

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Grand Mesa Operating
1700 N Waterfront PKWY
BLDG 600
Wichita KS 67206
ATTN: Kent Matson

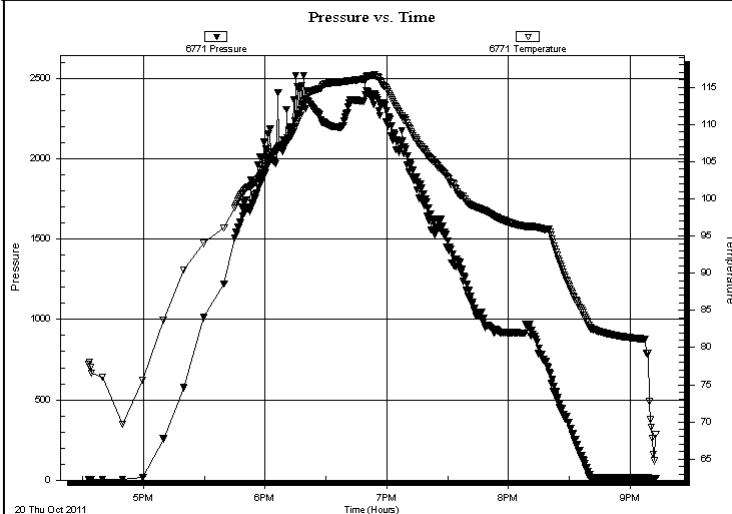
21-16-33 Scott Co
K-R-K - # 1-21
Job Ticket: 45456 **DST#: 3**
Test Start: 2011.10.20 @ 16:33:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: Tester: Shane McBride
Time Test Ended: 21:12:30 Unit No: 55
Interval: 4772.00 ft (KB) To 4850.00 ft (KB) (TVD) Reference Elevations: 3076.00 ft (KB)
Total Depth: 4850.00 ft (KB) (TVD) 3065.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6771 Outside
Press @ Run Depth: psig @ 4773.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.10.20 End Date: 2011.10.20 Last Calib.: 2011.10.20
Start Time: 16:33:00 End Time: 21:12:30 Time On Btm: Time Off Btm:

TEST COMMENT: Mis-Run Hole in Pipe on Bottm of Stand 39



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
1674.00	Mud 100% m	21.34

* Recovery from multiple tests

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.75 in³

Resistivity: ohm.m

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1674.00	Mud 100%m	21.341

Total Length: 1674.00 ft Total Volume: 21.341 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

Outside Grand Mesa Operating

K-R-K - #1-21

DST Test Number: 3

