



**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: 50250 **DST#: 3**
Test Start: 2014.02.02 @ 19:58:00

GENERAL INFORMATION:

Formation: **LKC " J "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:08:55
Time Test Ended: 02:43:09
Interval: **4239.00 ft (KB) To 4273.00 ft (KB) (TVD)**
Total Depth: 4273.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 72
Reference Elevations: 3188.00 ft (KB)
3177.00 ft (CF)
KB to GR/CF: 11.00 ft

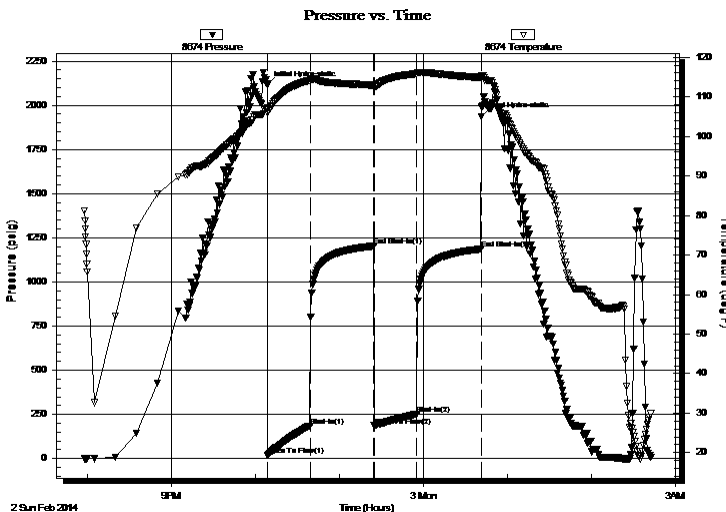
Serial #: 8674

Inside

Press @ Run Depth: 252.82 psig @ 4240.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.02.02 End Date: 2014.02.03 Last Calib.: 2014.02.03
Start Time: 19:58:00 End Time: 02:43:09 Time On Btm: 2014.02.02 @ 22:08:40
Time Off Btm: 2014.02.03 @ 00:41:39

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 19 1/4min
IS- No Blow
FF- Weak Surface Blow Built to BOB in 26min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.81	107.10	Initial Hydro-static
1	18.02	105.99	Open To Flow (1)
31	182.95	114.16	Shut-In(1)
76	1202.88	112.95	End Shut-In(1)
77	186.25	112.47	Open To Flow (2)
107	252.82	115.82	Shut-In(2)
153	1186.74	114.88	End Shut-In(2)
153	1936.49	115.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
276.00	MCW 17%m 83%w with Few Oil Spots	1.36
186.00	MCW 30%m 70%w	1.79
74.00	MCW 39%m 61%w	1.04

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Ken Baker A # 3-1

Job Ticket: 50250

DST#: 3

ATTN: Kitt Noah

Test Start: 2014.02.02 @ 19:58:00

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:

32000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
276.00	MCW 17%m 83%w with Few Oil Spots in T	1.357
186.00	MCW 30%m 70%w	1.789
74.00	MCW 39%m 61%w	1.038

Total Length: 536.00 ft Total Volume: 4.184 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .368 @ 40f = 32000

