



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Castelli Exploration  
6908 NW 112th  
Oklahoma City, OK 73162  
ATTN: Cameron Castelli

**19-33S-16W Comanche**  
**Gregg A 1-19**  
Job Ticket: 51925      **DST#: 1**  
Test Start: 2014.01.22 @ 16:45:49

## GENERAL INFORMATION:

Formation: **Warsaw**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 19:52:49  
Time Test Ended: 02:20:04  
Interval: **5095.00 ft (KB) To 5128.00 ft (KB) (TVD)**  
Total Depth: 5128.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Leal Cason  
Unit No: 74  
Reference Elevations: 1854.00 ft (KB)  
1841.00 ft (CF)  
KB to GR/CF: 13.00 ft

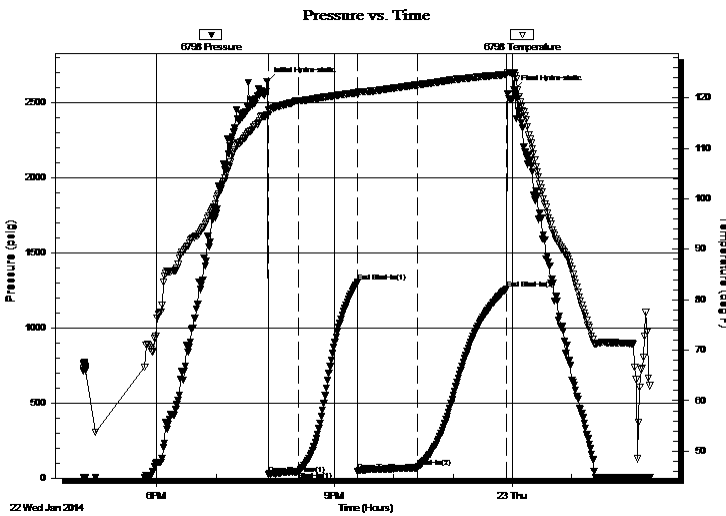
## Serial #: 6798

Inside

Press @ Run Depth: 68.75 psig @ 5096.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.01.22      End Date: 2014.01.23      Last Calib.: 2014.01.23  
Start Time: 16:45:50      End Time: 02:20:04      Time On Btm: 2014.01.22 @ 19:51:34  
Time Off Btm: 2014.01.23 @ 00:01:49

TEST COMMENT: IF: Weak Blow , Built to 3 inches  
IS: No Blow Back  
FF: Weak Blow , Built to 2 inches  
FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2638.33	116.54	Initial Hydro-static
2	26.22	117.55	Open To Flow (1)
33	46.55	119.40	Shut-In(1)
92	1303.46	121.03	End Shut-In(1)
92	47.55	120.75	Open To Flow (2)
152	68.75	122.55	Shut-In(2)
243	1260.22	124.62	End Shut-In(2)
251	2583.76	124.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	SGCM 1%G 99%M	0.32

## Gas Rates

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



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**FLUID SUMMARY**

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**DST#: 1**

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Test Start: 2014.01.22 @ 16:45:49

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 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
65.00	SGCM 1%G 99%M	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

