



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: 43123

DST#: 3

Test Start: 2011.05.08 @ 09:42:00

GENERAL INFORMATION:

Formation: **LKC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:09:10

Time Test Ended: 15:17:39

Test Type: Conventional Bottom Hole

Tester: Kevin Mack

Unit No: 37

Interval: 4410.00 ft (KB) To 4440.00 ft (KB) (TVD)

Reference Elevations: 3296.00 ft (KB)

Total Depth: 4440.00 ft (KB) (TVD)

3286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6751

Outside

Press @ RunDepth: 17.84 psig @ 4412.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.08

End Date: 2011.05.08

Last Calib.: 2011.05.08

Start Time: 09:42:05

End Time: 15:17:39

Time On Btm: 2011.05.08 @ 12:09:00

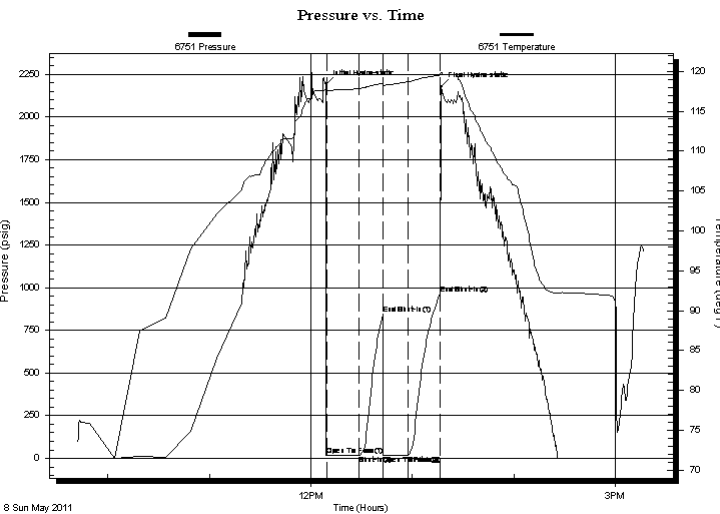
Time Off Btm: 2011.05.08 @ 13:17:10

TEST COMMENT: IF: Weak surface blow @ tool opening, Then blow died

IS: No return

FF: No blow

FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2190.64	117.88	Initial Hydro-static
1	15.77	116.85	Open To Flow (1)
20	17.64	117.82	Shut-In(1)
34	845.30	118.49	End Shut-In(1)
34	18.54	118.01	Open To Flow (2)
49	17.84	118.67	Shut-In(2)
68	964.70	119.54	End Shut-In(2)
69	2176.90	119.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100M (oil spots)	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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100M (oil spots)	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:

Pressure vs. Time

