



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc
P.O. Box 8050
Edmond, Ok 73083
ATTN: Kitt Noah

35-12s-33w Logan Ks
Joseph 35-1
Job Ticket: 59031 **DST#: 3**
Test Start: 2014.08.29 @ 16:09:55

GENERAL INFORMATION:

Formation: **Lansing H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:13:25
Time Test Ended: 23:45:25
Interval: **4201.00 ft (KB) To 4240.00 ft (KB) (TVD)**
Total Depth: 4240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 3095.00 ft (KB)
3084.00 ft (CF)
KB to GR/CF: 11.00 ft

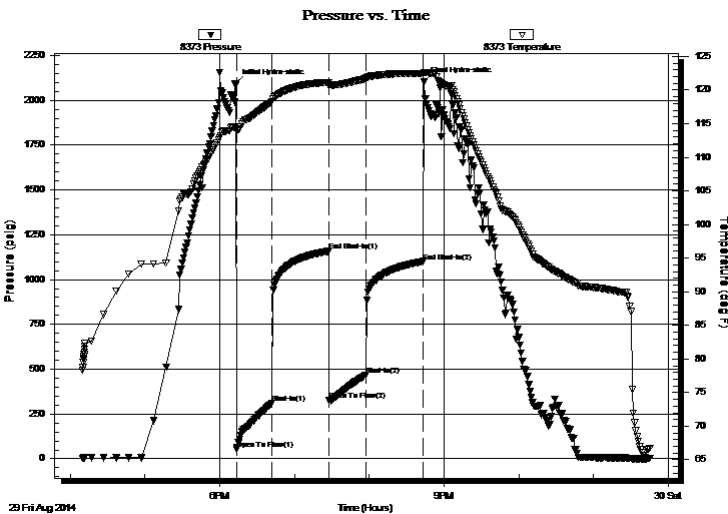
Serial #: 8373

Inside

Press@RunDepth: 468.10 psig @ 4202.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.29 End Date: 2014.08.29 Last Calib.: 2014.08.29
Start Time: 16:10:00 End Time: 23:45:24 Time On Btm: 2014.08.29 @ 18:12:25
Time Off Btm: 2014.08.29 @ 20:43:55

TEST COMMENT: IF: BOB in 5 1/2 min.
IS: No return.
FF: BOB in 7 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.17	114.57	Initial Hydro-static
1	53.48	113.89	Open To Flow (1)
30	310.17	118.27	Shut-In(1)
75	1158.15	121.13	End Shut-In(1)
76	324.95	120.63	Open To Flow (2)
105	468.10	121.66	Shut-In(2)
151	1100.57	122.41	End Shut-In(2)
152	2101.95	122.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	water 100%w	2.93
310.00	mcw 90%w 10%m	4.35
310.00	mcw show of oil on top 40%w 60%m	4.35

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 3

ATTN: Kitt Noah

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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:

25000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	water 100%w	2.932
310.00	mcw 90%w 10%m	4.348
310.00	mcw show of oil on top 40%w 60%m	4.348

Total Length: 992.00 ft Total Volume: 11.628 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .26@76=25000

Pressure vs. Time

