



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co Inc**

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

29 15 14W Russell KS

Becker # 1

Start Date: 2007.06.09 @ 15:44:04

End Date: 2007.06.09 @ 20:49:34

Job Ticket #: 26971

DST #: 1

15-107-23433

NW NW SE

2310 PSL 2470 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Co Inc

Becker # 1

29 15 14W Russell KS

DST # 1

Toronto Lansing D.

2007.06.09



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Drilling Oil Co Inc

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

Becker # 1

29 15 14W Russell KS

Job Ticket: 26971

DST#: 1

Test Start: 2007.06.09 @ 15:44:04

GENERAL INFORMATION:

Formation: **Toronto Lansing D.**

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

Time Tool Opened: 17:16:04

Time Test Ended: 20:49:34

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **2993.00 ft (KB) To 3114.00 ft (KB) (TVD)**

Total Depth: **3114.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1844.00 ft (KB)**

1836.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8289 **Inside**

Press@RunDepth: **106.58 psig @ 2994.00 ft (KB)**

Start Date: **2007.06.09**

End Date:

2007.06.09

Start Time: **15:44:09**

End Time:

20:49:33

Capacity: **7000.00 psig**

Last Calib.: **2007.06.09**

Time On Btm: **2007.06.09 @ 17:06:04**

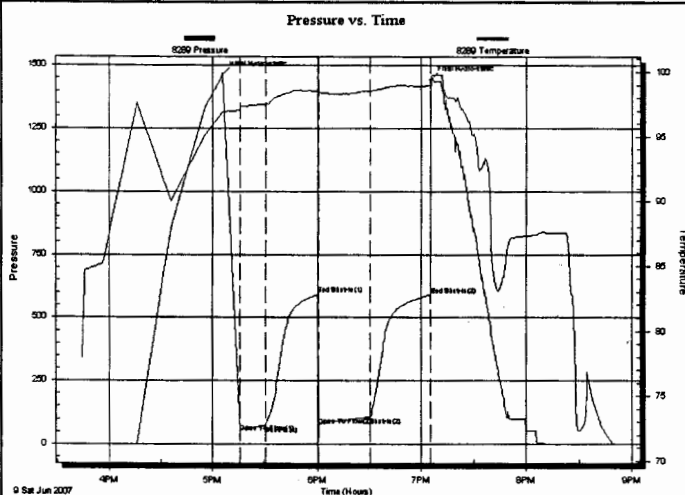
Time Off Btm: **2007.06.09 @ 19:05:19**

TEST COMMENT: IF Strong blow BOB in 18 mins.

ISI No blow

FF Strong blow BOB in 2 1/2 mins.

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1463.74	96.86	Initial Hydro-static
10	43.30	97.02	Open To Flow (1)
25	72.88	97.52	Shut-In(1)
54	591.19	98.53	End Shut-In(1)
55	72.87	98.42	Open To Flow (2)
85	106.58	98.53	Shut-In(2)
119	590.00	98.96	End Shut-In(2)
120	1443.82	99.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GOCM 28%G 19%O 53%M	1.48
75.00	GOCM 18%G 16%O 66%M	1.05
0.00	360ft. of 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

Dreiling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26971

DST#: 1

ATTN: Roger L. Fisher

Test Start: 2007.06.09 @ 15:44:04

Tool Information

Drill Pipe:	Length: 2977.00 ft	Diameter: 3.80 inches	Volume: 41.76 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 41.91 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	2993.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	121.00 ft			
Tool Length:	141.00 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			2974.00	
Shut In Tool	5.00			2979.00	
Hydraulic tool	5.00			2984.00	
Packer	4.00			2988.00	20.00 Bottom Of Top Packer
Packer	5.00			2993.00	
Stubb	1.00			2994.00	
Recorder	0.00	8289	Inside	2994.00	
Perforations	3.00			2997.00	
Change Over Sub	1.00			2998.00	
Blank Spacing	95.00			3093.00	
Change Over Sub	1.00			3094.00	
Perforations	15.00			3109.00	
Recorder	0.00	13789	Outside	3109.00	
Bullnose	5.00			3114.00	121.00 Bottom Packers & Anchor

Total Tool Length: 141.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26971

DST#: 1

ATTN: Roger L. Fisher

Test Start: 2007.06.09 @ 15:44:04

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:

4000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GOCM 28%G 19%O 53%M	1.480
75.00	GOCM 18%G 16%O 66%M	1.052
0.00	360ft. of GIP	0.000

Total Length: 200.00 ft

Total Volume: 2.532 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

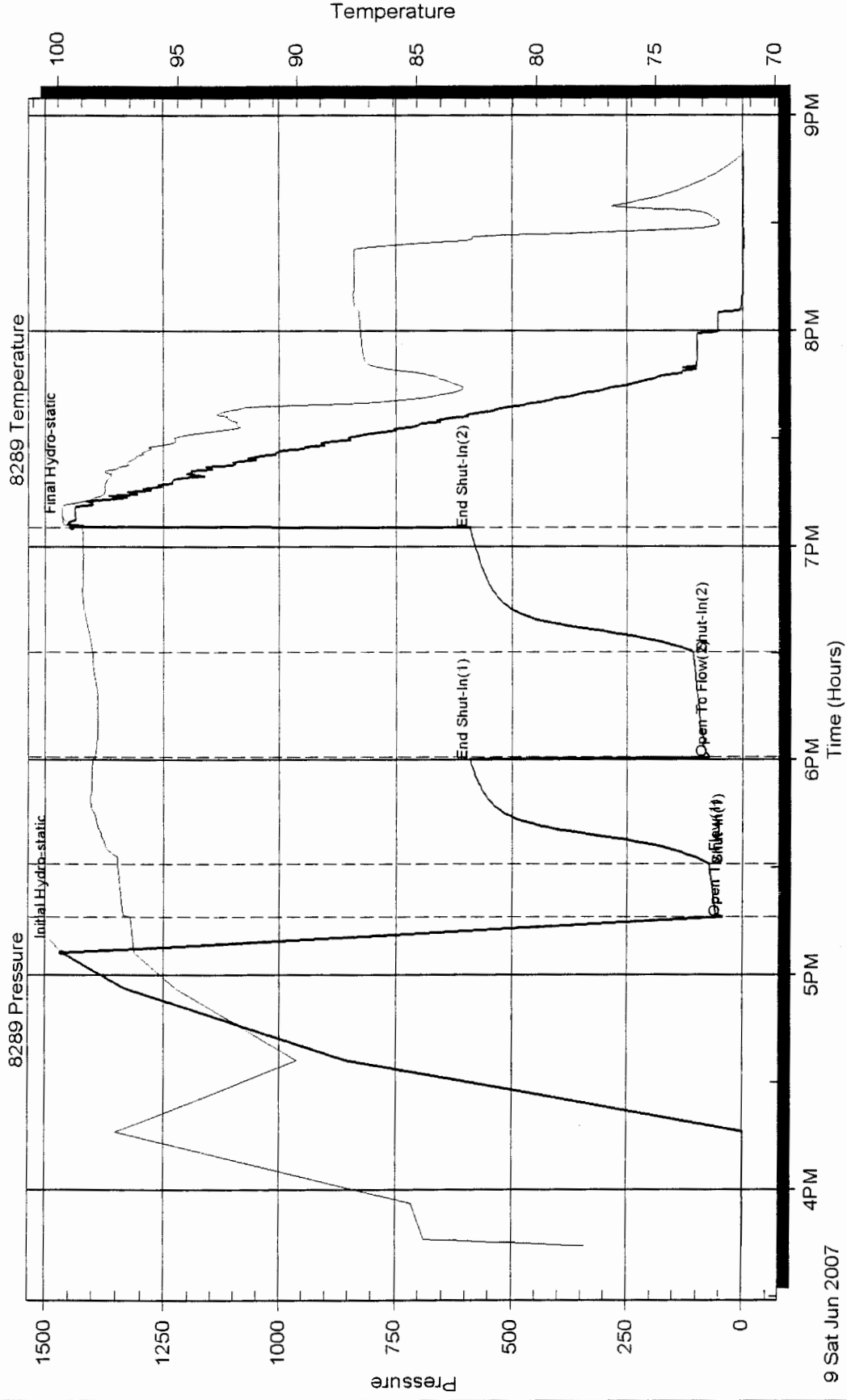
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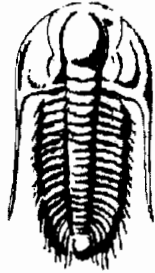
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co Inc**

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

29 15 14W Russell KS

Becker # 1

Start Date: 2007.06.10 @ 05:19:08

End Date: 2007.06.10 @ 10:44:47

Job Ticket #: 26972 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Co Inc

Becker # 1

29 15 14W Russell KS

DST # 2

Lansing KC

2007.06.10



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Co Inc

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

Becker # 1

29 15 14W Russell KS

Job Ticket: 26972

DST#: 2

Test Start: 2007.06.10 @ 05:19:08

GENERAL INFORMATION:

Formation: **Lansing KC**

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

Time Tool Opened: 06:49:13

Time Test Ended: 10:44:47

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3116.00 ft (KB) To 3145.00 ft (KB) (TVD)**

Reference Elevations: **1844.00 ft (KB)**

Total Depth: **3145.00 ft (KB) (TVD)**

1836.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

KB to GR/CF: **8.00 ft**

Serial #: 8289 **Inside**

Press@RunDepth: **36.23 psig @ 3117.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.06.10**

End Date:

2007.06.10

Last Calib.: **2007.06.10**

Start Time: **05:19:08**

End Time:

10:44:47

Time On Btm: **2007.06.10 @ 06:48:43**

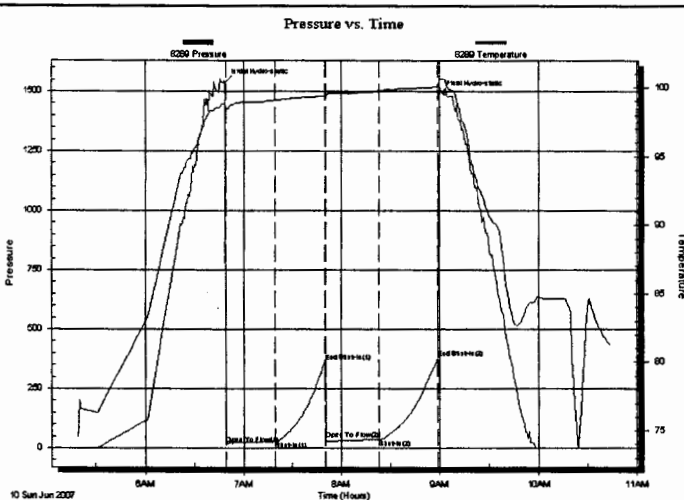
Time Off Btm: **2007.06.10 @ 08:59:33**

TEST COMMENT: IF Strong blow BOB in 25 mins.

ISI Weak blow Blow to 1/2 "

FF Strong blow BOB in 4 mins.

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1536.98	98.81	Initial Hydro-static
1	15.95	98.46	Open To Flow (1)
31	28.18	99.07	Shut-In (1)
62	364.51	99.39	End Shut-In (1)
62	34.65	99.35	Open To Flow (2)
95	36.23	99.78	Shut-In (2)
131	377.19	100.06	End Shut-In (2)
131	1487.42	100.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	GOWCM 40%G 20%O 15%W 25%M	0.78
310.00	GIP	4.35

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26972

DST#: 2

ATTN: Roger L. Fisher

Test Start: 2007.06.10 @ 05:19:08

Tool Information

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.80 inches	Volume: 43.08 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	52000.00 lb
		Total Volume:	43.23 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3116.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	49.00 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			3097.00	
Shut In Tool	5.00			3102.00	
Hydraulic tool	5.00			3107.00	
Packer	4.00			3111.00	20.00 Bottom Of Top Packer
Packer	5.00			3116.00	
Stubb	1.00			3117.00	
Recorder	0.00	8289	Inside	3117.00	
Perforations	23.00			3140.00	
Recorder	0.00	13789	Outside	3140.00	
Bullnose	5.00			3145.00	29.00 Bottom Packers & Anchor

Total Tool Length: 49.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Dreilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26972

DST#: 2

ATTN: Roger L. Fisher

Test Start: 2007.06.10 @ 05:19:08

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: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	GOWCM 40%G 20%O 15%W 25%M	0.779
310.00	GIP	4.348

Total Length: 385.00 ft

Total Volume: 5.127 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

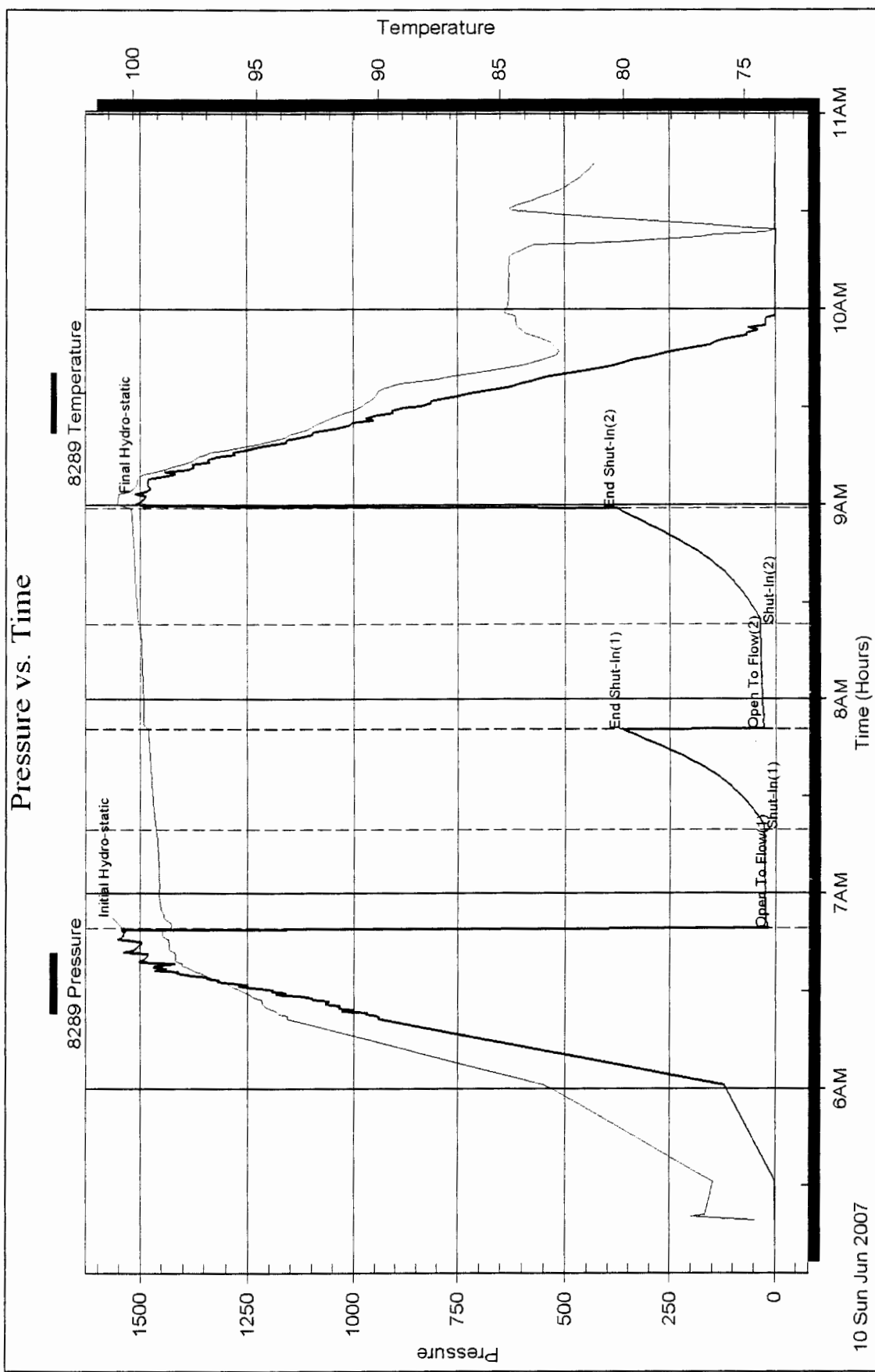
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co Inc**

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

29 15 14W Russell KS

Becker # 1

Start Date: 2007.06.11 @ 00:42:44

End Date: 2007.06.11 @ 07:54:29

Job Ticket #: 26973 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Co Inc

Becker # 1

29 15 14W Russell KS

DST # 3

Lansing H-I-J

2007.06.11



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26973

DST#: 3

ATTN: Roger L. Fisher

Test Start: 2007.06.11 @ 00:42:44

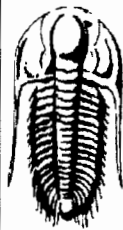
Tool Information

Drill Pipe:	Length: 3164.00 ft	Diameter: 3.80 inches	Volume: 44.38 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	54000.00 lb
		Total Volume:	44.53 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3190.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	89.00 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			3171.00	
Shut In Tool	5.00			3176.00	
Hydraulic tool	5.00			3181.00	
Packer	4.00			3185.00	20.00 Bottom Of Top Packer
Packer	5.00			3190.00	
Stubb	1.00			3191.00	
Recorder	0.00	8289	Inside	3191.00	
Perforations	10.00			3201.00	
Change Over Sub	1.00			3202.00	
Blank Spacing	31.00			3233.00	
Change Over Sub	1.00			3234.00	
Perforations	20.00			3254.00	
Recorder	0.00	13789	Inside	3254.00	
Bullnose	5.00			3259.00	69.00 Bottom Packers & Anchor

Total Tool Length: 89.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26973 **DST#: 3**

ATTN: Roger L. Fisher

Test Start: 2007.06.11 @ 00:42:44

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 10.38 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API: 36.5 deg API

Water Salinity: 38000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MV 20%M 80%W Rw .21 OHMS@69 deg	1.480
88.00	OCWM 4%O 40%W 56%M	1.234
2.00	ft. of clean Oil	0.028
0.00	90 ft. of GIP	0.000

Total Length: 215.00 ft

Total Volume: 2.742 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

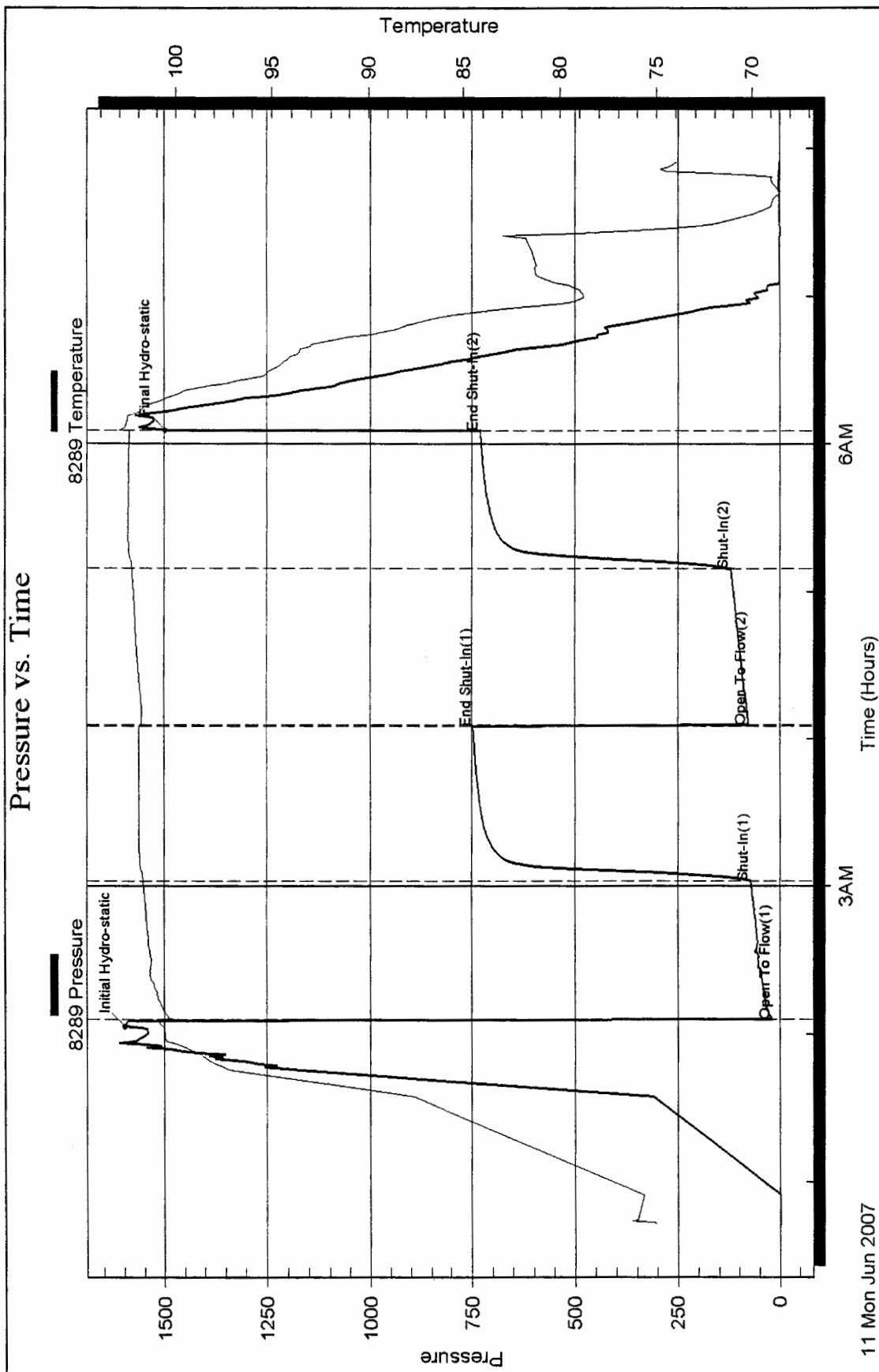
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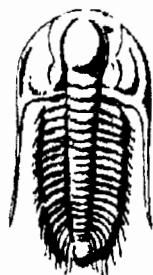
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co Inc**

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

29 15 14W Russell KS

Becker # 1

Start Date: 2007.06.11 @ 23:42:25

End Date: 2007.06.12 @ 02:56:15

Job Ticket #: 26974

DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Co Inc

Becker # 1

29 15 14W Russell KS

DST # 4

Lansing G

2007.06.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dreiling Oil Co Inc

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

Becker # 1

29 15 14W Russell KS

Job Ticket: 26974

DST#: 4

Test Start: 2007.06.11 @ 23:42:25

GENERAL INFORMATION:

Formation: **Lansing G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:35

Time Test Ended: 02:56:15

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 23

Interval: **3112.00 ft (KB) To 3170.00 ft (KB) (TVD)**

Total Depth: 3365.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1844.00 ft (KB)

1836.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8289 Inside

Press@RunDepth: psig @ 3113.00 ft (KB)

Start Date: 2007.06.11

End Date:

2007.06.12

Start Time: 23:42:30

End Time:

02:56:15

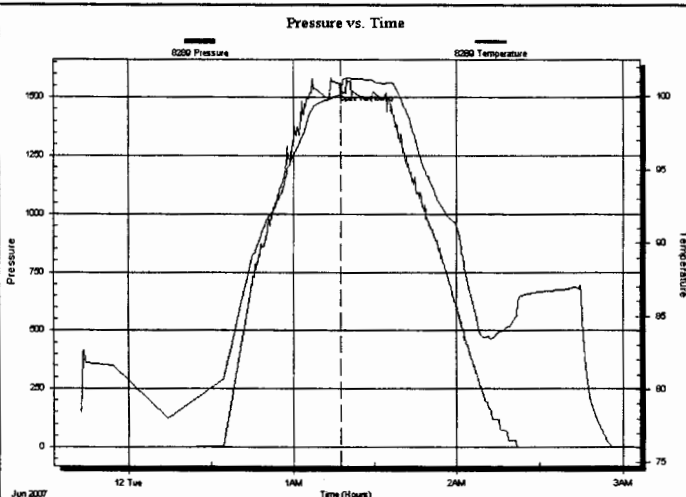
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Misrun Packer failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1476.39	100.10	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
255.00	30' in DC 225' in DP of Drilling Mud	3.29

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26974

DST#: 4

ATTN: Roger L. Fisher

Test Start: 2007.06.11 @ 23:42:25

Tool Information

Drill Pipe:	Length: 3069.00 ft	Diameter: 3.80 inches	Volume: 43.05 bbl	Tool Weight:	2100.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 43.20 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3112.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	257.00 ft				
Tool Length:	277.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3093.00	
Shut In Tool	5.00			3098.00	
Hydraulic tool	5.00			3103.00	
Packer	4.00			3107.00	20.00 Bottom Of Top Packer
Packer	5.00			3112.00	
Stubb	1.00			3113.00	
Recorder	0.00	8289	Inside	3113.00	
Perforations	3.00			3116.00	
Change Over Sub	1.00			3117.00	
Blank Spacing	31.00			3148.00	
Change Over Sub	1.00			3149.00	
Recorder	0.00	13789	Outside	3149.00	
Perforations	16.00			3165.00	
Blank Off Sub	1.00			3166.00	
travel collar	4.00			3170.00	
packer	5.00			3175.00	
Change Over Sub	1.00			3176.00	
Blank Spacing	190.00			3366.00	
Change Over Sub	1.00			3367.00	
Recorder	0.00	13222	Below	3367.00	
Bullnose	2.00			3369.00	257.00 Bottom Packers & Anchor
Total Tool Length:		277.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26974

DST#: 4

ATTN: Roger L. Fisher

Test Start: 2007.06.11 @ 23:42:25

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:

5000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
255.00	30' in DC 225' in DP of Drilling Mud	3.295

Total Length: 255.00 ft

Total Volume: 3.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

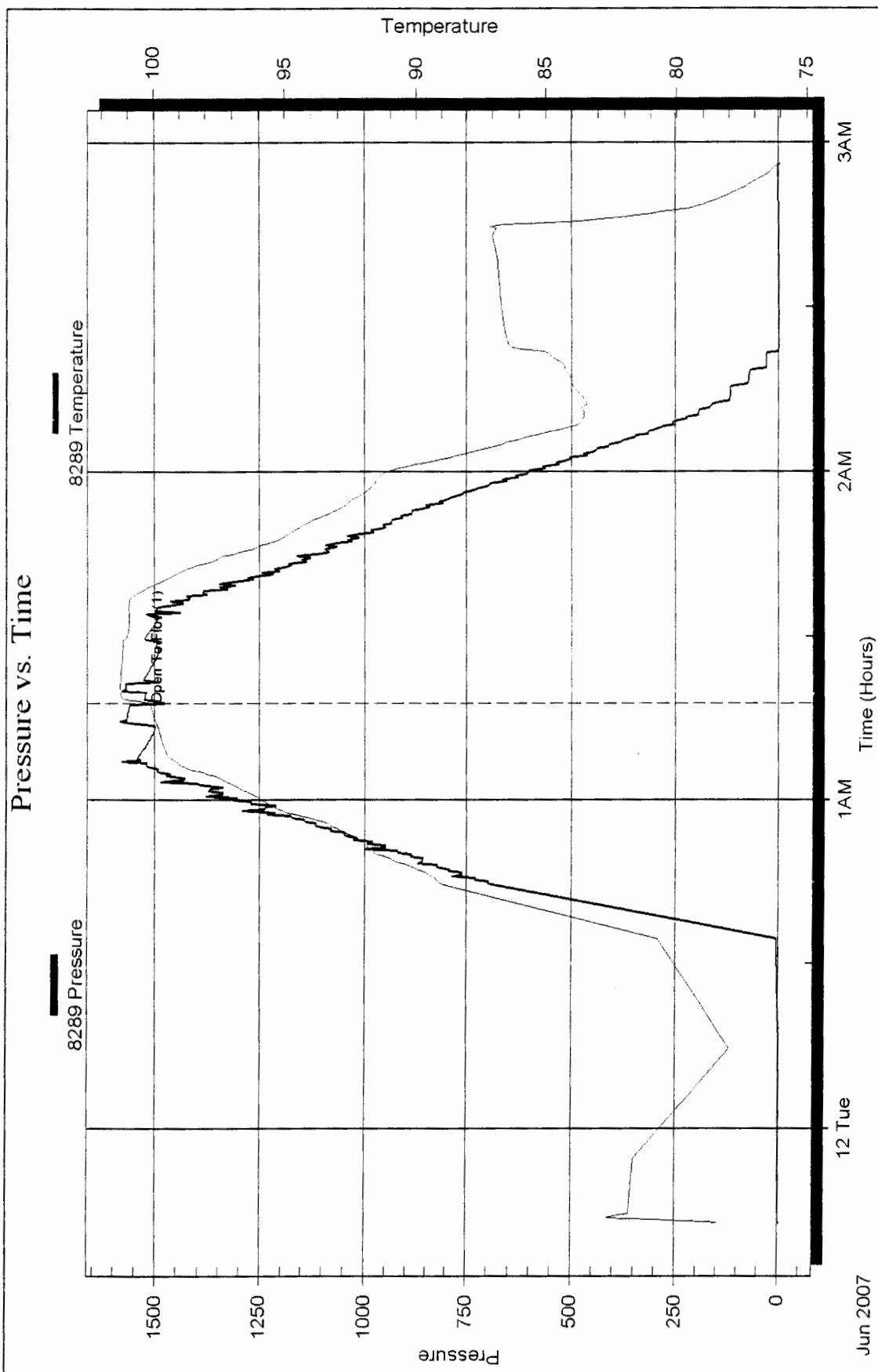
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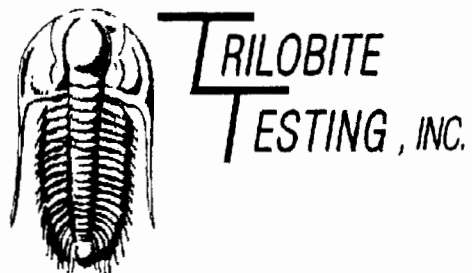
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Dreilling Oil Co Inc**

PO Box 550
Hays KS 67601

ATTN: Roger L. Fisher

29 15 14W Russell KS

Becker # 1

Start Date: 2007.06.12 @ 03:01:54

End Date: 2007.06.12 @ 09:39:54

Job Ticket #: 26975 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreilling Oil Co Inc

Becker # 1

29 15 14W Russell KS

DST # 5

Lansing G

2007.06.12



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26975

DST#: 5

ATTN: Roger L. Fisher

Test Start: 2007.06.12 @ 03:01:54

GENERAL INFORMATION:

Formation: **Lansing G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:24

Time Test Ended: 09:39:54

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 23

Interval: 3143.00 ft (KB) To 3171.00 ft (KB) (TVD)

Reference Elevations: 1844.00 ft (KB)

Total Depth: 3365.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 8289

Inside

Press@RunDepth: 510.64 psig @ 3144.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.06.12

End Date:

2007.06.12

Last Calib.: 2007.06.12

Start Time: 03:01:59

End Time:

09:39:53

Time On Btm: 2007.06.12 @ 04:26:04

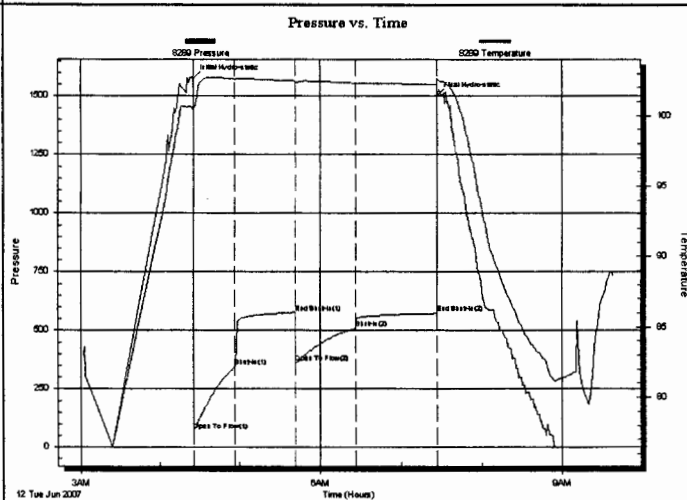
Time Off Btm: 2007.06.12 @ 07:27:04

TEST COMMENT: IF Strong blow BOB in 3 mins.

ISI Weak blow to 3/8 "

FF Strong blow BOB in 7 mins.

FSl Weak blow to 3/4 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1576.93	100.60	Initial Hydro-static
1	70.91	100.28	Open To Flow (1)
31	345.40	102.60	Shut-In (1)
76	577.47	102.46	End Shut-In (1)
76	360.48	102.32	Open To Flow (2)
121	510.64	102.32	Shut-In (2)
181	573.55	102.19	End Shut-In (2)
181	1503.66	102.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
550.00	OGCWM 1%O 5%G 34%W 60%M	7.44
628.00	WM 26%M 74%W	8.81

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26975

DST#: 5

ATTN: Roger L. Fisher

Test Start: 2007.06.12 @ 03:01:54

Tool Information

Drill Pipe: Length: 3099.00 ft Diameter: 3.80 inches Volume: 43.47 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 30.00 ft Diameter: 2.25 inches Volume: 0.15 bbl
Total Volume: 43.62 bbl
Drill Pipe Above KB: 6.00 ft
Depth to Top Packer: 3143.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 225.00 ft
Tool Length: 245.00 ft
Number of Packers: 3 Diameter: 6.75 inches
Tool Comments:

Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 62000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 50000.00 lb
Final 54000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3124.00	
Shut In Tool	5.00			3129.00	
Hydraulic tool	5.00			3134.00	
Packer	4.00			3138.00	20.00 Bottom Of Top Packer
Packer	5.00			3143.00	
Stubb	1.00			3144.00	
Recorder	0.00	8289	Inside	3144.00	
Perforations	3.00			3147.00	
Change Over Sub	1.00			3148.00	
Recorder	0.00	13789	Outside	3148.00	
Perforations	16.00			3164.00	
Blank Off Sub	1.00			3165.00	
travel collar	4.00			3169.00	
packer	5.00			3174.00	
Change Over Sub	1.00			3175.00	
Blank Spacing	190.00			3365.00	
Change Over Sub	1.00			3366.00	
Recorder	0.00	13222	Below	3366.00	
Bullnose	2.00			3368.00	225.00 Bottom Packers & Anchor

Total Tool Length: 245.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Co Inc

Becker # 1

PO Box 550
Hays KS 67601

29 15 14W Russell KS

Job Ticket: 26975

DST#: 5

ATTN: Roger L. Fisher

Test Start: 2007.06.12 @ 03:01:54

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:

89000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
550.00	OGCWM 1%O 5%G 34%W 60%M	7.442
628.00	WM 26%M 74%W	8.809

Total Length: 1178.00 ft

Total Volume: 16.251 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .08 OHMS@78

