

**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

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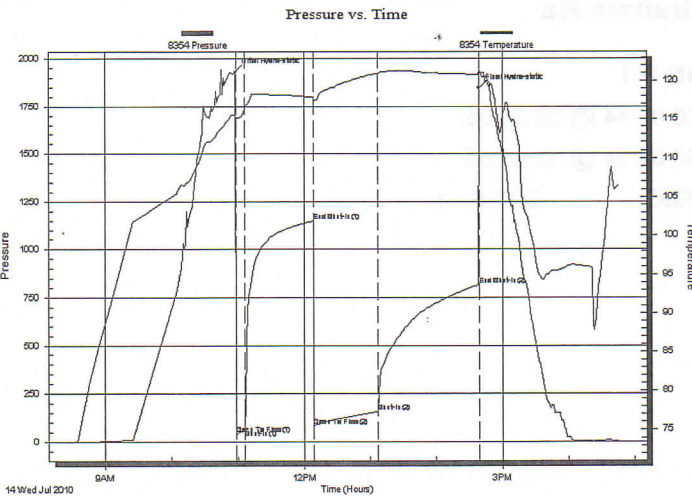
**Bean # 1**  
**12-9-25-Graham-Ks**  
 Job Ticket: 038995      DST#: 1  
 Test Start: 2010.07.14 @ 08:33:05

### GENERAL INFORMATION:

Formation: **H-K LKC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:58:35  
 Time Test Ended: 16:46:05  
 Test Type: Conventional Bottom Hole  
 Tester: Dan Bangle  
 Unit No: 38  
 Interval: **3980.00 ft (KB) To 4075.00 ft (KB) (TVD)**  
 Reference Elevations: 2526.00 ft (KB)  
 Total Depth: 4075.00 ft (KB) (TVD)      2518.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good      KB to GR/CF: 8.00 ft

**Serial #: 8354 Inside**  
 Press@RunDepth: 157.22 psig @ 3992.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.07.14      End Date: 2010.07.14      Last Calib.: 2010.07.14  
 Start Time: 08:33:06      End Time: 16:46:05      Time On Btm: 2010.07.14 @ 10:57:50  
 Time Off Btm: 2010.07.14 @ 14:38:35

**TEST COMMENT:** IF-Weak building to 8"  
 FF-Weak building to strong B-B in 20 min



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.34	115.66	Initial Hydro-static
1	39.64	114.84	Open To Flow (1)
9	63.22	116.45	Shut-In(1)
71	1147.64	117.91	End Shut-In(1)
72	79.67	117.56	Open To Flow (2)
130	157.22	120.93	Shut-In(2)
221	817.50	120.81	End Shut-In(2)
221	1846.52	121.42	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCMdyW 10%o 40%w 50%m	462561.00
120.00	OCM 20%o 80%m	1850244.00
185.00	MCGsyO 10%g 70%o 20%m	2852459.50
120.00	CGsyO	1850244.00
0.00	340 GIP	0.00

### Gas Rates

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