



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castelli Exploration
6908 NW 112th
Oklahoma City, OK 73112
ATTN: Rick Popp

25-33S-16W Comanche

Charlie Brown 1-25

Job Ticket: 50986

DST#: 2

Test Start: 2013.06.18 @ 10:25:32

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:32:02

Time Test Ended: 17:53:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 4987.00 ft (KB) To 5036.00 ft (KB) (TVD)

Reference Elevations: 1769.00 ft (KB)

Total Depth: 5036.00 ft (KB) (TVD)

1756.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6798

Inside

Press @ RunDepth: 39.98 psig @ 4988.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.18

End Date:

2013.06.18

Last Calib.:

2013.06.18

Start Time: 10:25:33

End Time:

17:53:02

Time On Btm:

2013.06.18 @ 13:31:17

Time Off Btm:

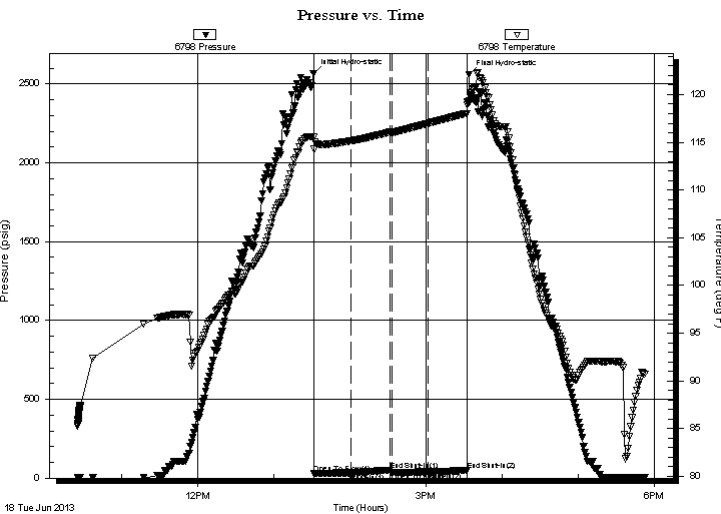
2013.06.18 @ 15:33:47

TEST COMMENT: IF: Weak Surface Blow , Dead @ 26 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2567.75	115.55	Initial Hydro-static
1	27.82	114.29	Open To Flow (1)
30	33.40	115.15	Shut-In(1)
61	51.53	116.08	End Shut-In(1)
62	34.48	116.00	Open To Flow (2)
91	39.98	116.98	Shut-In(2)
121	48.49	118.03	End Shut-In(2)
123	2560.77	119.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

