



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Thomas Gaerner Inc  
 305 E 7th St  
 St John, KS 67576  
 ATTN: Josh Austin

**15-25S-13W Stafford**  
**Garner 6**  
 Job Ticket: 59774      **DST#: 3**  
 Test Start: 2015.06.30 @ 07:51:24

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 09:25:09  
 Tester: Leal Cason  
 Time Test Ended: 14:00:31  
 Unit No: 74  
 Interval: **4283.00 ft (KB) To 4290.00 ft (KB) (TVD)**  
 Reference Elevations: 1939.00 ft (KB)  
 Total Depth: 4290.00 ft (KB) (TVD)  
 1926.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 13.00 ft

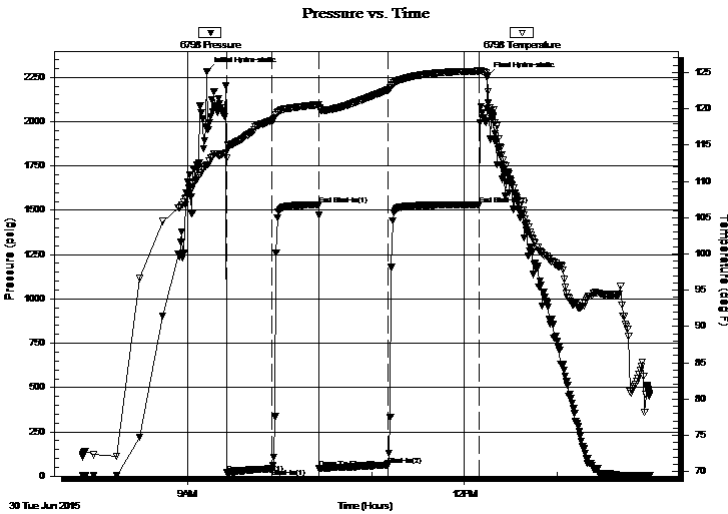
## Serial #: 6798

Inside

Press@RunDepth: 62.99 psig @ 4284.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.06.30      End Date: 2015.06.30      Last Calib.: 2015.06.30  
 Start Time: 07:51:25      End Time: 14:00:31      Time On Btm: 2015.06.30 @ 09:12:24  
 Time Off Btm: 2015.06.30 @ 12:14:54

TEST COMMENT: IF: Weak Blow , Built to 6 inches  
 IS: No Blow Back  
 FF: Fair Blow , Built to 9 inches  
 FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.10	112.30	Initial Hydro-static
13	18.66	113.19	Open To Flow (1)
43	41.34	118.38	Shut-In(1)
73	1530.96	120.56	End Shut-In(1)
73	43.84	120.08	Open To Flow (2)
118	62.99	122.55	Shut-In(2)
177	1531.11	125.17	End Shut-In(2)
183	2252.10	124.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	124 GIP	0.00
60.00	GOWCM 10%G 28%W 30%O 32%M	0.30
64.00	GSY Oil 10%G 90&O	0.90

\* Recovery from multiple tests

## Gas Rates

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



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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35.2 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 29000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 0.02 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	124 GIP	0.000
60.00	GOWCM 10%G 28%W 30%O 32%M	0.295
64.00	GSY Oil 10%G 90&O	0.898

Total Length: 124.00 ft      Total Volume: 1.193 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Gravity w as 39.2 @ 100 degrees  
 RW w as .18 @ 92 degrees

