



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc.
 P.o Box 8050
 Edmond OK. 73083
 ATTN: Kitt Noah

3-16s-35w Wichita Co. KS
Ken Baker A # 3-1
 Job Ticket: 50249 **DST#: 2**
 Test Start: 2014.02.02 @ 00:08:00

GENERAL INFORMATION:

Formation: **LKC " H "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:07:25 Tester: Will MacLean
 Time Test Ended: 07:07:54 Unit No: 72
 Interval: **4177.00 ft (KB) To 4220.00 ft (KB) (TVD)** Reference Elevations: 3188.00 ft (KB)
 Total Depth: 4220.00 ft (KB) (TVD) 3177.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

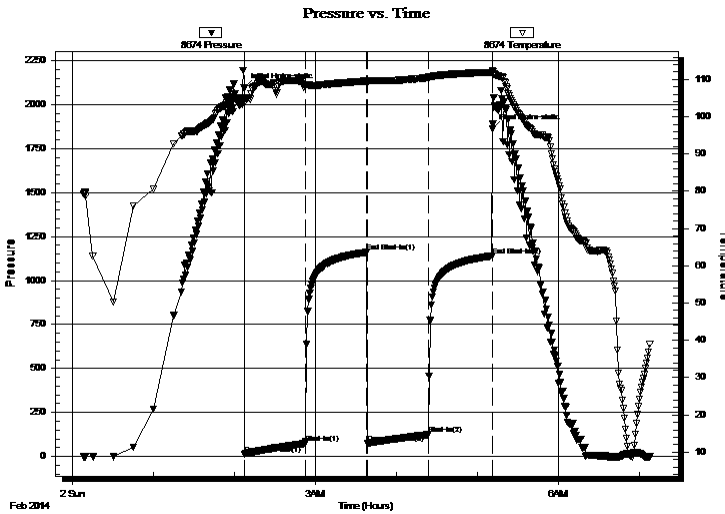
Serial #: 8674

Inside

Press @ Run Depth: 125.13 psig @ 4178.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.02 End Date: 2014.02.02 Last Calib.: 2014.02.02
 Start Time: 00:08:00 End Time: 07:07:54 Time On Btm: 2014.02.02 @ 02:07:10
 Time Off Btm: 2014.02.02 @ 05:10:54

TEST COMMENT: IF- Weak Surface Blow Built to 4 3/4"
 IS- No Blow
 FF- Weak Surface Blow Built to 1 1/4"
 FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2094.65	105.19	Initial Hydro-static
1	13.36	103.85	Open To Flow (1)
46	73.89	108.38	Shut-In(1)
91	1160.62	109.58	End Shut-In(1)
92	76.61	109.43	Open To Flow (2)
137	125.13	110.46	Shut-In(2)
184	1139.79	111.90	End Shut-In(2)
184	1861.38	112.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
92.00	MCW 44%m 56%w	0.45
92.00	MCW 32%m 68%w	0.45
15.00	WCM 18%w 82%m with a Few Oil Sp	0.07

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Ken Baker A # 3-1

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DST#: 2

ATTN: Kitt Noah

Test Start: 2014.02.02 @ 00:08:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
92.00	MCW 44%m 56%w	0.452
92.00	MCW 32%m 68%w	0.452
15.00	WCM 18%w 82%m with a Few Oil Spots	0.074

Total Length: 199.00 ft

Total Volume: 0.978 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

