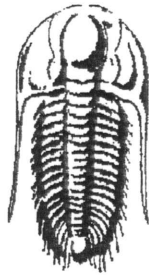


15-007-23016
27-34-15W



TRILOBITE
TESTING, INC.

KCC
JUL 24 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**
CONFIDENTIAL
PO Box 24080
Wichita KS 67208

ATTN: Jeff Burke

27 34S 15W Barber KS

Davis Ranch A#2-27

Start Date: 2006.05.08 @ 14:02:50

End Date: 2006.05.09 @ 01:40:50

Job Ticket #: 24059

DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 25 2006

CONSERVATION DIVISION
WICHITA, KS

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeff Burke

Davis Ranch A#2-27

27 34S 15W Barber KS

Job Ticket: 24059

DST#: 1

Test Start: 2006.05.08 @ 14:02:50

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 16:58:35

Time Test Ended: 01:40:50

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux/Adams

Unit No: 19

Interval: **4738.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1562.00 ft (KB)

1550.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6625

Inside

Press@RunDepth: 68.05 psig @ 4739.00 ft (KB)

Start Date: 2006.05.08

End Date: 2006.05.09

Capacity: 7000.00 psig

Last Calib.: 2006.05.09

Start Time: 14:02:51

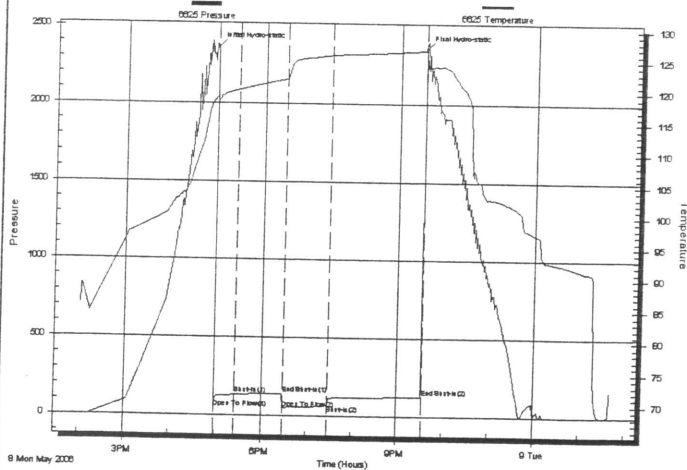
End Time: 01:40:50

Time On Btm: 2006.05.08 @ 16:58:20

Time Off Btm: 2006.05.08 @ 21:32:50

TEST COMMENT: IF Weak to fair erratic blow 3 in to 8 in
ISI No blow
FF Strong blow BOB In 1" GTS in 30" (see gas flow report)
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.18	119.07	Initial Hydro-static
1	42.21	118.58	Open To Flow (1)
29	130.26	120.36	Shut-In (1)
91	141.00	122.05	End Shut-In (1)
91	44.50	122.04	Open To Flow (2)
151	68.05	125.89	Shut-In (2)
274	123.44	126.70	End Shut-In (2)
275	2355.41	127.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	GCM 8%G 92%M	0.47

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.25	16.00	48.23
Max. Gas Rate	0.25	16.00	48.23



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeff Burke

Davis Ranch A#2-27

27 34S 15W Barber KS

Job Ticket: 24059

DST#: 1

Test Start: 2006.05.08 @ 14:02:50

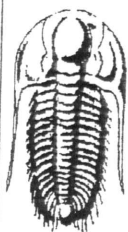
Tool Information

Drill Pipe:	Length: 4127.00 ft	Diameter: 3.80 inches	Volume: 57.89 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:	20000.00 lb
Drill Collar:	Length: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose:	106000.0 lb
			Total Volume: 60.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	85000.00 lb
Depth to Top Packer:	4738.00 ft			Final	85000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.00 ft				
Tool Length:	100.00 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			4715.00	
Hydraulic tool	5.00			4720.00	
Jars	5.00			4725.00	
Safety Joint	3.00			4728.00	
Packer	5.00			4733.00	28.00 Bottom Of Top Packer
Packer	5.00			4738.00	
Stubb	1.00			4739.00	
Recorder	0.00	6625	Inside	4739.00	
Perforations	5.00			4744.00	
Change Over Sub	1.00			4745.00	
Blank Spacing	61.00			4806.00	
Change Over Sub	1.00			4807.00	
Recorder	0.00	13255	Outside	4807.00	
Bullnose	3.00			4810.00	72.00 Bottom Packers & Anchor

Total Tool Length: 100.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Davis Ranch A#2-27

PO Box 20380
Wichita KS 67208

27-34S 15W Barber KS

Job Ticket: 24059

DST#: 1

ATTN: Jeff Burke

Test Start: 2006.05.08 @ 14:02:50

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:

4000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 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
95.00	GCM 8%G 92%M	0.467

Total Length: 95.00 ft

Total Volume: 0.467 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GP-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Berexco Inc

Davis Ranch A#2-27

PO Box 20380
Wichita KS 67208

27 34S 15W Barber KS

Job Ticket: 24059

DST#: 1

ATTN: Jeff Burke

Test Start: 2006.05.08 @ 14:02:50

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	40	0.25	6.00	32.36
2	50	0.25	12.00	41.88
2	60	0.25	16.00	48.23

Serial #: 6625

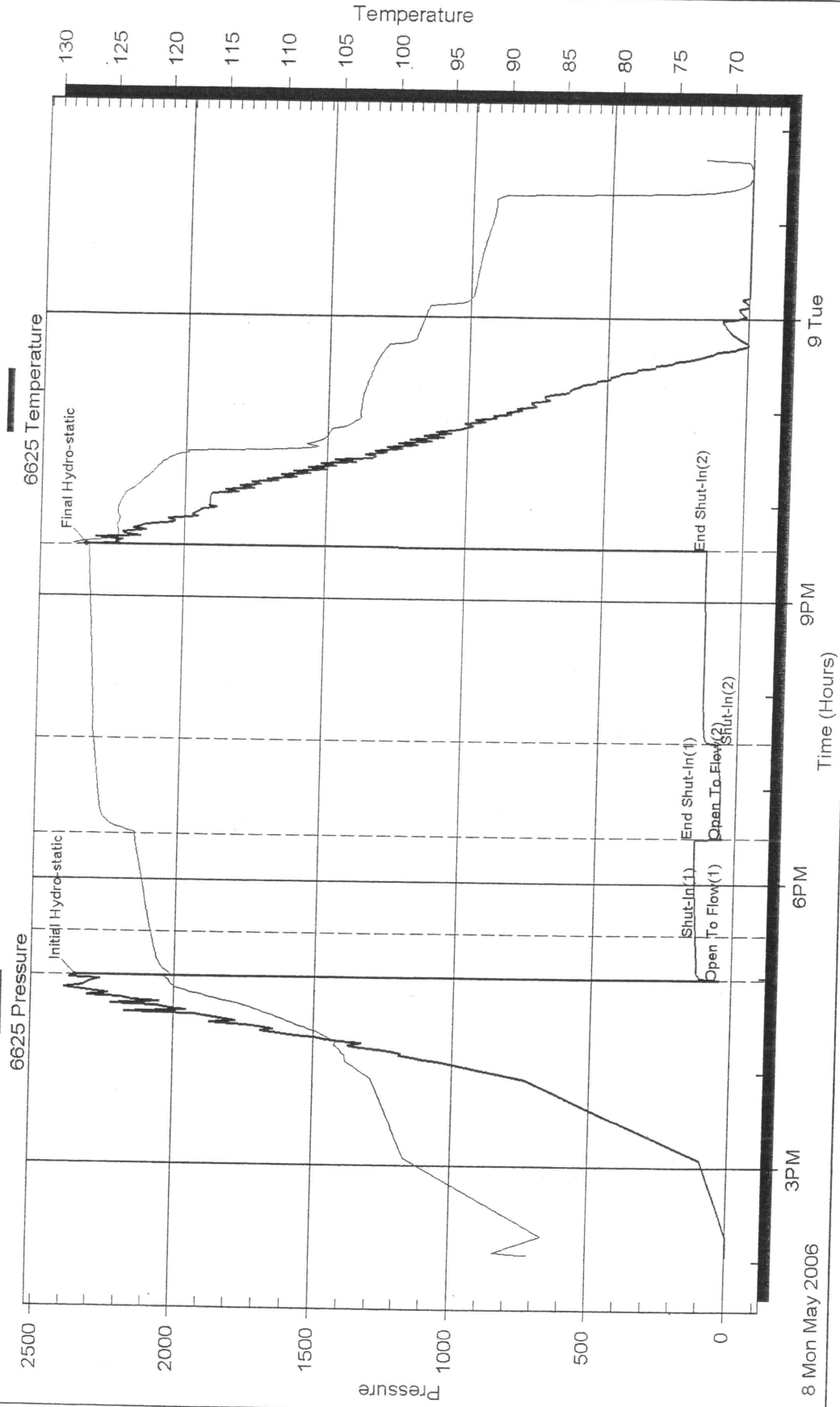
Inside

Berexco Inc

27 34S 15W Barber KS

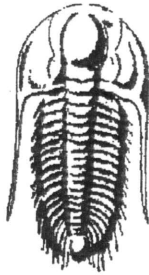
DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 24059



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Jeff Burke

27 34S 15W Barber KS

Davis Ranch A#2-27

Start Date: 2006.05.09 @ 13:05:32

End Date: 2006.05.09 @ 22:16:32

Job Ticket #: 24060 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc

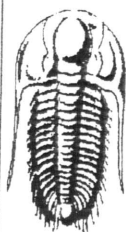
Davis Ranch A#2-27

27 34S 15W Barber KS

DST # 2

Mississippi

2006.05.09



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeff Burke

Davis Ranch A#2-27

27 34S 15W Barber KS

Job Ticket: 24060

DST#: 2

Test Start: 2006.05.09 @ 13:05:32

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:54:47

Time Test Ended: 22:16:32

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux/Adams

Unit No: 19

Interval: **4810.00 ft (KB) To 4830.00 ft (KB) (TVD)**

Total Depth: 4830.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1562.00 ft (KB)

1550.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6625

Inside

Press@RunDepth: 18.41 psig @ 4811.00 ft (KB)

Start Date: 2006.05.09 End Date: 2006.05.09

Start Time: 13:05:33 End Time: 22:16:32

Capacity: 7000.00 psig

Last Calib.: 2006.05.09

Time On Btm: 2006.05.09 @ 15:54:32

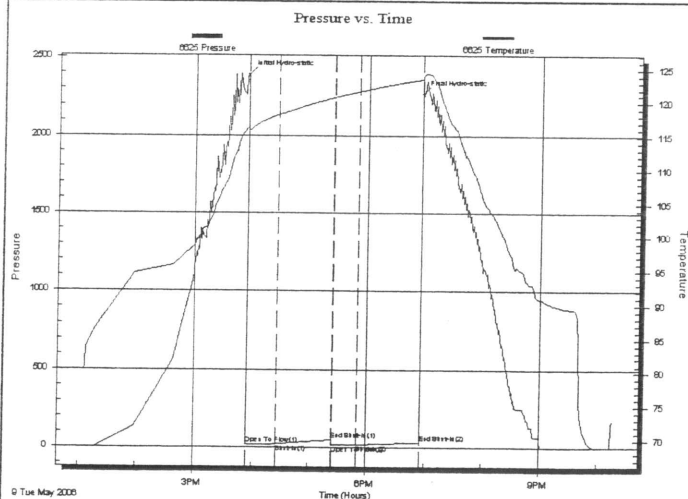
Time Off Btm: 2006.05.09 @ 18:55:47

TEST COMMENT: IF Weak surf blow Dead in 15"

ISI No blow

FF Weak surf blow Dead in 4"

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2387.08	116.40	Initial Hydro-static
1	18.26	115.88	Open To Flow (1)
32	21.98	118.28	Shut-In(1)
90	50.07	120.79	End Shut-In(1)
90	16.18	120.80	Open To Flow (2)
116	18.41	121.68	Shut-In(2)
181	33.87	123.54	End Shut-In(2)
182	2262.65	123.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	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

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeff Burke

Davis Ranch A#2-27

27 34S 15W Barber KS

Job Ticket: 24060

DST#: 2

Test Start: 2006.05.09 @ 13:05:32

Tool Information

Drill Pipe:	Length: 4218.00 ft	Diameter: 3.80 inches	Volume: 59.17 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: 20000.00 lb
Drill Collar:	Length: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 125000.0 lb
		Total Volume: 62.07 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 92000.00 lb
Depth to Top Packer:	4810.00 ft			Final 92000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4787.00	
Hydraulic tool	5.00			4792.00	
Jars	5.00			4797.00	
Safety Joint	3.00			4800.00	
Packer	5.00			4805.00	28.00 Bottom Of Top Packer
Packer	5.00			4810.00	
Stubb	1.00			4811.00	
Recorder	0.00	6625	Inside	4811.00	
Perforations	16.00			4827.00	
Recorder	0.00	13255	Outside	4827.00	
Bullnose	3.00			4830.00	20.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Davis Ranch A#2-27

PO Box 20380
Wichita KS 67208

27 34S 15W Barber KS

Job Ticket: 24060

DST#: 2

ATTN: Jeff Burke

Test Start: 2006.05.09 @ 13:05:32

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:

4000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 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
10.00	DM	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Berexco Inc

Davis Ranch A#2-27

PO Box 20380
Wichita KS 67208

27 34S 15W Barber KS

Job Ticket: 24060

DST#:2

ATTN: Jeff Burke

Test Start: 2006.05.09 @ 13:05:32

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
		0.00	0.00	0.00

Serial #: 6625

Inside Berexco Inc

27 34S 15W Barber KS

DST Test Number: 2

Pressure vs. Time

