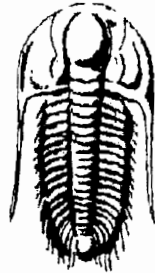


15-051-25586

22-12S-20W
SW NE NE



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Castle Resource Inc**

PO Box 87
Schoenchen KS 67667

ATTN: Jerry Green

22 12S 20W Ellis KS

Armbrister #1

Start Date: 2006.11.28 @ 13:43:24

End Date: 2006.11.29 @ 01:31:54

Job Ticket #: 27408 DST #: 1

~~15-051-24531~~
~~NE SW SE~~
~~990 FSL 1650 FEL~~

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 13 2007

CONFIDENTIAL
7-1-07-05

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Castle Resource Inc

Armbrister #1

22 12S 20W Ellis KS

DST # 1

Marmaton

2006.11.28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Castle Resource Inc
PO Box 87
Schoenchen KS 67667

ATTN: Jerry Green

Armbrister #1
22 12S 20W Ellis KS
Job Ticket: 27408 **DST#: 1**
Test Start: 2006.11.28 @ 13:43:24

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:21:44
Time Test Ended: 01:31:54

Interval: **3877.00 ft (KB) To 3900.00 ft (KB) (TVD)**
Total Depth: 3973.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

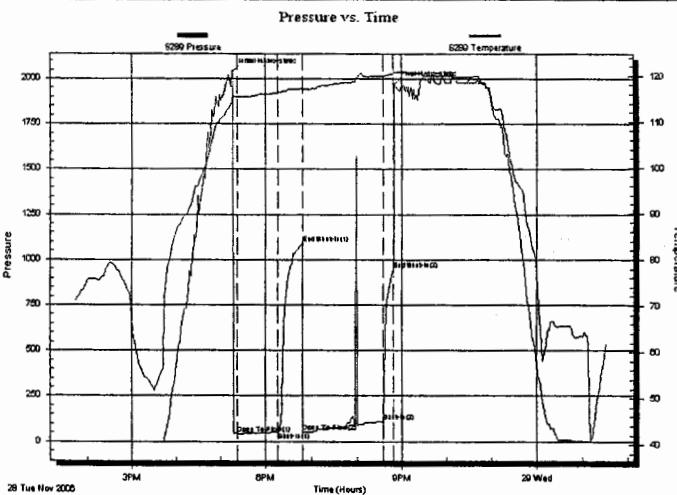
Test Type: Conventional Straddle
Tester: Tyson Flax
Unit No: 21

Reference Elevations: 2262.00 ft (KB)
2257.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8289 Inside
Press@RunDepth: 108.25 psig @ 3878.00 ft (KB)
Start Date: 2006.11.28 End Date: 2006.11.29
Start Time: 13:43:29 End Time: 01:31:54

Capacity: 7000.00 psig
Last Calib.: 2006.11.29
Time On Btm: 2006.11.28 @ 17:16:04
Time Off Btm: 2006.11.28 @ 20:49:14

TEST COMMENT: IFP Weak surface blow built to 1.5 "
ISI No blow back
FFP No blow for 10 min flushed tool-weak surface built to 2 " in 60 min flushed tool- blow built to 5 " in 30 min
FSI No blow back TIME 60 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.73	116.30	Initial Hydro-static
6	42.58	115.35	Open To Flow (1)
60	49.87	116.38	Shut-In(1)
92	1087.14	117.15	End Shut-In(1)
92	53.16	116.79	Open To Flow (2)
199	108.25	119.90	Shut-In(2)
213	947.03	120.40	End Shut-In(2)
214	1968.30	120.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Free Oil	0.07
180.00	SOQM 10%O 90%M	2.42

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resource Inc

Armbrister #1

PO Box 87
Schoenchen KS 67667

22 12S 20W Ellis KS

Job Ticket: 27408

DST#: 1

ATTN: Jerry Green

Test Start: 2006.11.28 @ 13:43:24

Tool Information

Drill Pipe:	Length: 3867.00 ft	Diameter: 3.72 inches	Volume: 51.98 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 51.98 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3877.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3900.00 ft			
Interval between Packers:	23.00 ft			
Tool Length:	119.00 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			3857.00	
Shut In Tool	5.00			3862.00	
Hydraulic tool	5.00			3867.00	
Packer	5.00			3872.00	21.00 Bottom Of Top Packer
Packer	5.00			3877.00	
Stubb	1.00			3878.00	
Recorder	0.00	8289	Inside	3878.00	
Perforations	19.00			3897.00	
Recorder	0.00	13401	Inside	3897.00	
Blank Off Sub	1.00			3898.00	
Stubb	2.00			3900.00	23.00 Tool Interval
Packer	2.00			3902.00	
Stubb	1.00			3903.00	
Perforations	4.00			3907.00	
Change Over Sub	1.00			3908.00	
Blank Spacing	63.00			3971.00	
Change Over Sub	1.00			3972.00	
Recorder	0.00	3351	Outside	3972.00	
Bullnose	3.00			3975.00	75.00 Bottom Packers & Anchor
Total Tool Length:		119.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resource Inc

Armbrister #1

PO Box 87
Schoenchen KS 67667

22 12S 20W Ellis KS

Job Ticket: 27408

DST#: 1

ATTN: Jerry Green

Test Start: 2006.11.28 @ 13:43:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Free Oil	0.067
180.00	SOQM 10%O 90%M	2.420

Total Length: 185.00 ft

Total Volume: 2.487 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

