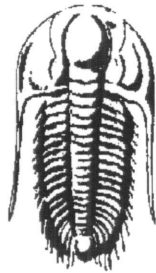


22-32-10^W KGS ✓

15-007-23326-0000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **AGV Corp**

PO Box 377
Attica KS 67009

ATTN: Kent Roberts

22 32 10 Barber KS

Queal #08

Start Date: 2008.10.12 @ 04:39:47

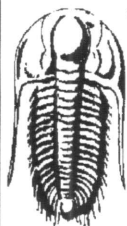
End Date: 2008.10.12 @ 13:26:47

Job Ticket #: 33016 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

AGV Corp

PO Box 377
Attica KS 67009

ATTN: Kent Roberts

Queal #08

22 32 10 Barber KS

Job Ticket: 33016

DST#: 1

Test Start: 2008.10.12 @ 04:39:47

GENERAL INFORMATION:

Formation: **Viola**

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

Time Tool Opened: 08:53:02

Time Test Ended: 13:26:47

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **4689.00 ft (KB) To 4708.00 ft (KB) (TVD)**

Total Depth: 4708.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1456.00 ft (KB)

1450.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8370

Inside

Press@RunDepth: 19.58 psig @ 4690.00 ft (KB)

Start Date: 2008.10.12

End Date: 2008.10.12

Start Time: 04:39:52

End Time: 13:26:47

Capacity: 7000.00 psig

Last Calib.: 2008.10.12

Time On Btm: 2008.10.12 @ 08:52:47

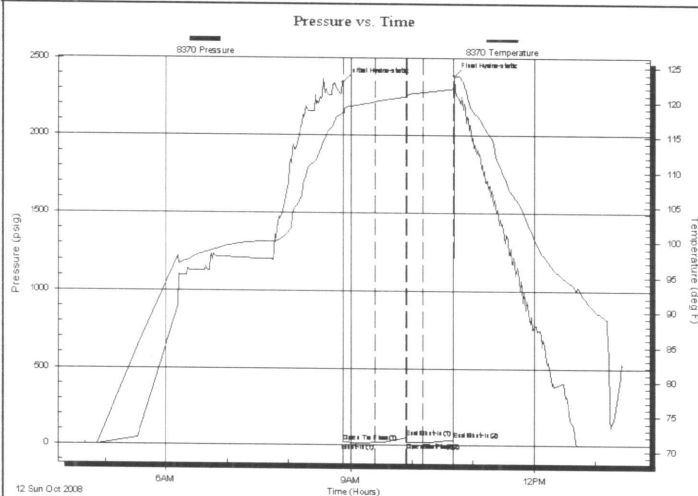
Time Off Btm: 2008.10.12 @ 10:40:47

TEST COMMENT: IF Weak surface blow. No more than 1/4". (died off at 15 min.)

ISI No blow.

FF No blow.

FSI No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.65	118.37	Initial Hydro-static
1	22.17	117.73	Open To Flow (1)
31	17.95	120.12	Shut-In (1)
61	50.27	120.88	End Shut-In (1)
62	20.02	120.91	Open To Flow (2)
77	19.58	121.46	Shut-In (2)
107	36.74	122.01	End Shut-In (2)
108	2387.61	123.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	drlg. mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

AGV Corp

Queal #08

PO Box 377
Attica KS 67009

22 32 10 Barber KS

Job Ticket: 33016

DST#: 1

ATTN: Kent Roberts

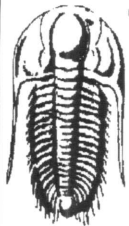
Test Start: 2008.10.12 @ 04:39:47

Tool Information

Drill Pipe:	Length: 4437.00 ft	Diameter: 3.80 inches	Volume: 62.24 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: 259.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose:	74000.00 lb
		Total Volume:	63.51 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4689.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4670.00	
Shut In Tool	5.00			4675.00	
Hydraulic tool	5.00			4680.00	
Packer	4.00			4684.00	20.00 Bottom Of Top Packer
Packer	5.00			4689.00	
Stubb	1.00			4690.00	
Recorder	0.00	8370	Inside	4690.00	
Recorder	0.00	8289	Inside	4690.00	
Perforations	13.00			4703.00	
Bullnose	5.00			4708.00	19.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

AGV Corp

Queal #08

PO Box 377
Attica KS 67009

22 32 10 Barber KS

Job Ticket: 33016

DST#: 1

ATTN: Kent Roberts

Test Start: 2008.10.12 @ 04:39:47

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 8500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	drilg. mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

