



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc

5 11s 34w Logan, KS

P.O. Box 8050
Edmond, Ok 73083

James D 1-5

Job Ticket: 44487

DST#: 3

ATTN: Steve Angle

Test Start: 2011.09.30 @ 00:45:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:30

Time Test Ended: 09:25:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 4396.00 ft (KB) To 4430.00 ft (KB) (TVD)

Reference Elevations: 3260.00 ft (KB)

Total Depth: 4339.00 ft (KB) (TVD)

3249.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8652

Inside

Press @ Run Depth: 320.28 psig @ 4397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.30

End Date:

2011.09.30

Last Calib.:

2011.09.30

Start Time: 00:45:05

End Time:

09:25:15

Time On Btm:

2011.09.30 @ 03:17:15

Time Off Btm:

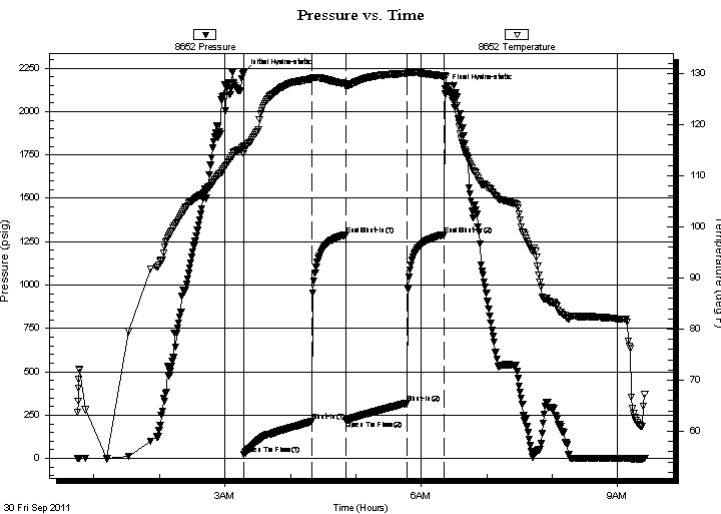
2011.09.30 @ 06:22:15

TEST COMMENT: IF: BOB 26 minutes.

IS: No return.

FF: BOB @ 50 minutes.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.68	115.74	Initial Hydro-static
1	24.62	114.30	Open To Flow (1)
63	214.24	128.96	Shut-In(1)
94	1288.95	128.00	End Shut-In(1)
94	220.24	127.49	Open To Flow (2)
150	320.28	129.98	Shut-In(2)
184	1287.47	129.49	End Shut-In(2)
185	2130.49	129.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
640.00	mcw 10m 90w	6.79

* Recovery from multiple tests

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
640.00	mcw 10m 90w	6.791

Total Length: 640.00 ft Total Volume: 6.791 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .159 @ 65F = 50,000ppm

