



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
PO Box 8050
Edmond, OK 73083
ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deama 'E' #1-28

Job Ticket: 45604

DST#: 1

Test Start: 2012.02.17 @ 10:56:00

GENERAL INFORMATION:

Formation: **LKC "I,J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 13:34:45
 Tester: Kevin Mack
 Time Test Ended: 19:41:15
 Unit No: 43
 Interval: **4142.00 ft (KB) To 4205.00 ft (KB) (TVD)**
 Reference Elevations: 3050.00 ft (KB)
 Total Depth: 4205.00 ft (KB) (TVD)
 3040.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

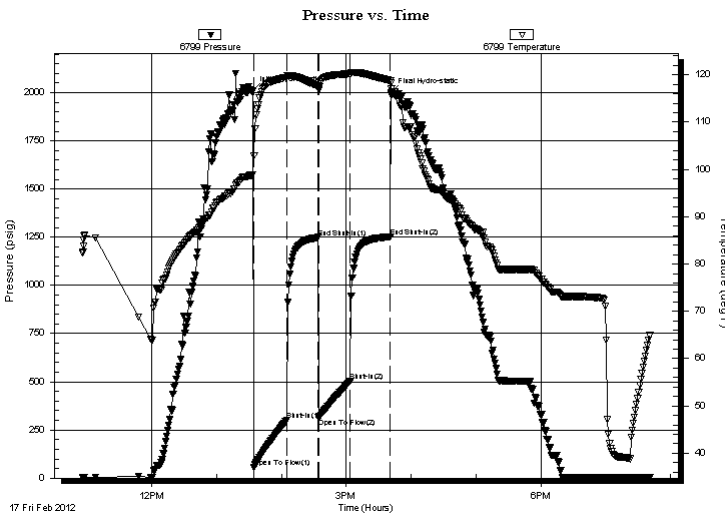
Serial #: 6799

Inside

Press @ Run Depth: 503.00 psig @ 4143.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.17 End Date: 2012.02.17 Last Calib.: 2012.02.17
 Start Time: 10:56:05 End Time: 19:41:15 Time On Btm: 2012.02.17 @ 13:33:45
 Time Off Btm: 2012.02.17 @ 15:41:15

TEST COMMENT: IF- BoB in 5 min.
 IS- No Return
 FF- BoB in 5 min.
 FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.60	98.82	Initial Hydro-static
1	54.23	102.87	Open To Flow (1)
31	299.00	119.47	Shut-In(1)
60	1248.28	117.65	End Shut-In(1)
61	311.53	116.73	Open To Flow (2)
90	503.00	120.22	Shut-In(2)
127	1251.73	118.80	End Shut-In(2)
128	2000.87	118.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (Heavy) 100M	0.02
863.00	MW 95W 5M	11.33
216.00	MW 80W 20M	3.03

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Kitt Noah

Test Start: 2012.02.17 @ 10:56:00

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:	24000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (Heavy) 100M	0.025
863.00	MW 95W 5M	11.331
216.00	MW 80W 20M	3.030

Total Length: 1084.00 ft Total Volume: 14.386 bbl

Num Fluid Samples: 0

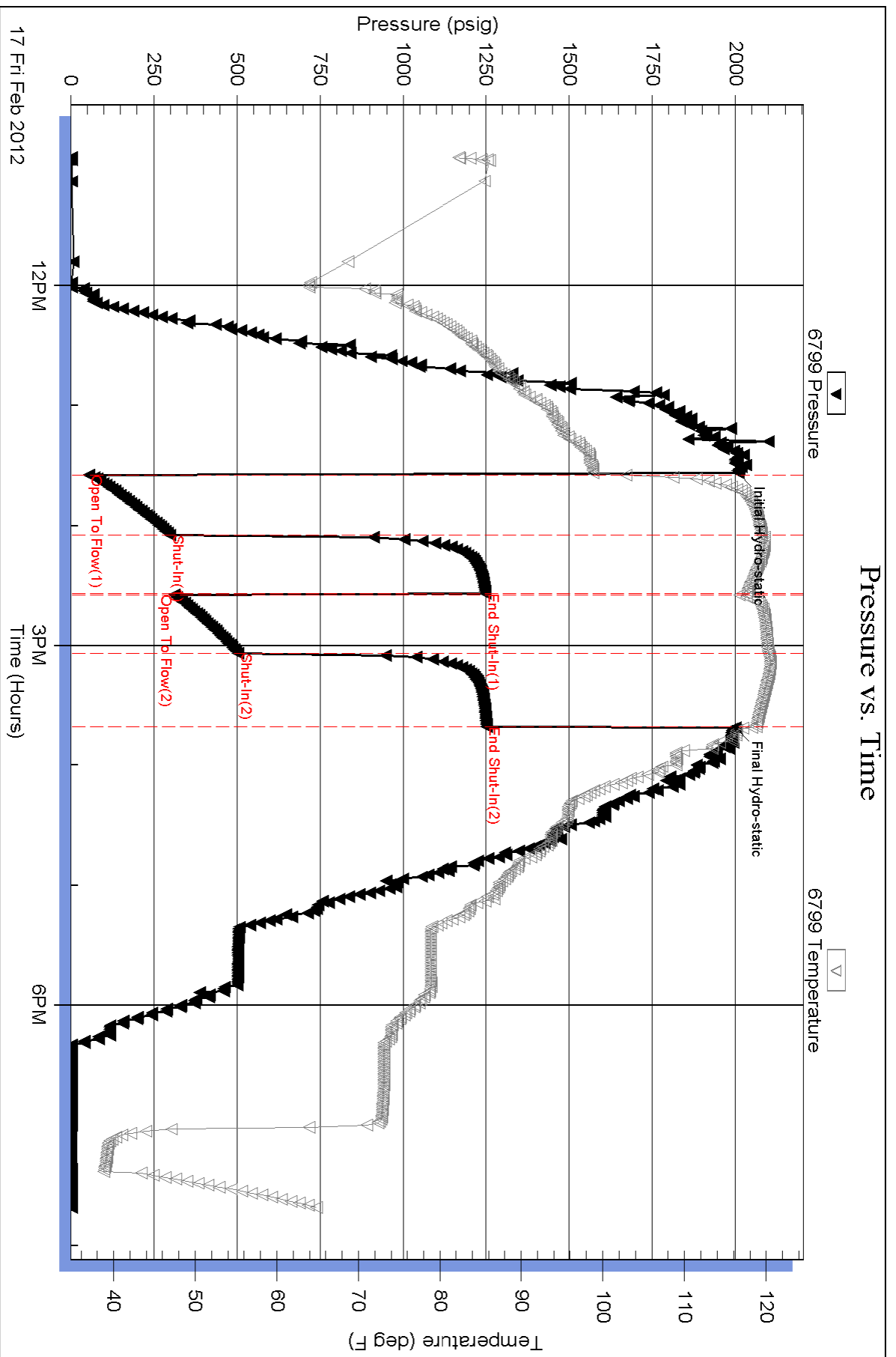
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .37 @ 65 deg. = 24000 ppm



Serial #: 8648

Inside

Russell Oil, Inc.

Deama 'E #1-28

DST Test Number: 1

