



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating Co.  
 1700 N. Waterfront Pkwy  
 Bldg 600  
 Wichita, Ks 67206  
 ATTN: John Goldsmith

**4 16s 32w Scott, Ks**

**Hoeme 1-4**

Job Ticket: 44517

**DST#: 1**

Test Start: 2012.03.16 @ 09:05:00

## GENERAL INFORMATION:

Formation: **LKC 'C'**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:03:30  
 Time Test Ended: 16:17:15  
 Interval: **4012.00 ft (KB) To 4052.00 ft (KB) (TVD)**  
 Total Depth: 4052.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Bradley  
 Unit No: Walter  
 Reference Elevations: 3004.00 ft (KB)  
 2999.00 ft (CF)  
 KB to GR/CF: 5.00 ft

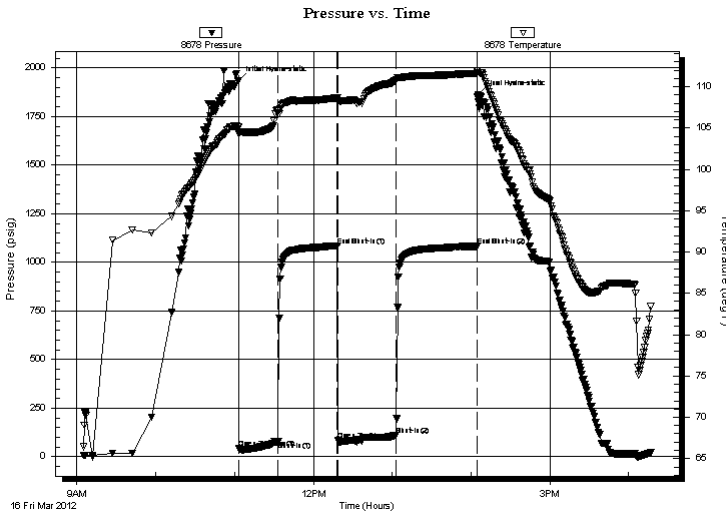
## Serial #: 8678

Inside

Press @ Run Depth: 110.61 psig @ 4013.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.03.16 End Date: 2012.03.16 Last Calib.: 2012.03.16  
 Start Time: 09:05:05 End Time: 16:17:14 Time On Btm: 2012.03.16 @ 11:03:00  
 Time Off Btm: 2012.03.16 @ 14:05:15

TEST COMMENT: IF: 3" blow.  
 IS: No return.  
 FF: 4 1/2 " blow.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.65	105.08	Initial Hydro-static
1	41.72	104.58	Open To Flow (1)
31	80.11	107.16	Shut-In(1)
76	1084.24	108.62	End Shut-In(1)
76	82.62	108.22	Open To Flow (2)
120	110.61	110.81	Shut-In(2)
182	1082.70	111.62	End Shut-In(2)
183	1861.28	111.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
170.00	ocm 98m 2o (6" oil on top)	1.10

## Gas Rates

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



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	ocm 98m 2o (6" oil on top)	1.098

Total Length: 170.00 ft      Total Volume: 1.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

