



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

Job Ticket: 42292

DST#: 2

ATTN: Keith R.

Test Start: 2011.10.03 @ 21:45:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:13:50

Time Test Ended: 12:27:10

Test Type: Conventional Straddle (Initial)

Tester: Harley Davidson

Unit No: 33

Interval: 5064.00 ft (KB) To 5112.00 ft (KB) (TVD)

Reference Elevations: 2831.00 ft (KB)

Total Depth: 5170.00 ft (KB) (TVD)

2819.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8674

Press @ Run Depth: 1216.97 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.03 End Date: 2011.10.04

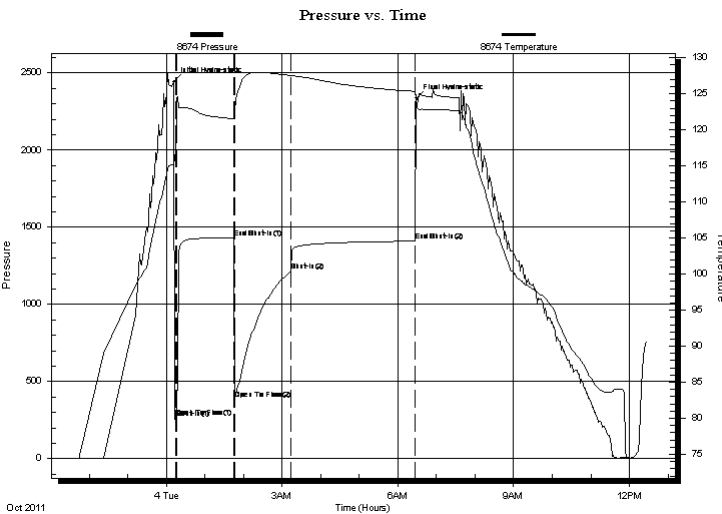
Last Calib.: 2011.10.04

Start Time: 21:45:05 End Time: 12:27:10

Time On Btm: 2011.10.04 @ 00:11:50

Time Off Btm: 2011.10.04 @ 06:28:30

TEST COMMENT: IF- Strong blow BOB 1min.
 IS- No blow back.
 FF- Strong blow BOB 1min, GTS 1hour 15min, TSTM.
 FS- Strong blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2442.41	115.32	Initial Hydro-static
2	271.21	117.19	Open To Flow (1)
5	322.42	124.38	Shut-In(1)
94	1434.41	121.53	End Shut-In(1)
95	389.00	122.56	Open To Flow (2)
182	1216.97	127.55	Shut-In(2)
375	1410.40	125.35	End Shut-In(2)
377	2335.79	124.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
992.00	80%oil20%gastrace of mud	11.16
558.00	20%gas 80%oil trace of mud and w ater	7.83
186.00	20%mud30%w ater50%oil	2.61
124.00	5%oil5%gas10%mud80%w ater	1.74
744.00	100%w ater trace of gas and oil	10.44

Gas Rates

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



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2819.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6772

Press @ Run Depth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.03 End Date: 2011.10.04

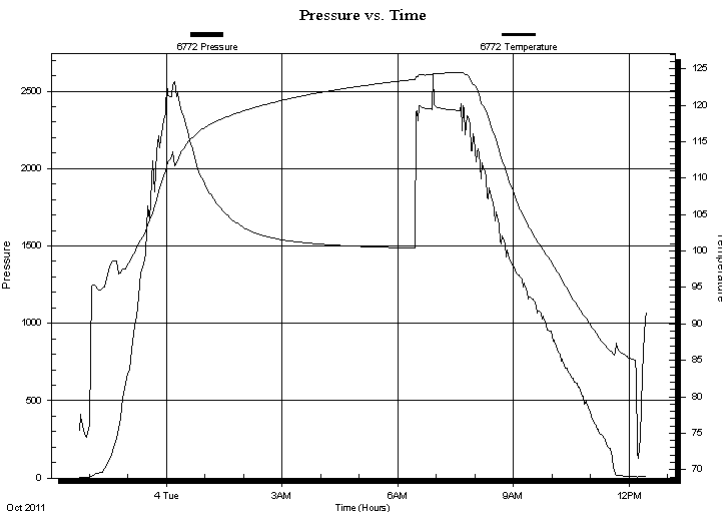
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Recovery

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



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FLUID SUMMARY

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5/28/30

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Smith #1-5 nw

Job Ticket: 42292

DST#: 2

ATTN: Keith R.

Test Start: 2011.10.03 @ 21:45:00

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: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
992.00	80%oil20%gastrace of mud	11.164
558.00	20%gas 80%oil trace of mud and w ater	7.827
186.00	20%mud30%w ater50%oil	2.609
124.00	5%oil5%gas10%mud80%w ater	1.739
744.00	100%w ater trace of gas and oil	10.436

Total Length: 2604.00 ft Total Volume: 33.775 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil gravity 29 Water chl. 120000.

