



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Co. LLC.
3718 83rd. St.
P.O. Box 701
Russell, KS 67665-0701
ATTN: Jeff Lawler

5-15s.-13w. Russell Co.

Gross #8

Job Ticket: 49591

DST#: 1

Test Start: 2012.10.31 @ 07:33:48

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:50:18

Time Test Ended: 14:07:48

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 48

Interval: 2828.00 ft (KB) To 2925.00 ft (KB) (TVD)

Reference Elevations: 1703.00 ft (KB)

Total Depth: 2925.00 ft (KB) (TVD)

1696.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 8792 Outside

Press @ Run Depth: 381.31 psig @ 2829.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.31

End Date:

2012.10.31

Last Calib.: 2012.10.31

Start Time: 07:33:53

End Time:

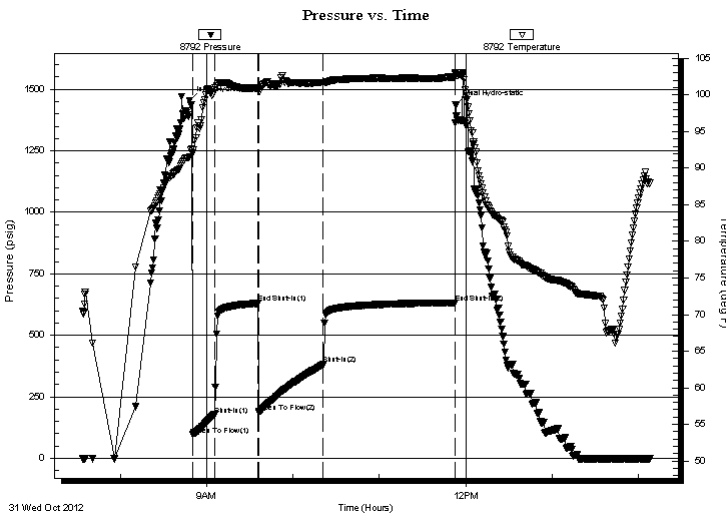
14:07:47

Time On Btm: 2012.10.31 @ 08:48:03

Time Off Btm: 2012.10.31 @ 11:52:48

TEST COMMENT: IF: Strong blow . BOB 2min. No GTS.
IS: Fair blow . 6"
FF: Strong blow . BOB 2min. No GTS.
FS: Fair blow . 5"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1455.25	91.58	Initial Hydro-static
3	95.43	92.03	Open To Flow (1)
18	176.63	100.74	Shut-In(1)
48	629.61	100.94	End Shut-In(1)
49	188.25	100.63	Open To Flow (2)
93	381.31	101.70	Shut-In(2)
185	632.16	102.48	End Shut-In(2)
185	1436.55	103.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
350.00	OGCMW 5%oil, 13%gas, 18%mud, 65%w	4.91
210.00	OGCMW 7%oil, 12%gas, 26%mud, 55%w	2.95
200.00	GOMW 10%gas, 20%oil, 30%mud, 40%w	2.81

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

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 84000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
350.00	OGCMW 5%oil, 13%gas, 18%mud, 65%w tr	4.910
210.00	OGCMW 7%oil, 12%gas, 26%mud, 55%w tr	2.946
200.00	GOMW 10%gas, 20%oil, 30%mud, 40%w tr	2.805

Total Length: 760.00 ft Total Volume: 10.661 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8792

Outside Jason Oil Co. LLC.

Gross #8

DST Test Number: 1

