside	3633.00	
Bullnose	3.00			3636.00	25.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28256 P O # **DST#: 1**

ATTN: Deanna McDowell

Test Start: 2007.06.08 @ 03:00:32

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	DM	0.850

Total Length: 35.00 ft

Total Volume: 0.850 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

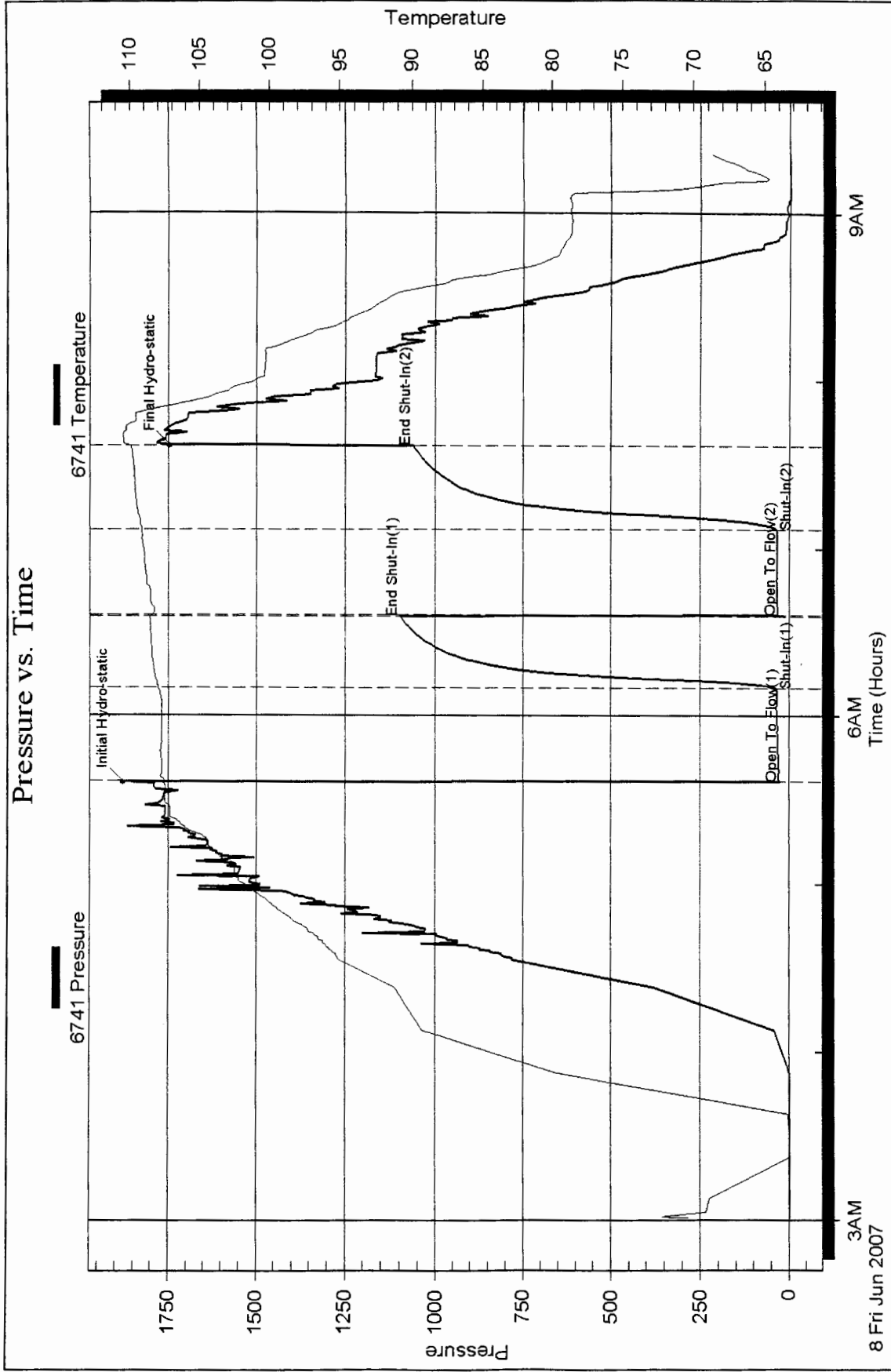
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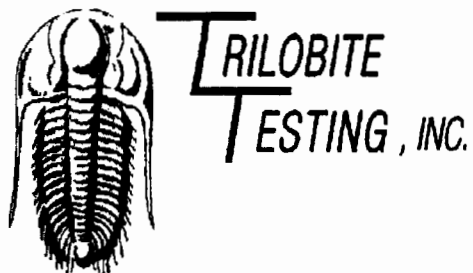
Inside

Ohio Kentucky Oil Corporation

12 11 24 Trego KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky Oil Corporation**

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

12 11 24 Trego KS

Vreeland # 3

Start Date: 2007.06.08 @ 23:18:21

End Date: 2007.06.09 @ 08:03:51

Job Ticket #: 28257 P O # 1DST #: 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

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28257 P O # **DST#: 2**

ATTN: Deanna McDowell

Test Start: 2007.06.08 @ 23:18:21

GENERAL INFORMATION:

Formation: **B-C LKC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:05:06

Time Test Ended: 08:03:51

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3655.00 ft (KB) To 3698.00 ft (KB) (TVD)**

Reference Elevations: 2281.00 ft (KB)

Total Depth: 3698.00 ft (KB) (TVD)

2274.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6741

Inside

Press@RunDepth: 107.25 psig @ 3658.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.06.08

End Date:

2007.06.09

Last Calib.: 2007.06.09

Start Time: 23:18:23

End Time:

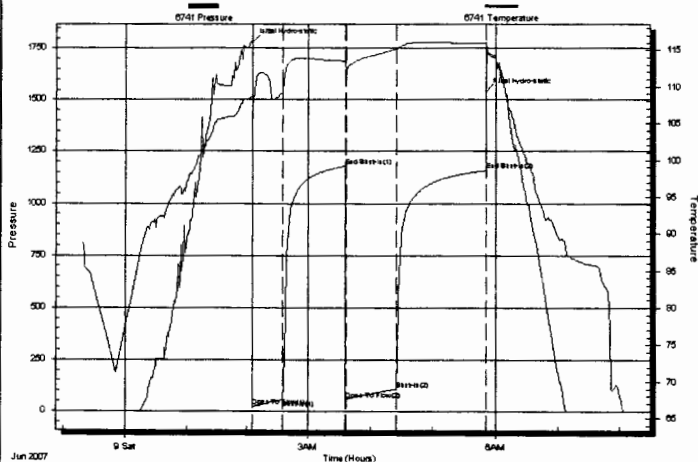
08:03:51

Time On Btm: 2007.06.09 @ 02:04:51

Time Off Btm: 2007.06.09 @ 05:51:06

TEST COMMENT: IF-Strong B-B in 8 min
FF-Strong B-B in 9 min
FSI-Weak building to 1" - died in 60 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.35	108.63	Initial Hydro-static
1	21.43	108.05	Open To Flow (1)
31	54.08	109.20	Shut-In (1)
92	1178.54	113.54	End Shut-In (1)
92	54.68	112.63	Open To Flow (2)
141	107.25	115.16	Shut-In (2)
226	1158.67	115.93	End Shut-In (2)
227	1540.98	116.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mdy Wtr 20% m 80% w	0.97
80.00	MCGsyO 10% g 45% o 45% m	1.94
105.00	CGsyO 10% g 90% o	2.55
0.00	620 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28257 PO# **DST#: 2**

ATTN: Deanna McDowell

Test Start: 2007.06.08 @ 23:18:21

Tool Information

Drill Pipe:	Length: 3638.00 ft	Diameter: 5.00 inches	Volume: 88.35 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 88.35 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3655.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	72.00 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			3627.00	
Shut In Tool	5.00			3632.00	
Hydraulic tool	5.00			3637.00	
Jars	5.00			3642.00	
Safety Joint	3.00			3645.00	
Packer	5.00			3650.00	29.00 Bottom Of Top Packer
Packer	5.00			3655.00	
Stubb	1.00			3656.00	
Perforations	1.00			3657.00	
Change Over Sub	1.00			3658.00	
Recorder	0.00	6741	Inside	3658.00	
Drill Pipe	31.00			3689.00	
Change Over Sub	1.00			3690.00	
Perforations	5.00			3695.00	
Recorder	0.00	13254	Outside	3695.00	
Bullnose	3.00			3698.00	43.00 Bottom Packers & Anchor
Total Tool Length:		72.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28257 PO# **DST#: 2**

ATTN: Deanna McDowell

Test Start: 2007.06.08 @ 23:18:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 65000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mdy Wtr 20%m 80%w	0.971
80.00	MCGsyO 10%g 45%o 45%m	1.943
105.00	CGsyO 10%g 90%o	2.550
0.00	620 GIP	0.000

Total Length: 225.00 ft Total Volume: 5.464 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .09 @ 80 = 65000ppm

DST Test Number: 2

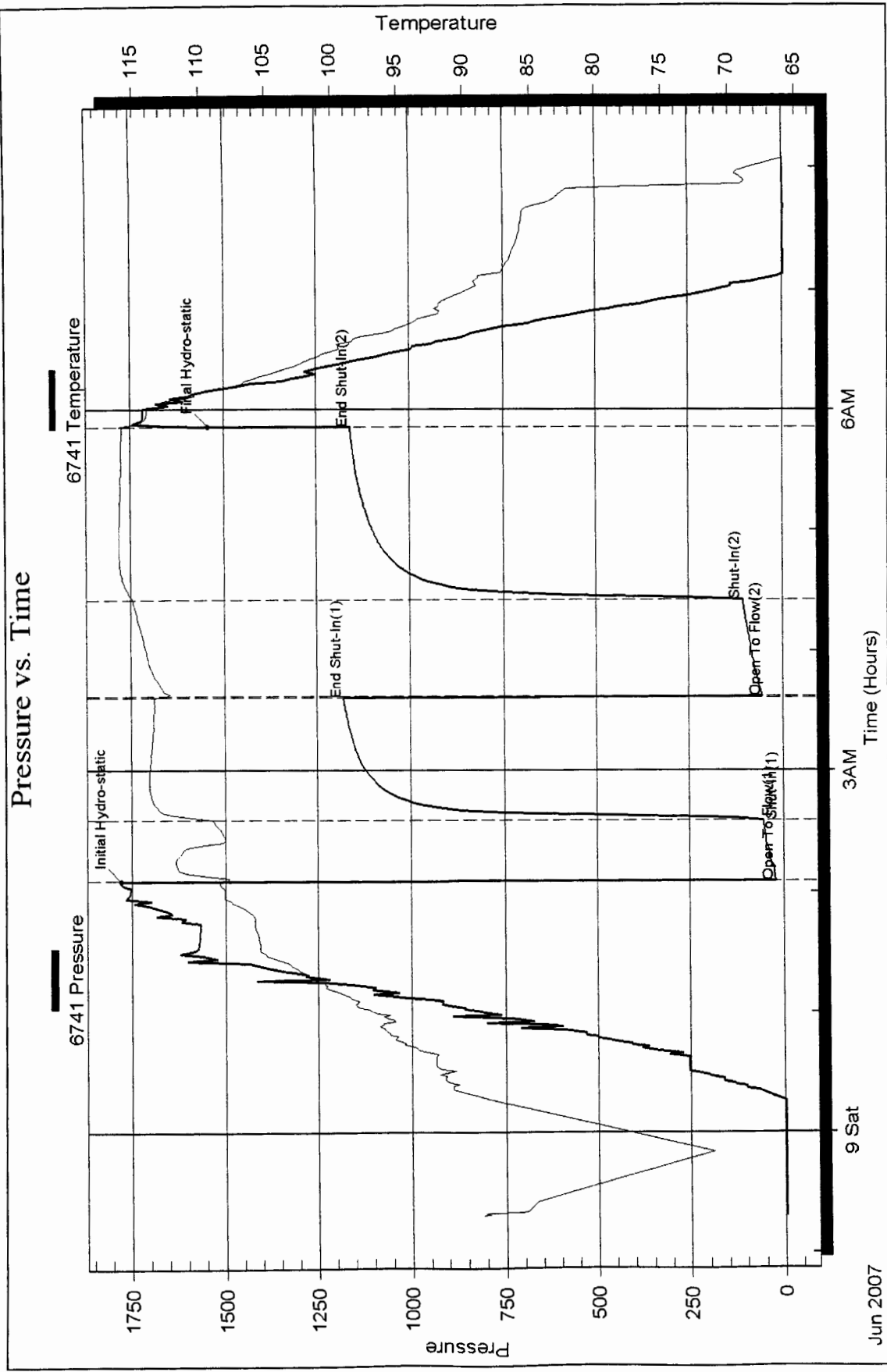
12 11 24 Trego KS

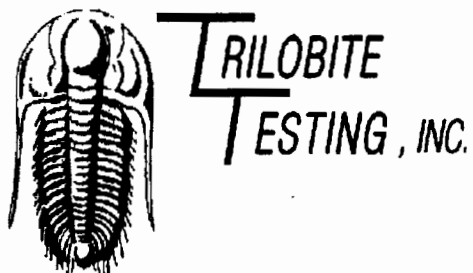
Ohio Kentucky Oil Corporation

Inside

Serial #: 6741

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky Oil Corporation**

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

12 11 24 Trego KS

Vreeland # 3

Start Date: 2007.06.09 @ 22:45:40

End Date: 2007.06.10 @ 05:04:55

Job Ticket #: 28258 P O # 12 CDST #: 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

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28258 P O # **DST#: 3**

ATTN: Deanna McDowell

Test Start: 2007.06.09 @ 22:45:40

GENERAL INFORMATION:

Formation: **E LKC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:13:10

Time Test Ended: 05:04:55

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3695.00 ft (KB) To 3719.00 ft (KB) (TVD)**

Total Depth: **3719.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2281.00 ft (KB)**

2274.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **14.93 psig @ 3696.00 ft (KB)**

Start Date: **2007.06.09**

End Date:

2007.06.10

Start Time: **22:45:42**

End Time:

05:04:55

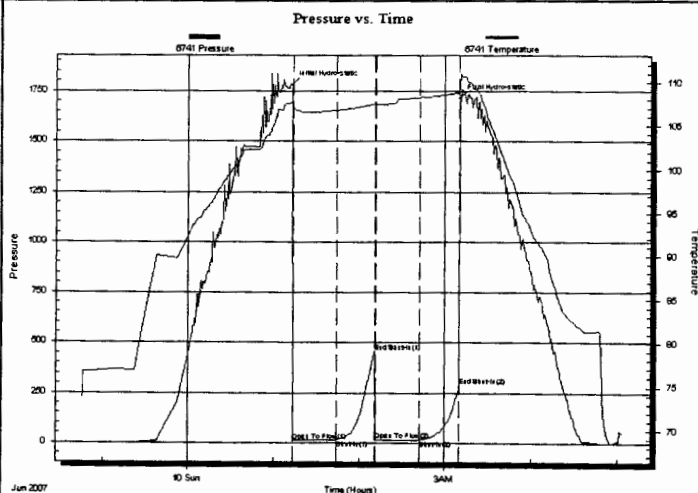
Capacity: **7000.00 psig**

Last Calib.: **2007.06.10**

Time On Btm: **2007.06.10 @ 01:12:55**

Time Off Btm: **2007.06.10 @ 03:10:25**

TEST COMMENT: IF Weak died in 10 min
FF No blow - flushed tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1780.43	107.63	Initial Hydro-static
1	11.76	107.15	Open To Flow (1)
31	14.74	106.80	Shut-In(1)
59	454.71	107.54	End Shut-In(1)
59	13.72	107.44	Open To Flow (2)
90	14.93	108.26	Shut-In(2)
118	283.99	108.83	End Shut-In(2)
118	1714.28	109.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	DM	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28258 P O # **DST#: 3**

ATTN: Deanna McDowell

Test Start: 2007.06.09 @ 22:45:40

Tool Information

Drill Pipe:	Length: 3669.00 ft	Diameter: 5.00 inches	Volume: 89.10 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 89.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3695.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 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
Change Over Sub	1.00			3667.00	
Shut In Tool	5.00			3672.00	
Hydraulic tool	5.00			3677.00	
Jars	5.00			3682.00	
Safety Joint	3.00			3685.00	
Packer	5.00			3690.00	29.00 Bottom Of Top Packer
Packer	5.00			3695.00	
Stubb	1.00			3696.00	
Recorder	0.00	6741	Inside	3696.00	
Perforations	20.00			3716.00	
Recorder	0.00	13254	Outside	3716.00	
Bullnose	3.00			3719.00	24.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28258 P O # **DST#: 3**

ATTN: Deanna McDowell

Test Start: 2007.06.09 @ 22:45:40

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	DM	0.073

Total Length: 3.00 ft

Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

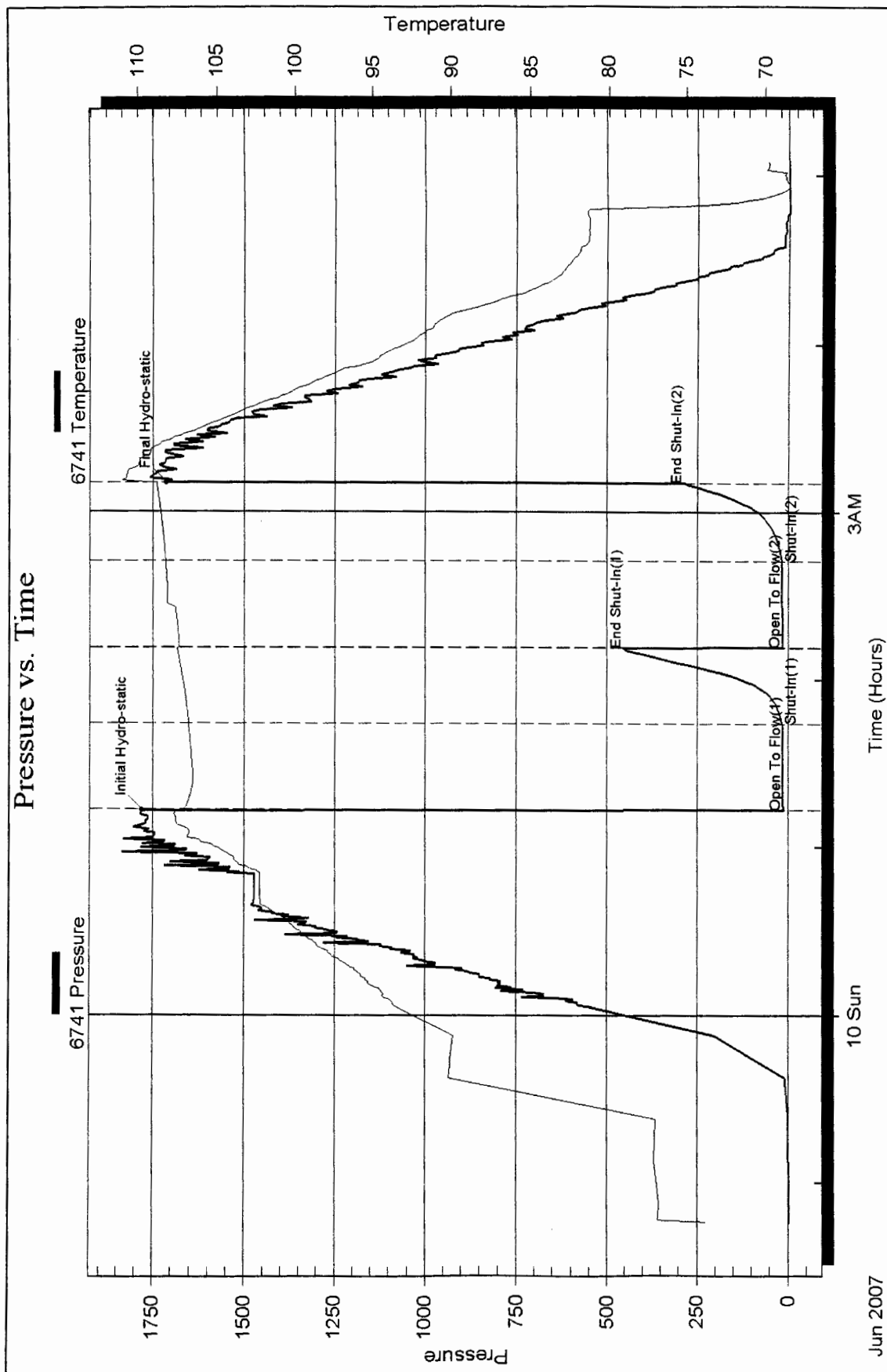
Inside

Ohio Kentucky Oil Corporation

12 11 24 Trego KS

DST Test Number: 3

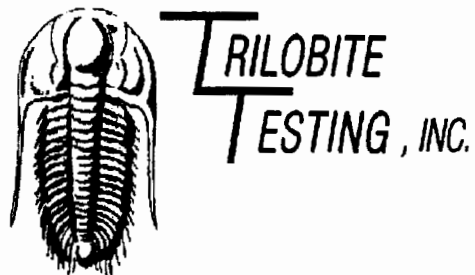
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 28258 P O # 12060

Printed: 2007.06.12 @ 15:17:29 Page 5



DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky Oil Corporation**

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

12 11 24 Trego KS

Vreeland # 3

Start Date: 2007.06.10 @ 19:32:43

End Date: 2007.06.11 @ 02:40:28

Job Ticket #: 28259 P O # 12 CDST #: 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

Ohio Kentucky Oil Corporation

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

Vreeland # 3

12 11 24 Trego KS

Job Ticket: 28259 P O # **DST#: 4**

Test Start: 2007.06.10 @ 19:32:43

GENERAL INFORMATION:

Formation: **I LKC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:41:13

Time Test Ended: 02:40:28

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3790.00 ft (KB) To 3818.00 ft (KB) (TVD)**

Total Depth: **3818.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2281.00 ft (KB)**

2274.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **13.94 psig @ 3791.00 ft (KB)**

Start Date: **2007.06.10**

End Date:

2007.06.11

Start Time: **19:32:45**

End Time:

02:40:28

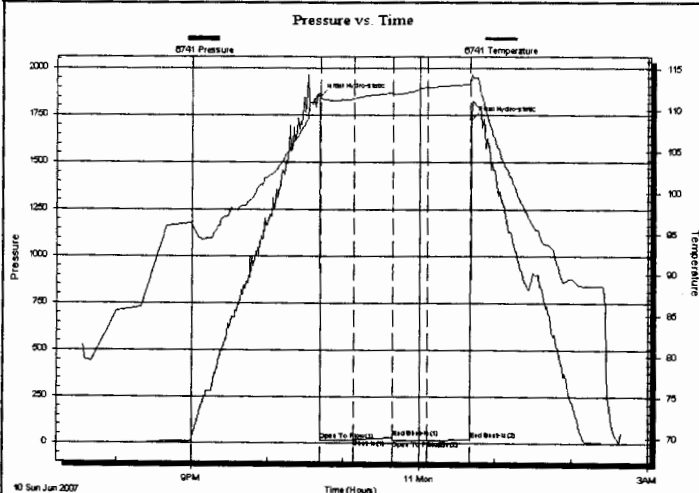
Capacity: **7000.00 psig**

Last Calib.: **2007.06.11**

Time On Btm: **2007.06.10 @ 22:40:58**

Time Off Btm: **2007.06.11 @ 00:40:43**

TEST COMMENT: IF Weak died in 8 min
FF No blow - flushed tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1849.00	112.13	Initial Hydro-static
1	13.17	111.68	Open To Flow (1)
27	17.95	111.46	Shut-In(1)
58	30.08	112.14	End Shut-In(1)
59	14.98	112.07	Open To Flow (2)
86	13.94	112.86	Shut-In(2)
120	21.88	113.22	End Shut-In(2)
120	1726.63	114.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	DM	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28259 P O # **DST#: 4**

ATTN: Deanna McDowell

Test Start: 2007.06.10 @ 19:32:43

Tool Information

Drill Pipe:	Length: 3763.00 ft	Diameter: 5.00 inches	Volume: 91.39 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 91.39 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3790.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 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			3762.00	
Shut In Tool	5.00			3767.00	
Hydraulic tool	5.00			3772.00	
Jars	5.00			3777.00	
Safety Joint	3.00			3780.00	
Packer	5.00			3785.00	29.00 Bottom Of Top Packer
Packer	5.00			3790.00	
Stubb	1.00			3791.00	
Recorder	0.00	6741	Inside	3791.00	
Perforations	24.00			3815.00	
Recorder	0.00	13254	Outside	3815.00	
Bullnose	3.00			3818.00	28.00 Bottom Packers & Anchor

Total Tool Length: 57.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28259 P O # **DST#: 4**

ATTN: Deanna McDowell

Test Start: 2007.06.10 @ 19:32:43

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: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	DM	0.049

Total Length: 2.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

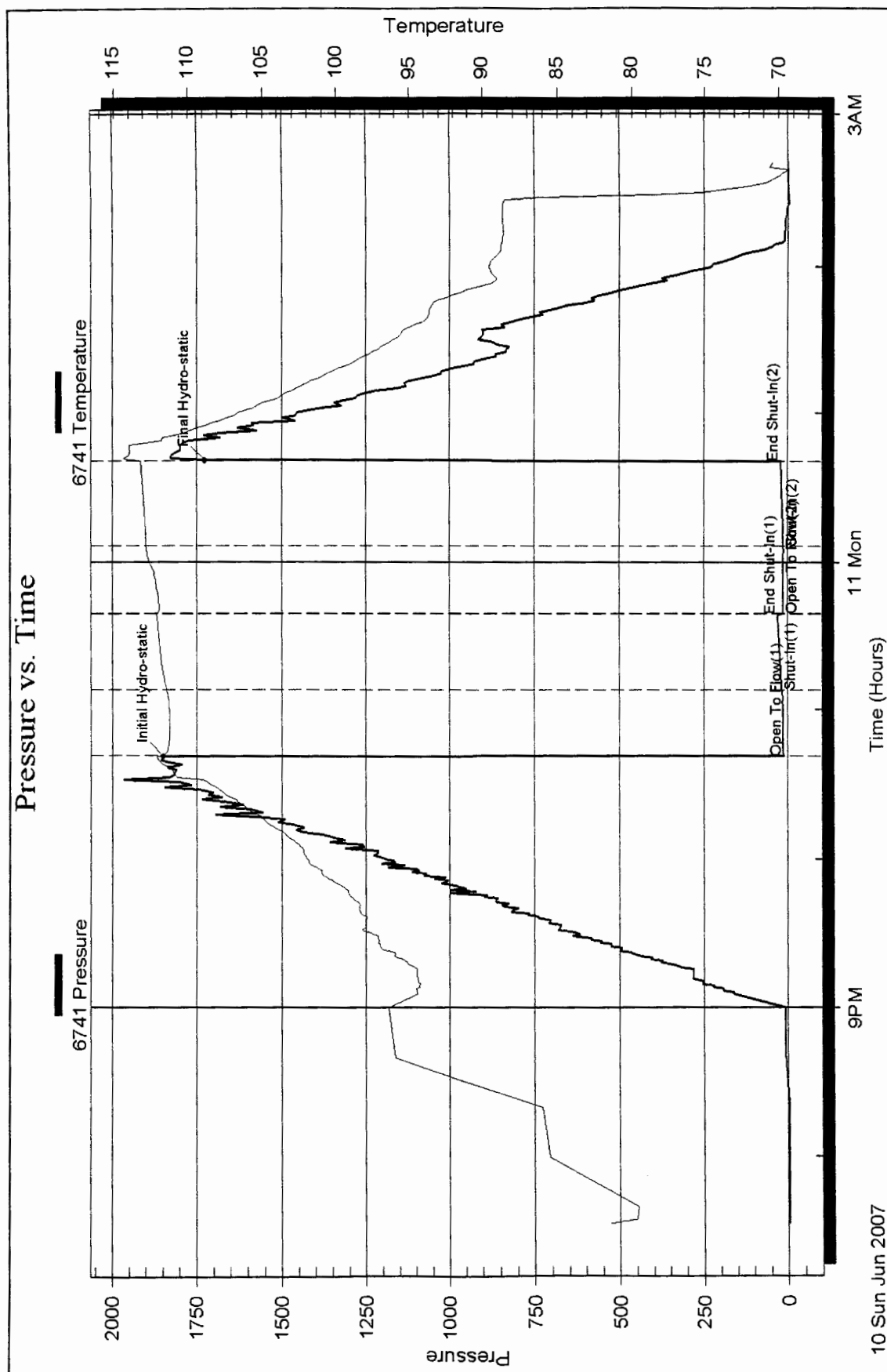
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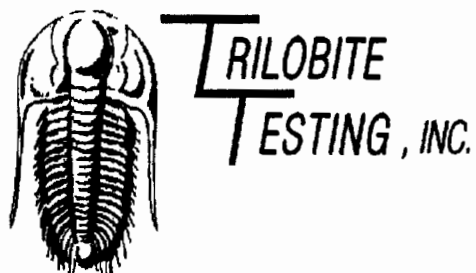
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky Oil Corporation**

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

12 11 24 Trego KS

Vreeland # 3

Start Date: 2007.06.11 @ 10:40:39

End Date: 2007.06.11 @ 21:26:24

Job Ticket #: 28260 P O # 12C 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

Ohio Kentucky Oil Corporation

110 E Lowry Lane
Lexington KY 40503

ATTN: Deanna McDowell

Vreeland # 3

12 11 24 Trego KS

Job Ticket: 28260 P O # **DST#: 5**

Test Start: 2007.06.11 @ 10:40:39

GENERAL INFORMATION:

Formation: **J LKC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:49:29

Time Test Ended: 21:26:24

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3810.00 ft (KB) To 3834.00 ft (KB) (TVD)**

Total Depth: **3834.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2281.00 ft (KB)**

2274.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6741 Inside

Press@RunDepth: **483.99 psig @ 3811.00 ft (KB)**

Start Date: **2007.06.11**

End Date:

2007.06.11

Start Time: **10:40:41**

End Time:

21:26:24

Capacity: **7000.00 psig**

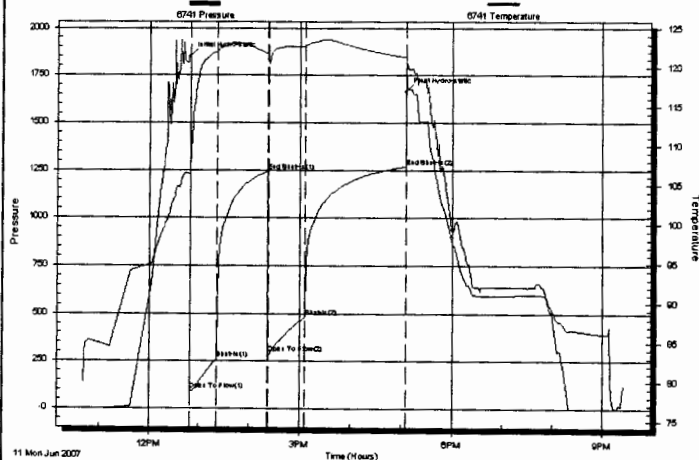
Last Calib.: **2007.06.11**

Time On Btm: **2007.06.11 @ 12:49:09**

Time Off Btm: **2007.06.11 @ 17:05:39**

TEST COMMENT: IF Strong B-B in 2 min
ISI Strong B-B in 12 min
FF Strong B-B in 1 min
FSI Strong B-B in 30 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.19	106.38	Initial Hydro-static
1	94.96	106.17	Open To Flow (1)
32	260.28	122.05	Shut-In(1)
93	1242.84	121.81	End Shut-In(1)
94	293.77	120.92	Open To Flow (2)
138	483.99	122.69	Shut-In(2)
257	1269.74	121.33	End Shut-In(2)
257	1663.16	121.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1365.00	CGs/O 25%G 75%O	33.15
0.00	GTS on FSI	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28260 P O # DST#: 5

ATTN: Deanna McDowell

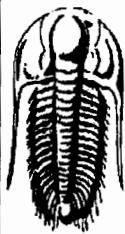
Test Start: 2007.06.11 @ 10:40:39

Tool Information

Drill Pipe:	Length: 3793.00 ft	Diameter: 5.00 inches	Volume: 92.12 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:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	92.12 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3810.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 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
Change Over Sub	1.00			3782.00	
Shut In Tool	5.00			3787.00	
Hydraulic tool	5.00			3792.00	
Jars	5.00			3797.00	
Safety Joint	3.00			3800.00	
Packer	5.00			3805.00	29.00 Bottom Of Top Packer
Packer	5.00			3810.00	
Stubb	1.00			3811.00	
Recorder	0.00	6741	Inside	3811.00	
Perforations	20.00			3831.00	
Recorder	0.00	13254	Outside	3831.00	
Bullnose	3.00			3834.00	24.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky Oil Corporation

Vreeland # 3

110 E Lowry Lane
Lexington KY 40503

12 11 24 Trego KS

Job Ticket: 28260 P O # **DST#: 5**

ATTN: Deanna McDowell

Test Start: 2007.06.11 @ 10:40:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1365.00	CGsyO 25%G 75%O	33.150
0.00	GTS on FSI	0.000

Total Length: 1365.00 ft Total Volume: 33.150 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

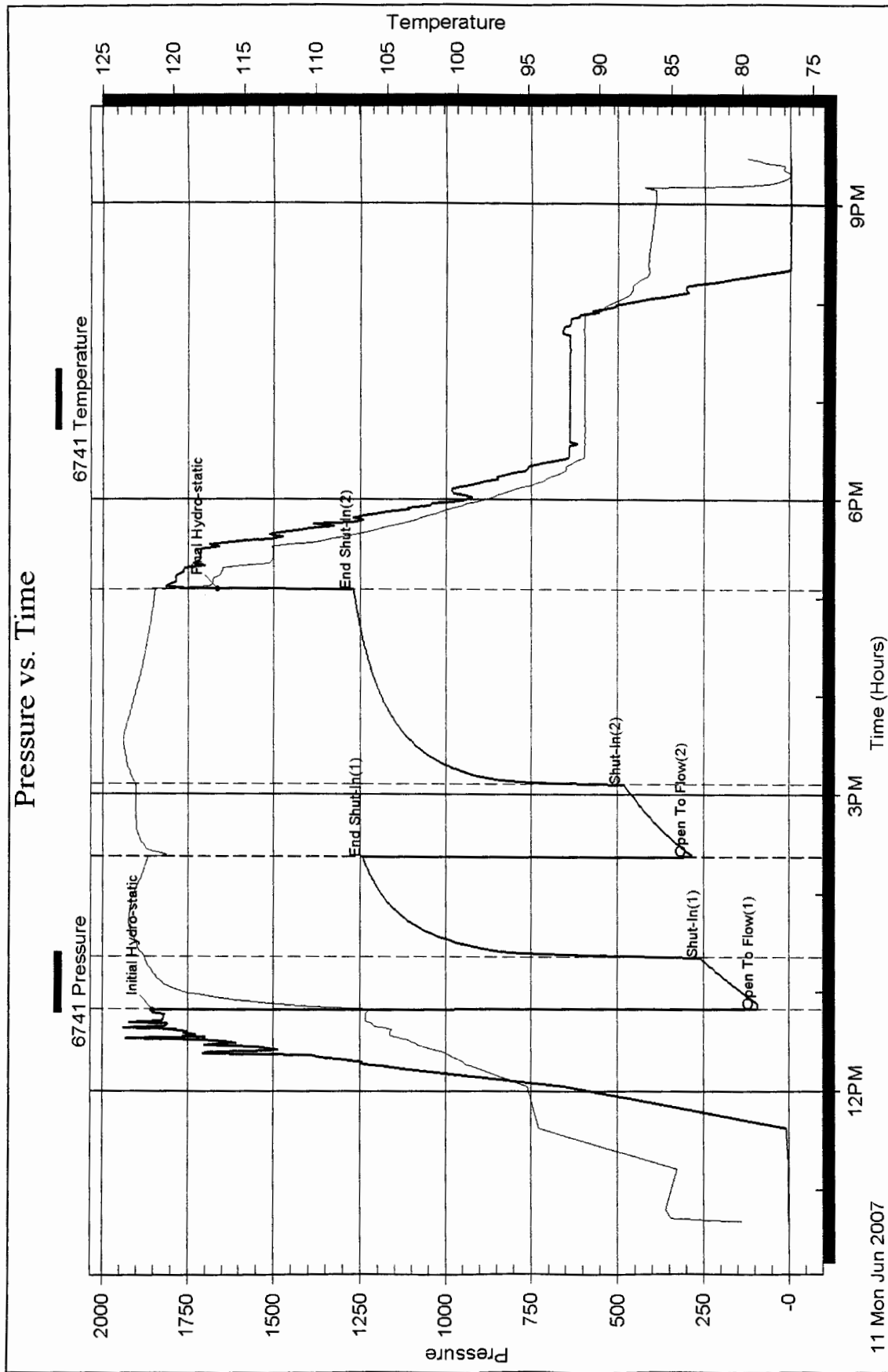
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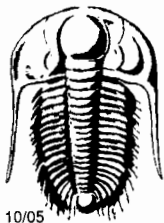
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28256 ✓

Test Ticket

Well Name & No. Vreeland #3 Test No. 1 Date 6-8-67
 Company Ohio Kentucky Oil Corp. Zone Tested Terceto
 Address 110 E. Lowry Lane, Lexington, Ky 40503 Elevation 2281 KB 2274 GL
 Co. Rep / Geo. Jim Hall Rig Am. Eagle #1
 Location: Sec. 12 Twp. 11 Rge. 24 Co. Trego State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3611 ————— 3636 Initial Str Wt./Lbs. 35,000 Unseated Str Wt./Lbs. 35,000
 Anchor Length 25 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3606 Tool Weight 2000
 Bottom Packer Depth 3611 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3636 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.9 LCM 55 Vis. 55 WL 8.8 Drill Pipe Size 4.5" XH Ft. Run 3608
 Blow Description Slid Tool 8' To bottom - 2" blow decreasing to no blow in 15 min.
E.F. No blow - flushed tool

Recovery - Total Feet 35 GIP _____ Ft. in DC _____ Ft. in DP 35
 Rec. 35 Feet of D.M. %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 109 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1795	PSI	6741	1100
(B) First Initial Flow Pressure	27	PSI	3612	Jars X 250
(C) First Final Flow Pressure	32	PSI	13254	Safety Jt. X 75
(D) Initial Shut-In Pressure	1098	PSI	3633	Circ Sub
(E) Second Initial Flow Pressure	30	PSI		Sampler
(F) Second Final Flow Pressure	32	PSI		Straddle
(G) Final Shut-In Pressure	1061	PSI	Initial Opening	Ext. Packer
(Q) Final Hydrostatic Mud	1784	PSI	Initial Shut-In	Shale Packer X 250
			Final Flow	Ruined Packer
			Final Shut-In	Mileage 102 RT 127.50

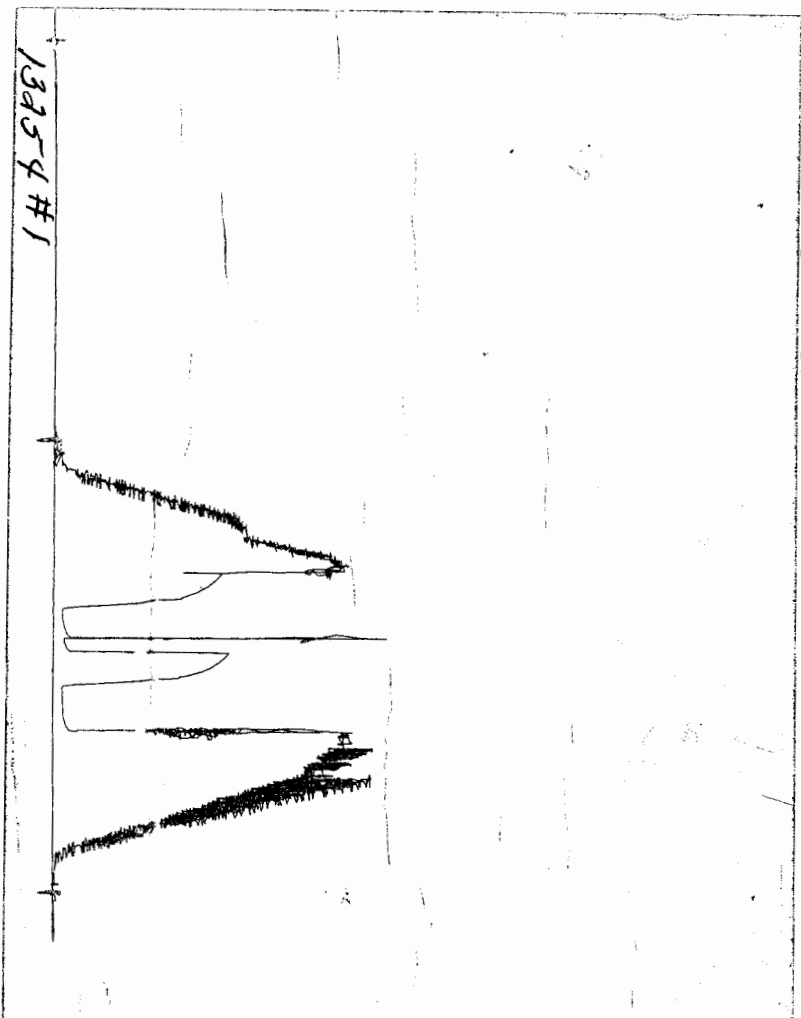
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

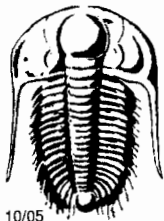
Approved By Jim Hall
 Our Representative Dan Rangle

T-On Location 01:15
 T-Started 03:00
 T-Open 05:35
 T-Pulled 07:35
 T-Out 09:20
 Sub Total: _____
 Std. By: _____
 Acc. Chg: \$1802.50
 Other: _____
 Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28257

P.O.# 12060

Test Ticket

Well Name & No. <u>Vreeland #3</u>	Test No. <u>2</u>	Date <u>6-8-07</u>
Company <u>Ohio Kentucky Oil Corp</u>	Zone Tested <u>B-C</u>	<u>LKC</u>
Address _____	Elevation <u>2281</u> KB <u>2274</u> GL	
Co. Rep / Geo. <u>Jim Hall</u>	Rig <u>Am. Eagle #1</u>	
Location: Sec. <u>12</u> Twp. <u>11</u> Rge. <u>24</u> Co. <u>Trego</u> State <u>Ks</u>		
Comment: _____	Release date / time: _____	

Interval Tested 3655 ————— 3698 Initial Str Wt./Lbs. 34000 Unseated Str Wt./Lbs. 36000
 Anchor Length 43 Wt. Set Lbs. 29000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3650 Tool Weight 2000
 Bottom Packer Depth 3653 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3698 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.4 LCM _____ Vis. 46 WL 9.4 Drill Pipe Size 5" XH Ft. Run 3638
 Blow Description F.F. Strong B-B in 8 min.

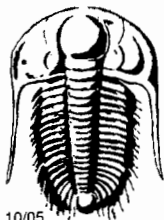
F.F. Strong B-B in 9 min.
FST Weak-building to 1" Died in 60 min.
 Recovery - Total Feet 225 GIP 620 Ft. in DC _____ Ft. in DP 225
 Rec. 105 Feet of CGSyc 10 %gas 90 %oil %water %mud
 Rec. 80 Feet of MC Gsyc 10 %gas 45 %oil %water 45 %mud
 Rec. 40 Feet of mdy wtr %gas %oil 80 %water 20 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 115 °F Gravity _____ °API D @ _____ °F Corrected Gravity 36 °API
 RW .09 @ 80 °F Chlorides 65000 ppm Recovery _____ Chlorides 2200 ppm System

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1827</u> PSI	Recorder No. <u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure	<u>21</u> PSI	(depth) <u>3658</u>	Jars <u>X</u> <u>250</u>
(C) First Final Flow Pressure	<u>54</u> PSI	Recorder No. <u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>1178</u> PSI	(depth) <u>3695</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>54</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>107</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1158</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1717</u> PSI	Initial Shut-In <u>60</u>	Shale Packer <u>X</u> <u>250</u>
		Final Flow <u>45</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <u>102 RT 127.50</u>
		T-On Location <u>23:00</u>	Sub Total: _____
		T-Started <u>23:18</u>	Std. By _____
		T-Open <u>02:25</u>	Acc. Chg: <u>\$1802.50</u>
		T-Pulled <u>05:50</u>	Other: _____
		T-Out <u>08:03</u>	Total: _____

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Approved By Jim Hall

Our Representative Don Rangle



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28258

p.c.# 12060

Test Ticket

Well Name & No. <u>Vreeland #3</u>	Test No. <u>3</u>	Date <u>6-9-07</u>
Company <u>Ohio Kentucky Oil Corp</u>	Zone Tested <u>E</u>	<u>LKC</u>
Address _____	Elevation <u>2281</u> KB <u>2274</u>	GL _____
Co. Rep / Geo. <u>Jim Hall</u>	Rig <u>Am. Eagle #1</u>	
Location: Sec. <u>12</u> Twp. <u>11</u> Rge. <u>24</u>	Co. <u>Trego</u>	State <u>Ks</u>
Comment: _____	Release date / time: _____	

Interval Tested 3695 ————— 3719 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 24 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3690 Tool Weight 2000
 Bottom Packer Depth 3695 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3719 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.4 LCM _____ Vis. 48 WL 8.8 Drill Pipe Size 5"XH Ft. Run 3669
 Blow Description E.F. Weak died in 10 min.

E.F. No blow - flushed tool

Recovery - Total Feet <u>3</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>3</u>
Rec. <u>3</u>	Feet of <u>D.M.</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>108</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____ @ _____	*F _____	Chlorides _____ ppm Recovery _____	Chlorides <u>2300</u> ppm System _____

(A) Initial Hydrostatic Mud	<u>1804</u> PSI	Recorder No. <u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure	<u>11</u> PSI	(depth) <u>3696</u>	Jars <u>X</u> <u>250</u>
(C) First Final Flow Pressure	<u>14</u> PSI	Recorder No. <u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>454</u> PSI	(depth) <u>3716</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>13</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>14</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>283</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1768</u> PSI	Initial Shut-In <u>30</u>	Shale Packer <u>X</u> <u>250</u>
		Final Flow <u>30</u>	Ruined Packer _____
		Final Shut-In <u>30</u>	Mileage <u>102 RT 127.50</u>

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Approved By Jim Hall

Our Representative Don Bangle

T-On Location

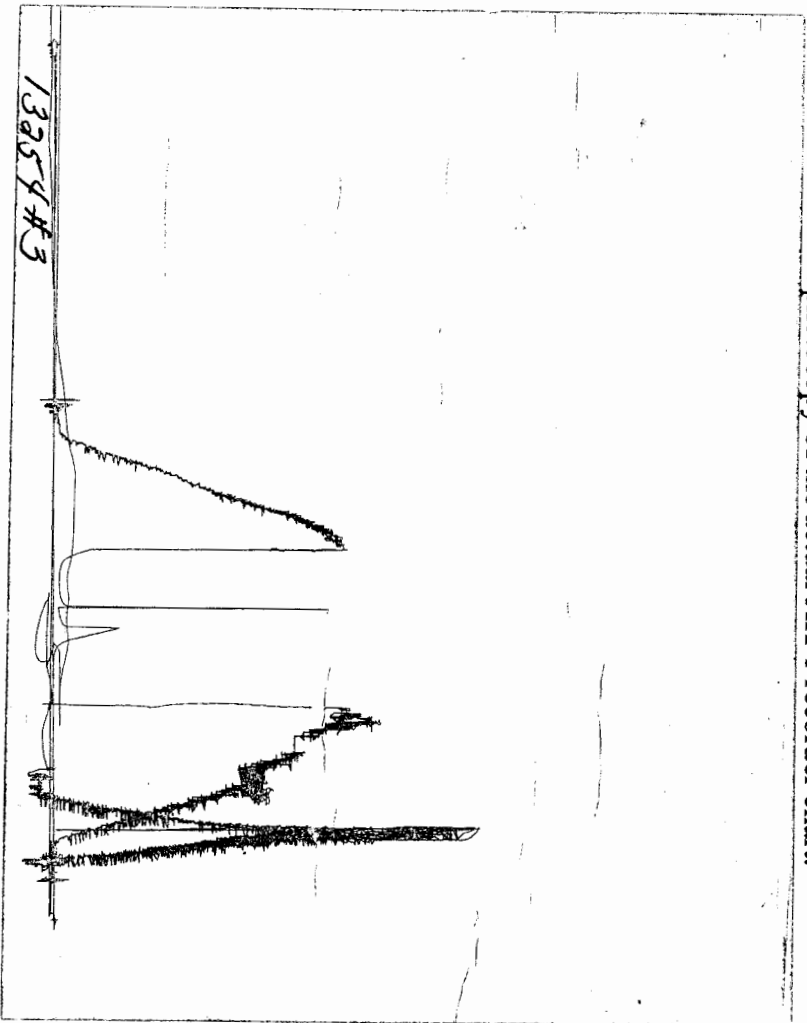
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 T-Open 01:10
 T-Pulled 03:10
 T-Out 05:04

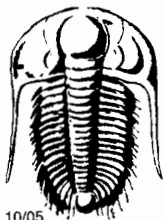
Sub Total:

Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1802.50

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28259

P.O. 12060

Test Ticket

Well Name & No. <u>Vreeland #3</u>	Test No. <u>4</u>	Date <u>6-10-07</u>
Company <u>Ohio Kentucky Oil Corp</u>	Zone Tested <u>I</u>	<u>LKC</u>
Address _____	Elevation <u>2281</u>	KB <u>2274</u> GL _____
Co. Rep / Geo. <u>Jim Hall</u>	Rig <u>Am Eagle #1</u>	
Location: Sec. <u>12</u> Twp. <u>11</u> Rge. <u>24</u>	Co. <u>Frege</u>	State <u>Ks</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>3790</u> — <u>3818</u>	Initial Str Wt./Lbs. <u>36,000</u>	Unseated Str Wt./Lbs. <u>36,000</u>
Anchor Length <u>28</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>3785</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>3790</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3818</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.1</u> LCM _____ Vis. <u>50</u> WL <u>8.8</u>	Drill Pipe Size <u>5" XH</u>	Ft. Run <u>3763</u>
Blow Description <u>I.F. Weak - Died in 8 min.</u>		

E.F. No blow - flushed tool

Recovery - Total Feet <u>2</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>2</u>
Rec. <u>2</u> Feet of <u>DM</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>113</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>3,000</u> ppm System			

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1874</u>	PSI	Recorder No. <u>6741</u>	Test <u>1100</u>	
(B) First Initial Flow Pressure	<u>13</u>	PSI	(depth) <u>3791</u>	Jars <u>X</u> <u>250</u>	
(C) First Final Flow Pressure	<u>17</u>	PSI	Recorder No. <u>1325-4</u>	Safety Jt. <u>X</u> <u>75</u>	
(D) Initial Shut-In Pressure	<u>30</u>	PSI	(depth) <u>3813</u>	Circ Sub _____	
(E) Second Initial Flow Pressure	<u>14</u>	PSI	Recorder No. _____	Sampler _____	
(F) Second Final Flow Pressure	<u>13</u>	PSI	(depth) _____	Straddle _____	
(G) Final Shut-In Pressure	<u>21</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1825</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer <u>X</u> <u>250</u>	
			Final Flow <u>30</u>	Ruined Packer _____	
			Final Shut-In <u>30</u>	Mileage <u>102 RT 127.50</u>	

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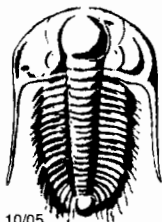
Approved By Jim Hall

Our Representative Dan Bangle

T-On Location

T-Started	<u>19:32</u>
T-Open	<u>22:40</u>
T-Pulled	<u>00:40</u>
T-Out	<u>02:40</u>

Sub Total:	_____
Std. By	_____
Acc. Chg:	_____
Other:	_____
Total:	<u>\$1802.50</u>



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28260

Test Ticket

Well Name & No. <u>Vreeland #3</u>	Test No. <u>5</u>	Date <u>6-11-07</u>
Company <u>Ohio Kentucky Oil Corp</u>	Zone Tested <u>J LKC</u>	
Address _____	Elevation <u>2281</u> KB <u>2274</u> GL	
Co. Rep / Geo. <u>Jim Hall</u>	Rig <u>Am. Eagle #1</u>	
Location: Sec. <u>12</u> Twp. <u>11</u> Rge. <u>24</u>	Co. <u>Trego</u> State <u>Ks</u>	
Comment: _____	Release date / time: _____	

Interval Tested 3810 ————— 3834 Initial Str Wt./Lbs. 36000 Unseated Str Wt./Lbs. 47000
 Anchor Length 24 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3805 Tool Weight 2000
 Bottom Packer Depth 3810 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3834 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM _____ Vis. 53 WL 8.8 Drill Pipe Size 5" XH Ft. Run 3793

Blow Description IF - Strong B-B in 2 min.
ISI - Strong B-B in 12 min.
F.F - Strong B-B in 1 min.
ESI - Strong B-B in 30 min. GT. 5 120 min.

Recovery - Total Feet 1365 GIP FSI Ft. in DC _____ Ft. in DP 1365
 Rec. 1365 Feet of CB500 25% gas 75% oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 121 °F Gravity _____ °API D @ _____ °F Corrected Gravity 38 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1856</u> PSI		<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>94</u> PSI		<u>3811</u>	Jars <u>X</u> <u>250</u>
(C) First Final Flow Pressure	<u>260</u> PSI		<u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>1242</u> PSI		<u>3831</u>	Circ Sub <u>X</u> <u>50</u>
(E) Second Initial Flow Pressure	<u>293</u> PSI			Sampler _____
(F) Second Final Flow Pressure	<u>483</u> PSI			Straddle _____
(G) Final Shut-In Pressure	<u>1269</u> PSI	Initial Opening <u>30</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1754</u> PSI	Initial Shut-In <u>60</u>		Shale Packer <u>X</u> <u>250</u>
		Final Flow <u>45</u>		Ruined Packer _____
		Final Shut-In <u>120</u>		Mileage <u>102 RT 27.50</u>
		T-On Location <u>10:00</u>		Sub Total: _____
		T-Started <u>10:40</u>		Std. By <u>2.5</u> <u>250</u>
		T-Open <u>13:22</u>		Acc. Chg: _____
		T-Pulled <u>17:07</u>		Other: _____
		T-Out <u>21:26</u>		Total: <u>\$2102.50</u>

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Approved By Jim Hall

Our Representative Dan Rangle

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

