



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil, Inc.

24-8S-23W Graham, KS

PO Box 8050
Edmond, OK 73083

Rita Law A#24-1

ATTN: Kitt Noah

Job Ticket: 34527

DST#: 1

Test Start: 2015.06.22 @ 06:34:48

GENERAL INFORMATION:

Formation: **LKC "H&I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:23:48

Time Test Ended: 14:44:48

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Interval: 3522.00 ft (KB) To 3572.00 ft (KB) (TVD)

Reference Elevations: 2153.00 ft (KB)

Total Depth: 3572.00 ft (KB) (TVD)

2143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8655 Outside

Press@RunDepth: 95.73 psig @ 3536.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.22 End Date: 2015.06.22

Last Calib.: 2015.06.22

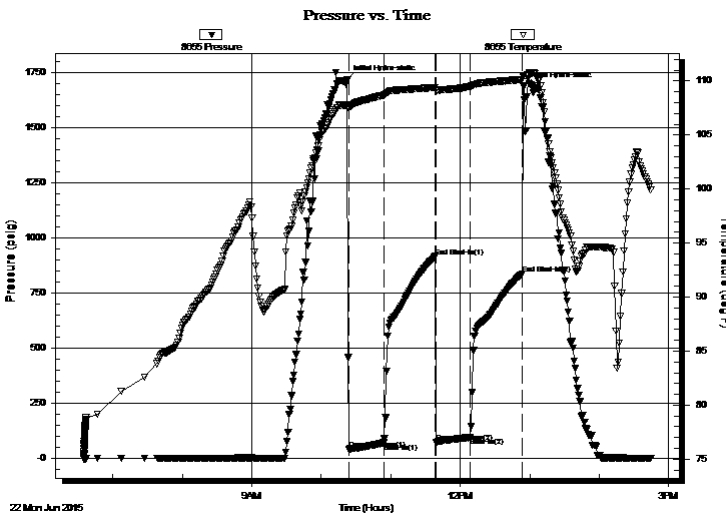
Start Time: 06:34:49 End Time: 14:44:48

Time On Btm: 2015.06.22 @ 10:22:18

Time Off Btm: 2015.06.22 @ 12:54:48

TEST COMMENT: 30- IF- BOB 20mins
45- IS- Very weak surface blow died in 17mins
30- FF- Built slowly to 6.5"
45- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1715.59	107.78	Initial Hydro-static
2	40.46	107.56	Open To Flow (1)
32	70.41	108.67	Shut-In(1)
76	915.87	109.40	End Shut-In(1)
77	73.85	109.18	Open To Flow (2)
106	95.73	109.50	Shut-In(2)
151	837.55	110.14	End Shut-In(2)
153	1687.85	110.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	GMCO, 50%O 35%M 15%G	3.12
0.00	345' GIP	0.00

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:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
220.00	GMCO, 50%O 35%M 15%G	3.119
0.00	345' GIP	0.000

Total Length: 220.00 ft Total Volume: 3.119 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

