



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Russell Oil Co.

Anderson 1-31

POB 3050
Edmond, OK 73083

S31-10s-34w Thomas, KS

ATTN: Steve Murphy

Job Ticket: 43124

DST#: 4

Test Start: 2011.05.09 @ 16:41:00

GENERAL INFORMATION:

Formation: **Myric St.--Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:54:50

Time Test Ended: 23:07:09

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4630.00 ft (KB) To 4680.00 ft (KB) (TVD)

Reference Elevations: 3296.00 ft (KB)

Total Depth: 4680.00 ft (KB) (TVD)

3286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 19.91 psig @ 4631.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.09 End Date: 2011.05.09

Last Calib.: 2011.05.09

Start Time: 16:41:05 End Time: 23:07:09

Time On Btm: 2011.05.09 @ 18:52:40

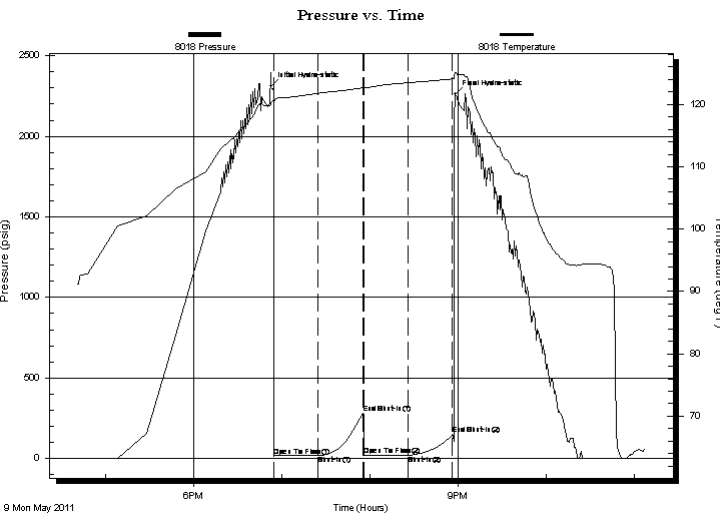
Time Off Btm: 2011.05.09 @ 20:58:09

TEST COMMENT: IF: 1/4 inch blow, died at 15 minutes

IS: No return

FF: No blow

FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.80	120.05	Initial Hydro-static
3	16.09	120.28	Open To Flow (1)
32	18.50	121.80	Shut-In (1)
63	283.48	122.67	End Shut-In (1)
64	18.34	122.51	Open To Flow (2)
93	19.91	123.48	Shut-In (2)
124	150.32	124.11	End Shut-In (2)
126	2261.44	125.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M100m	0.05

Gas Rates

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



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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

