



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Woolsey Operating Company LLC

Spicer-A #3

125 N Market STE 1000
Wichita KS 67202-1729

2-34s-11w

Job Ticket: 41638

DST#: 1

ATTN: Curtis Covey

Test Start: 2011.04.02 @ 23:53:36

GENERAL INFORMATION:

Formation: **Wilcox**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:27:06

Time Test Ended: 13:08:21

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

Interval: 4980.00 ft (KB) To 5028.00 ft (KB) (TVD)

Reference Elevations: 1443.00 ft (KB)

Total Depth: 5028.00 ft (KB) (TVD)

1432.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6773 Inside

Press @ Run Depth: 855.74 psig @ 4981.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.02

End Date:

2011.04.03

Last Calib.:

2011.04.03

Start Time: 23:53:41

End Time:

13:08:21

Time On Btm:

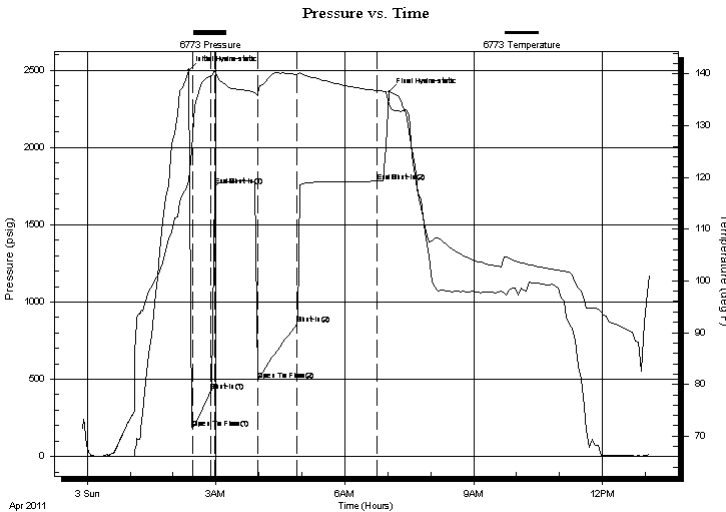
2011.04.03 @ 02:21:51

Time Off Btm:

2011.04.03 @ 07:01:51

TEST COMMENT: IF: Strong blow BOB in 1 min GTS 20 min
IS: Strong blow back BOB
FF: Strong blow BOB in 1 min
FS: Strong blow back BOB

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2498.91	119.24	Initial Hydro-static
6	179.77	128.29	Open To Flow (1)
32	420.58	139.43	Shut-In(1)
37	1753.08	140.60	End Shut-In(1)
97	496.94	136.28	Open To Flow (2)
152	855.74	139.90	Shut-In(2)
263	1781.05	136.73	End Shut-In(2)
280	2358.43	133.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2709.00	GIP 100%	35.47
2250.00	oil, 99% mud 1%	31.56

Gas Rates

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



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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: 55.00 sec/qt

Cushion Volume: bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2709.00	GIP 100%	35.468
2250.00	oil, 99% mud 1%	31.562

Total Length: 4959.00 ft Total Volume: 67.030 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: Woolsey

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Pressure vs. Time

