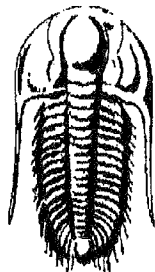


26-16s-21w

15-135-24877-00-00

16s



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

PO Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

26-16-21 Ness Ks 26-16s-21w

Billie # 1

Start Date: 2009.01.26 @ 15:05:53

End Date: 2009.01.27 @ 03:00:53

Job Ticket #: 34372 DST #: 1

SW SE NE NW
1130 FNL 2160 FWL

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 12 2009

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Castle Resources Inc

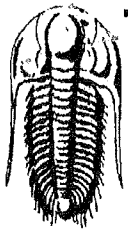
Billie # 1

26 16 21 Ness Ks

DST # 1

Cher Sd

2009.01.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc
 PO Box 87
 Schoenchen, KS 67667
 ATTN: Jerry Green

Billie # 1
26 16 21 Ness Ks
 Job Ticket: 34372 **DST#: 1**
 Test Start: 2009.01.26 @ 15:05:53

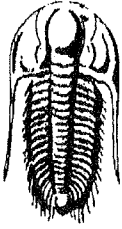
Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4090.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	64.00 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			4062.00	
Shut In Tool	5.00			4067.00	
Hydraulic tool	5.00			4072.00	
Jars	5.00			4077.00	
Safety Joint	3.00			4080.00	
Packer	5.00			4085.00	29.00 Bottom Of Top Packer
Packer	5.00			4090.00	
Stubb	1.00			4091.00	
Recorder	0.00	8372	Inside	4091.00	
Recorder	0.00	8368	Outside	4091.00	
Perforations	31.00			4122.00	
Bullnose	3.00			4125.00	35.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

Billie # 1

PO Box 87
Schoenchen, KS 67667

26 16 21 Ness Ks

Job Ticket: 34372

DST#: 1

ATTN: Jerry Green

Test Start: 2009.01.26 @ 15:05:53

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2500.00	Mud	33.939

Total Length: 2500.00 ft

Total Volume: 33.939 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

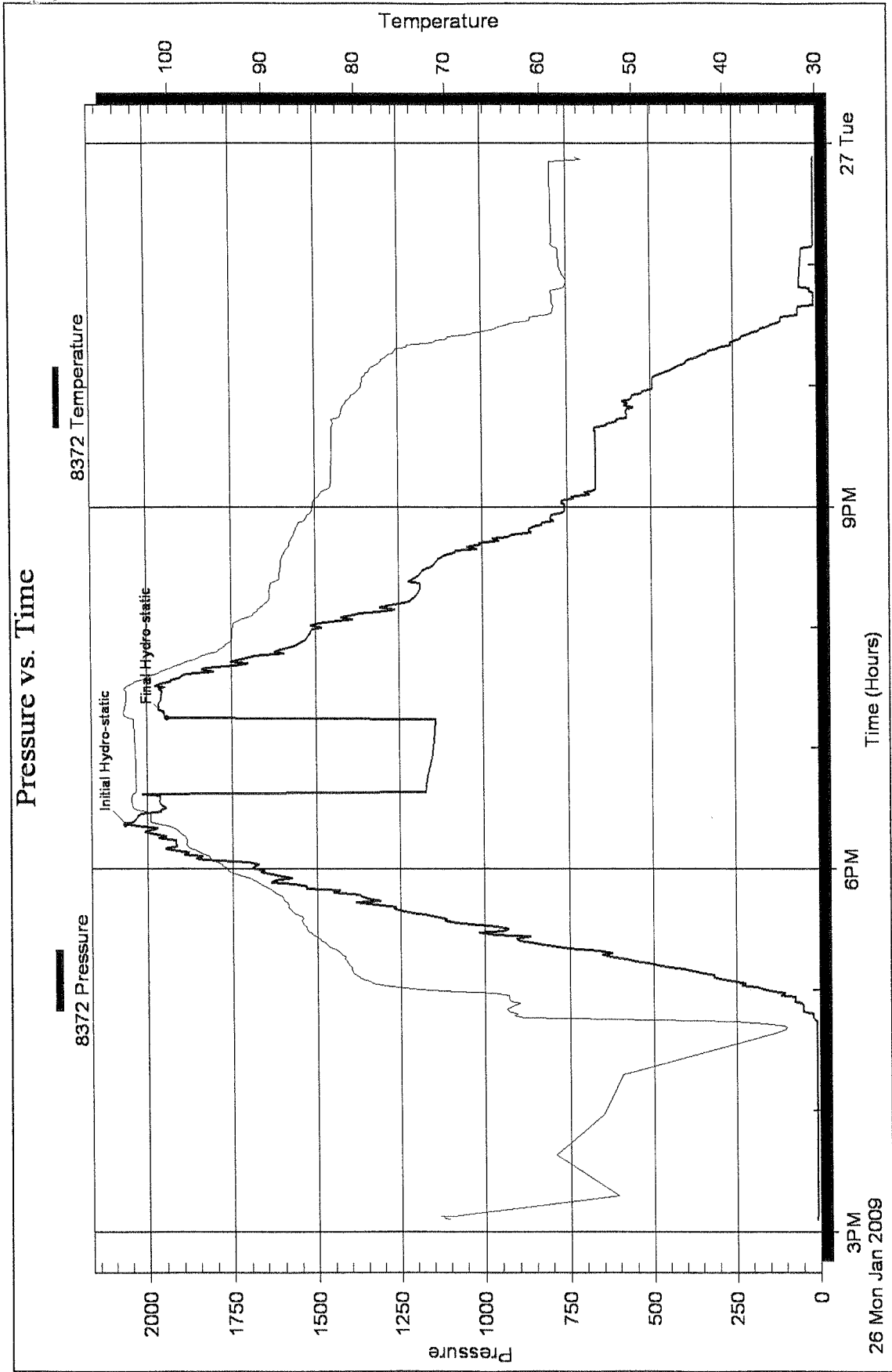
Serial #:

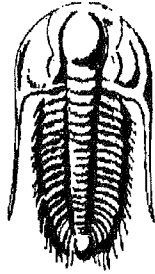
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

PO Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

26 16 21 Ness Ks

Billie # 1

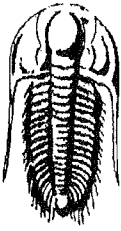
Start Date: 2009.01.27 @ 03:16:24

End Date: 2009.01.27 @ 09:53:24

Job Ticket #: 34373 DST #: 2

Trilobite Testing, Inc

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Castle Resources Inc
PO Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

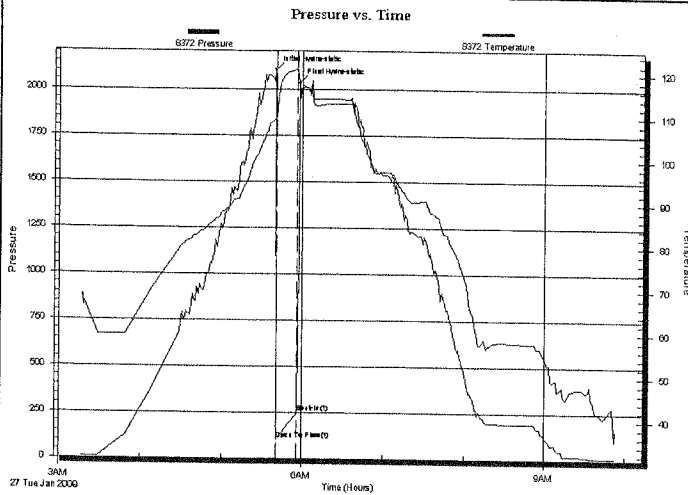
Billie # 1
26 16 21 Ness Ks
Job Ticket: 34373 **DST#: 2**
Test Start: 2009.01.27 @ 03:16:24

GENERAL INFORMATION:

Formation: **Cher Sd**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:40:54
Time Test Ended: 09:53:24
Interval: **4090.00 ft (KB) To 4125.00 ft (KB) (TVD)**
Total Depth: 4125.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38
Reference Elevations: 2246.00 ft (KB)
2241.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8372 **Inside**
Press@RunDepth: psig @ 4091.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.01.27 End Date: 2009.01.27 Last Calib.: 2009.01.27
Start Time: 03:16:25 End Time: 09:53:24 Time On Btm: 2009.01.27 @ 05:39:54
Time Off Btm: 2009.01.27 @ 05:57:54

TEST COMMENT: IF-Strong B-B in 3 min



PRESSURE SUMMARY

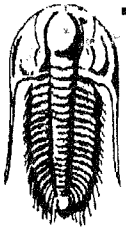
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.28	109.78	Initial Hydro-static
1	102.39	110.00	Open To Flow (1)
17	247.11	121.25	Shut-In(1)
18	2033.84	116.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
468.00	Wtr	5.44
2.00	CO	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc
PO Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

Billie # 1
26 16 21 Ness Ks
Job Ticket: 34373 **DST#: 2**
Test Start: 2009.01.27 @ 03:16:24

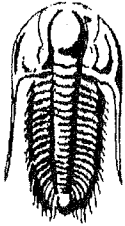
Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 56.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4090.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	64.00 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			4062.00	
Shut In Tool	5.00			4067.00	
Hydraulic tool	5.00			4072.00	
Jars	5.00			4077.00	
Safety Joint	3.00			4080.00	
Packer	5.00			4085.00	29.00 Bottom Of Top Packer
Packer	5.00			4090.00	
Stubb	1.00			4091.00	
Recorder	0.00	8372	Inside	4091.00	
Recorder	0.00	8368	Outside	4091.00	
Perforations	31.00			4122.00	
Bullnose	3.00			4125.00	35.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

Billie # 1

PO Box 87
Schoenchen, KS 67667

26 16 21 Ness Ks

ATTN: Jerry Green

Job Ticket: 34373

DST#: 2

Test Start: 2009.01.27 @ 03:16:24

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
468.00	Wtr	5.435
2.00	CO	0.028

Total Length: 470.00 ft

Total Volume: 5.463 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

