



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Grand Mesa Operating Company

Hess-Christy 1-34

1700 N Waterfront PKWY
BLDG 600 Wichita KS
67206-5514
ATTN: Bob Schreiber

34-13-32

Job Ticket: 042133

DST#: 2

Test Start: 2011.09.12 @ 13:30:00

GENERAL INFORMATION:

Formation: **Kansas City "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:25:30

Time Test Ended: 18:59:45

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

Interval: 4216.00 ft (KB) To 4250.00 ft (KB) (TVD)

Reference Elevations: 2929.00 ft (KB)

Total Depth: 4250.00 ft (KB) (TVD)

2924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press @ RunDepth: 50.29 psig @ 4217.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.12

End Date:

2011.09.12

Last Calib.:

2011.09.12

Start Time: 13:30:01

End Time:

18:59:45

Time On Btm:

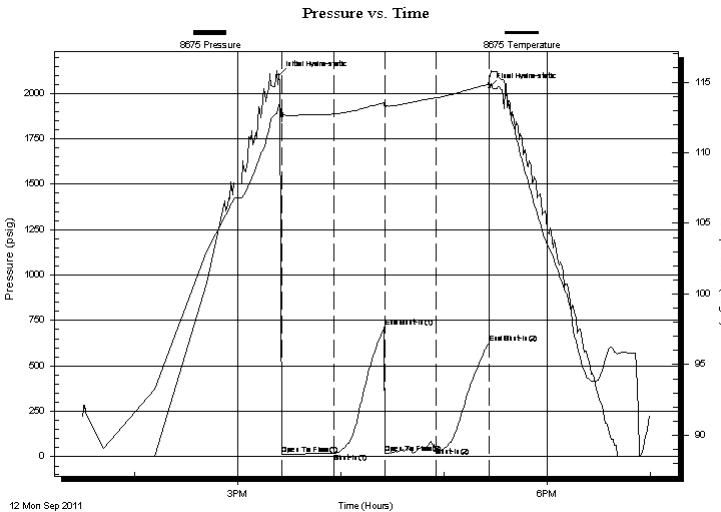
2011.09.12 @ 15:24:00

Time Off Btm:

2011.09.12 @ 17:26:15

TEST COMMENT: Weak surface blow
No return blow
Very weak surface blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.48	113.31	Initial Hydro-static
2	13.97	112.22	Open To Flow (1)
32	16.95	112.75	Shut-In(1)
62	714.68	113.54	End Shut-In(1)
62	17.38	113.09	Open To Flow (2)
92	50.29	113.90	Shut-In(2)
122	625.36	114.83	End Shut-In(2)
123	2031.66	115.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100%M	0.02

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

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m 100%M	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:

