



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

Blake Exploration LLC

201 S. Main  
Bogue, KS 67625

ATTN: Mike Davignon

Scheetz Unit #1

33-13s-32w Logan KS

Job Ticket: 040708 DST#: 2

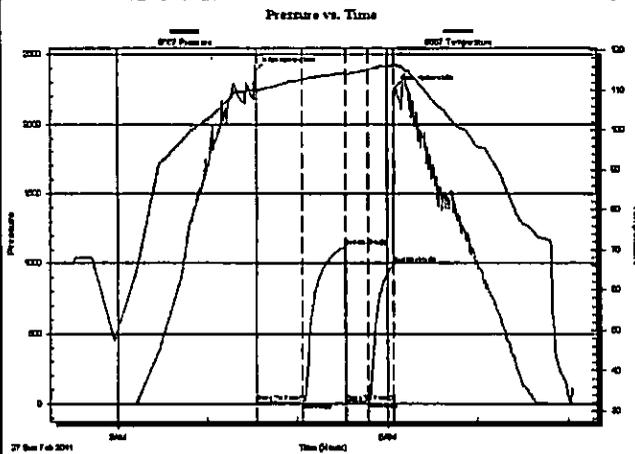
Test Start: 2011.02.27 @ 02:31:02

**GENERAL INFORMATION:**

Formation: **Morrow Sand**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: **04:32:47**  
 Time Test Ended: **08:20:47**  
 Interval: **4515.00 ft (KB) To 4534.00 ft (KB) (TVD)**  
 Total Depth: **4534.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Shane McBride**  
 Unit No: **55**  
 Reference Elevations: **2910.00 ft (KB)**  
**2899.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

Serial #: **6667** Outside  
 Press@RunDepth: **18.87 psig @ 4515.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.02.27** End Date: **2011.02.27** Last Calib.: **2011.02.27**  
 Start Time: **02:31:02** End Time: **08:02:47** Time On Btm: **2011.02.27 @ 04:32:32**  
 Time Off Btm: **2011.02.27 @ 06:05:17**

TEST COMMENT: **Weak blow died in 20 min**  
**No return**  
**No blow**  
**No return**



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2387.34	110.06	Initial Hydro-static
1	13.20	109.60	Open To Flow (1)
31	15.29	112.62	Shut-In(1)
60	1123.70	114.35	End Shut-In(1)
60	16.74	113.94	Open To Flow (2)
75	18.87	115.13	Shut-In(2)
92	997.70	116.17	End Shut-In(2)
93	2260.24	116.36	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
3.00	mud 100% m	0.01

**Gas Rates**

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



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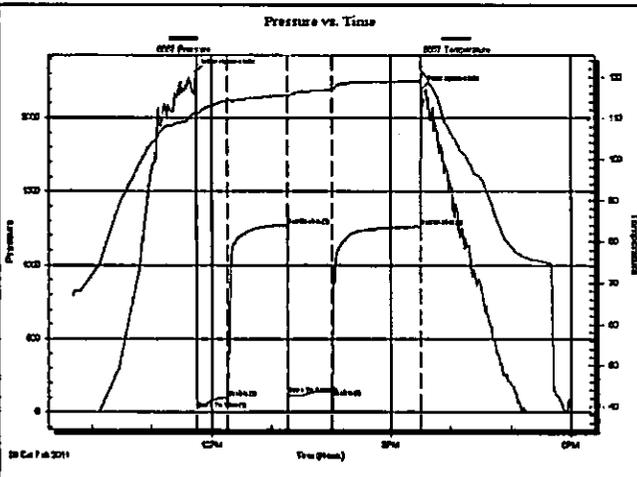
**Scheetz Unit #1**  
**33-13s-32w Logan KS**  
 Job Ticket: 040707      DST#: 1  
 Test Start: 2011.02.26 @ 09:40:33

**GENERAL INFORMATION:**

Formation: **Johnson**  
 Deviated: **No Whipstock**      ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **11:45:03**  
 Tester: **Shane McBride**  
 Time Test Ended: **18:20:03**  
 Unit No: **55**  
 Interval: **4460.00 ft (KB) To 4500.00 ft (KB) (TVD)**  
 Reference Elevations: **2910.00 ft (KB)**  
**4500.00 ft (KB) (TVD)**  
**2899.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **11.00 ft**

Serial #: **6667**      Outside  
 Press@RunDepth: **158.58 psig @ 4461.00 ft (KB)**  
 Capacity: **8000.00 psig**  
 Start Date: **2011.02.26**      End Date: **2011.02.26**  
 Last Calib.: **2011.02.26**  
 Start Time: **09:40:33**      End Time: **17:59:03**  
 Time On Btm: **2011.02.26 @ 11:44:48**  
 Time Off Btm: **2011.02.26 @ 15:31:03**

**TEST COMMENT:** B.O.B. in 15 min.  
 1 1/4" in return blow  
 B.O.B. in 13 min  
 5 1/4" in return



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.10	111.32	Initial Hydro-static
1	19.00	110.54	Open To Flow (1)
32	95.26	114.29	Shut-In(1)
92	1270.18	115.57	End Shut-In(1)
92	120.10	115.38	Open To Flow (2)
136	158.58	116.88	Shut-In(2)
225	1260.61	119.11	End Shut-In(2)
227	2201.06	120.77	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
124.00	g m c o 20%g 30%m 50%o	0.61
434.00	c g o 20%g 80%o	5.02
0.00	620' gas in pipe	0.00

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

040707