



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd. Ste. 800
 Dallas, TX 75225
 ATTN: Jim Musgrove

25-15s-4w Saline,KS
Frost #1
 Job Ticket: 44216 **DST#: 1**
 Test Start: 2011.11.30 @ 20:41:30

GENERAL INFORMATION:

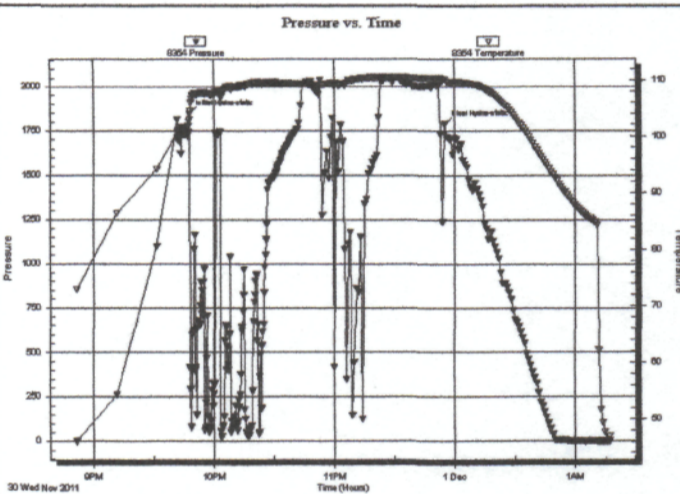
Formation: **Maqueketa**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened:
 Time Test Ended: 01:17:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 38
 Interval: **3412.00 ft (KB) To 3417.00 ft (KB) (TVD)**
 Total Depth: 3417.00 ft (KB) (TVD)
 Reference Elevations: 1309.00 ft (KB)
 1301.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: psig @ 3414.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.30 End Date: 2011.12.01 Last Calib.: 2011.12.05
 Start Time: 20:51:30 End Time: 01:17:00 Time On Btm: 2011.11.30 @ 21:47:40
 Time Off Btm: 2011.11.30 @ 23:55:00

TEST COMMENT: IF-Weak surface blow. Died @ 11 minutes. Flushed tool. Slid 1 foot. No blow.
 ISI-No Return. Slid 1 foot.
 FF-No Blow. Slid 1 foot.
 FSI-No Return.



PRESSURE SUMMARY

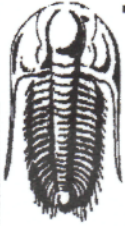
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1844.03	102.89	Initial Hydro-static
128	1788.02	110.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Heavy Mud	0.21

Gas Rates

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



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25-15s-4w Saline,KS
Frost #1
 Job Ticket: 44218 **DST#: 3**
 Test Start: 2011.12.01 @ 16:32:30

GENERAL INFORMATION:

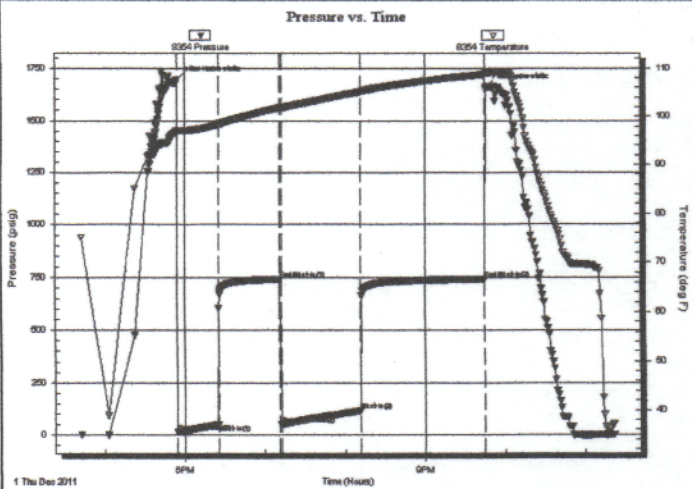
Formation: **Maqueketa**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 17:54:20
 Time Test Ended: 23:21:00
 Interval: **3415.00 ft (KB) To 3421.00 ft (KB) (TVD)**
 Total Depth: **3421.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dustin Rash**
 Unit No: **38**
 Reference Elevations: **1309.00 ft (KB)**
1301.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8354

Inside

Press@RunDepth: **117.15 psig @ 3418.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.12.01** End Date: **2011.12.01** Last Calib.: **2011.12.01**
 Start Time: **16:42:30** End Time: **23:21:00** Time On Btm: **2011.12.01 @ 17:54:00**
 Time Off Btm: **2011.12.01 @ 21:46:00**

TEST COMMENT: IF-Weak building blow. Built to 9 inches.
 IS-No Return.
 FF-Weak building blow. BOB in 50 minutes 30 seconds.
 FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.94	97.15	Initial Hydro-static
1	14.52	96.69	Open To Flow (1)
31	50.11	98.36	Shut-In(1)
77	741.53	101.82	End Shut-In(1)
78	50.99	101.75	Open To Flow (2)
138	117.15	105.13	Shut-In(2)
231	741.69	108.73	End Shut-In(2)
232	1662.60	108.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	90%Water/10%Mud	3.02

Gas Rates

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