

23-14s-17w

15-051-25539

Castle Resources Inc

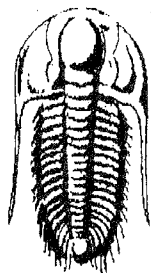
J & A #2

23 14S 17W Ellis KS

DST # 1

LKC J-I, & Arbuckle

2006.06.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

P O Box 87
Schoenchen KS 67667

ATTN: Jerry Green

23 14S 17W Ellis KS

J & A #2

Start Date: 2006.06.08 @ 22:22:16

End Date: 2006.06.09 @ 05:32:45

Job Ticket #: 25335 DST #: 1

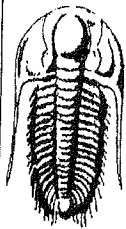
15-051-25539-00-00
NW NE SE NE

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources Inc
P O Box 87
Schoenchen KS 67667
ATTN: Jerry Green

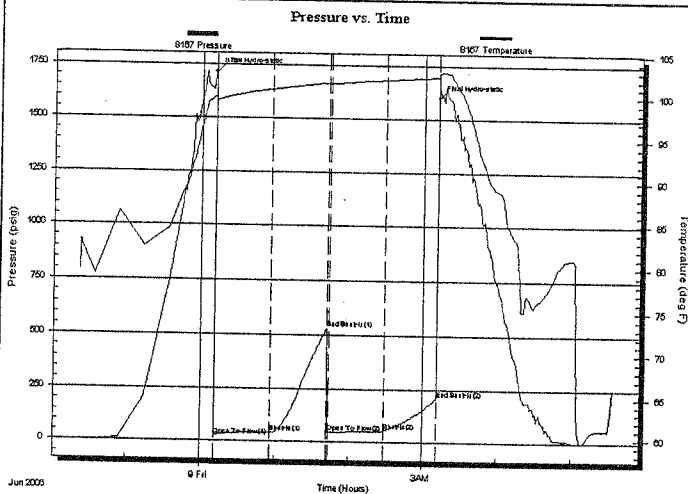
J & A #2
23 14S 17W Ellis KS
Job Ticket: 25335 **DST#: 1**
Test Start: 2006.06.08 @ 22:22:16

GENERAL INFORMATION:

Formation: **LKC J-I, & Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:11:45
Time Test Ended: 05:32:45
Interval: **3377.00 ft (KB) To 3491.00 ft (KB) (TVD)**
Total Depth: 3551.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Poor
Test Type: Conventional Straddle
Tester: Ray Schwager
Unit No: 28
Reference Elevations: 1966.00 ft (KB)
1959.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8167 Inside
Press@RunDepth: 56.30 psig @ 3389.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.06.08 End Date: 2006.06.09 Last Calib.: 2006.06.09
Start Time: 22:22:16 End Time: 05:32:45 Time On Btm: 2006.06.09 @ 00:11:15
Time Off Btm: 2006.06.09 @ 03:11:15

TEST COMMENT: IFP Wk bl thru-out 1/2 in to 1 1/2 in bl
FFP Wk bl thru-out 1 in bl
Times 45 45 45 45



PRESSURE SUMMARY

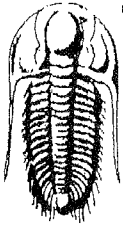
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.39	99.83	Initial Hydro-static
1	24.12	99.33	Open To Flow (1)
46	41.91	100.87	Shut-In(1)
91	530.81	101.68	End Shut-In(1)
92	46.92	101.57	Open To Flow(2)
138	56.30	102.05	Shut-In(2)
180	211.00	102.42	End Shut-In(2)
180	1598.83	102.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 10%O 90%M	0.30
0.00	60' GIP	0.00

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc

J & A #2

P O Box 87
Schoenchen KS 67667

23 14S 17W Ellis KS

Job Ticket: 25335

DST#: 1

ATTN: Jerry Green

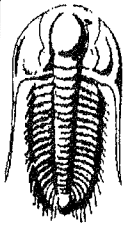
Test Start: 2006.06.08 @ 22:22:16

Tool Information

Drill Pipe:	Length: 2894.00 ft	Diameter: 3.80 inches	Volume: 40.60 bbl	Tool Weight: 2200.00 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: 480.00 ft	Diameter: 2.25 inches	Volume: 2.36 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 42.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3377.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3491.02 ft			
Interval between Packers:	114.02 ft			
Tool Length:	199.03 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			3357.00	
Shut In Tool	5.00			3362.00	
Hydraulic tool	5.00			3367.00	
Packer	5.00			3372.00	21.00 Bottom Of Top Packer
Packer	5.00			3377.00	
Stubb	1.00			3378.00	
Perforations	11.00			3389.00	
Recorder	0.01	8167	Inside	3389.01	
Blank Spacing	93.00			3482.01	
Recorder	0.01			3482.02	
Perforations	5.00			3487.02	
Blank Off Sub	1.00			3488.02	
Blank Spacing	3.00			3491.02	114.02 Tool Interval
Packer	5.00			3496.02	
Stubb	1.00			3497.02	
Perforations	23.00			3520.02	
Recorder	0.01	13547	Below	3520.03	
Blank Spacing	32.00			3552.03	
Bullnose	3.00			3555.03	64.01 Bottom Packers & Anchor
Total Tool Length:	199.03				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

J & A #2

P O Box 87
Schoenchen KS 67667

23 14S 17W Ellis KS

Job Ticket: 25335

DST#: 1

ATTN: Jerry Green

Test Start: 2006.06.08 @ 22:22:16

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 10%O 90%M	0.295
0.00	60' GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

