



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Gand Mesa Operating  
1700 N Waterfront PKWY BLDG 600  
Wichita, Ks 67206  
ATTN: Bob Schreiber

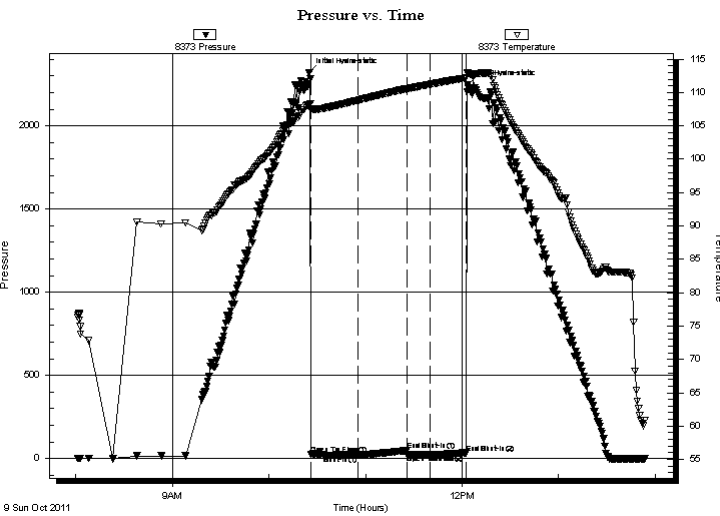
**15-16-33 Scott, KS**  
**Doornbos 1-15**  
Job Ticket: 43842      **DST#: 6**  
Test Start: 2011.10.09 @ 08:01:02

## GENERAL INFORMATION:

Formation: **Atoka**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:26:12  
Time Test Ended: 13:53:26  
Interval: **4621.00 ft (KB) To 4669.00 ft (KB) (TVD)**  
Total Depth: 4669.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 35  
Reference Elevations: 3043.00 ft (KB)  
3038.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8373      Inside**  
Press @ Run Depth: 22.51 psig @ 4622.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.10.09      End Date: 2011.10.09      Last Calib.: 2011.10.09  
Start Time: 08:01:02      End Time: 13:53:26      Time On Btm: 2011.10.09 @ 10:24:57  
Time Off Btm: 2011.10.09 @ 12:03:27

**TEST COMMENT:** IF: Surface blow died in 6 min.  
IS: No return.  
FF: No blow.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2321.86	108.20	Initial Hydro-static
2	26.14	107.41	Open To Flow (1)
31	20.49	108.84	Shut-In(1)
61	48.84	110.57	End Shut-In(1)
61	23.13	110.56	Open To Flow (2)
76	22.51	111.24	Shut-In(2)
98	34.02	112.21	End Shut-In(2)
99	2248.99	112.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100%m	0.02

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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**Doornbos 1-15**

Job Ticket: 43842

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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: 55.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud oil spots 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:

Serial #: 8373

Inside

Gand Mesa Operating

Doorbos 1-15

DST Test Number: 6

