



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Falcon Exploration Inc.

5/28/30

125 N Market street ste. 1252 Wichita Ks. 67202

**Smith #1-5 nw**

ATTN: Keith R.

Job Ticket: 42291

**DST#: 1**

Test Start: 2011.10.02 @ 10:45:00

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:00

Time Test Ended: 10:40:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 33

**Interval: 5066.00 ft (KB) To 5140.00 ft (KB) (TVD)**

Reference Elevations: 2831.00 ft (KB)

Total Depth: 5140.00 ft (KB) (TVD)

2819.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 6772 Outside**

Press @ RunDepth: 1387.29 psig @ 5069.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.02

End Date:

2011.10.03

Last Calib.: 2011.10.03

Start Time: 10:45:05

End Time:

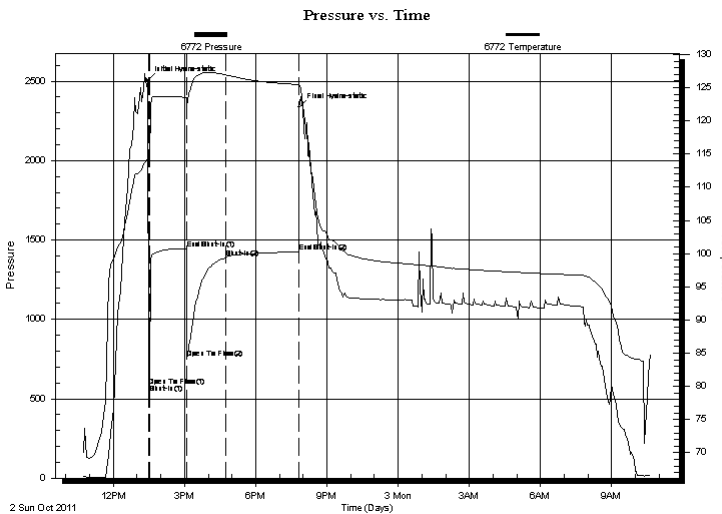
10:40:44

Time On Btm: 2011.10.02 @ 13:26:15

Time Off Btm: 2011.10.02 @ 19:50:15

**TEST COMMENT:** IF- Strong blow BOB, ASAO.  
 IS- No blow back.  
 FF- Strong blow BOB, ASAO, GTS, 1 hour. TSTM.  
 FS- Strong blow back.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2504.81	114.22	Initial Hydro-static
2	577.75	113.97	Open To Flow (1)
7	594.04	114.15	Shut-In(1)
99	1445.22	123.53	End Shut-In(1)
100	755.99	122.24	Open To Flow (2)
199	1387.29	126.91	Shut-In(2)
383	1424.55	125.50	End Shut-In(2)
384	2334.32	125.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1008.00	trace water and mud 20%gas80%oil	11.39
1932.00	5%gas5%mud90%water trace oil <1%	27.10

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Falcon Exploration Inc.

**5/28/30**

125 N Market street ste. 1252 Wichita Ks. 67202

**Smith #1-5 nw**

Job Ticket: 42291

**DST#: 1**

ATTN: Keith R.

Test Start: 2011.10.02 @ 10:45:00

## 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1650.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1008.00	trace water and mud 20%gas80%oil	11.389
1932.00	5%gas5%mud90%water trace oil <1%	27.101

Total Length: 2940.00 ft

Total Volume: 38.490 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6772

Outside Falcon Exploration Inc.

Smith #1-5 nw

DST Test Number: 1

