



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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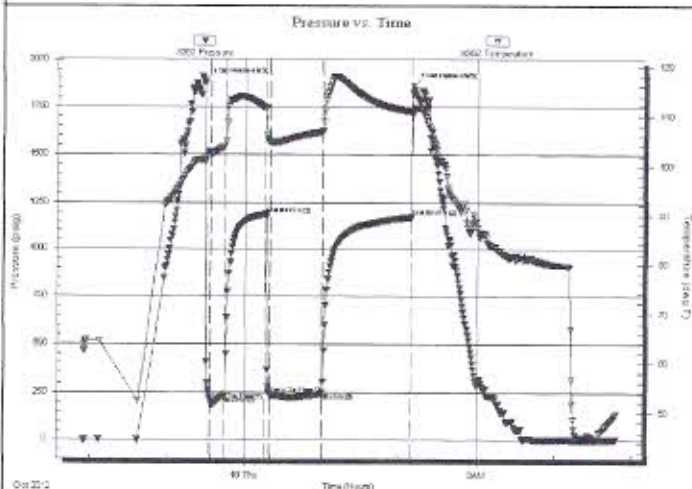
**12-21s-16w Pawnee Ks**  
**Foster#2**  
Job Ticket: 49619      **DST#: 2**  
Test Start: 2012.10.17 @ 21:55:01

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock:      ft (KB)  
Time Tool Opened: 23:33:16  
Time Test Ended: 04:47:46  
Interval: **3705.00 ft (KB) To 3775.00 ft (KB) (TVD)**  
Total Depth: **3775.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Reference Elevations: **1968.00 ft (KB)**  
**1960.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

**Serial #: 8352**      Inside  
Press@RunDepth: **246.00 psig @ 3706.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.10.17**      End Date: **2012.10.18**      Last Calib.: **2012.10.18**  
Start Time: **21:55:01**      End Time: **04:47:46**      Time On Btm: **2012.10.17 @ 23:28:01**  
Time Off Btm: **2012.10.18 @ 02:10:01**

**TEST COMMENT:** IF: Strong blow . GTS in 3 mins. (see gas flow report)  
IS: No blow .  
FF: Strong blow . (see gas flow report)  
FS: No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.93	101.32	Initial Hydro-static
6	201.90	102.66	Open To Flow (1)
17	227.83	103.87	Shut-In(1)
48	1187.01	111.50	End Shut-In(1)
51	239.69	104.75	Open To Flow (2)
92	246.00	106.89	Shut-In(2)
161	1172.76	110.93	End Shut-In(2)
162	1860.57	110.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
95.00	GCM/w few o specs 7%g 93%m	1.33
185.00	GOCM 34%g 16%o 50%m	2.60
185.00	CGO 48%g 52%o	2.60
125.00	SMC,GO 3%m 50%g 47%o	1.75

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	62.00	279.87
Last Gas Rate	0.50	45.00	400.69
Max. Gas Rate	0.38	74.00	323.83

