



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc

32-15s-14w Russell

P O Box 8050
Edmond Ok 73083

Steinle #3-32

Job Ticket: 54358

DST#: 5

ATTN: Leroy Holt II. / Kit

Test Start: 2013.10.21 @ 16:30:06

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:45:01

Time Test Ended: 22:17:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3364.00 ft (KB) To 3398.00 ft (KB) (TVD)

Reference Elevations: 1927.00 ft (KB)

Total Depth: 3398.00 ft (KB) (TVD)

1915.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 19.58 psig @ 3370.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.21 End Date: 2013.10.21

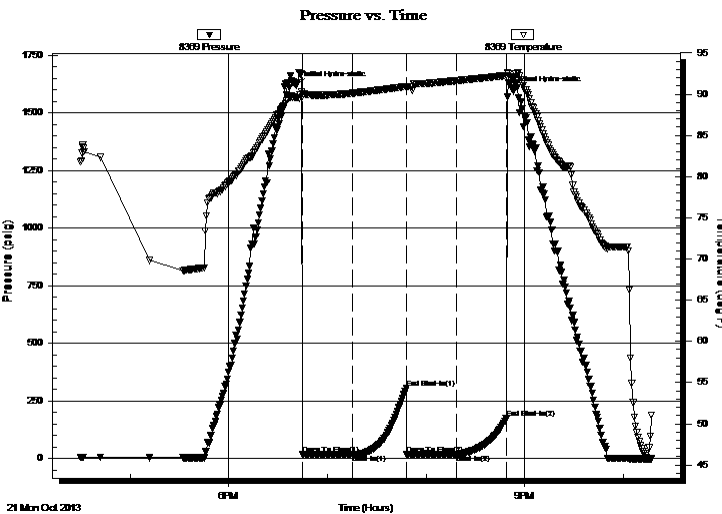
Last Calib.: 2013.10.21

Start Time: 16:30:06 End Time: 22:17:15

Time On Btm: 2013.10.21 @ 18:41:31

Time Off Btm: 2013.10.21 @ 20:53:00

TEST COMMENT: 30-IFP-surface bl, died in 14min
30-ISIP-no bl
30-FFP-no bl, flushed tool, got surge then no bl
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.74	89.57	Initial Hydro-static
4	18.57	89.73	Open To Flow (1)
34	19.76	90.11	Shut-In(1)
67	305.93	90.95	End Shut-In(1)
67	19.17	90.81	Open To Flow (2)
98	19.58	91.64	Shut-In(2)
128	176.25	92.27	End Shut-In(2)
132	1595.87	91.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 2%O98%M	0.14
	w/show of CO on top of tool	

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 54358

DST#: 5

ATTN: Leroy Holt II. / Kit

Test Start: 2013.10.21 @ 16:30:06

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: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 5.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	SOCM 2% O 98% M	0.140
	w/show of CO on top of tool	

Total Length: 10.00 ft Total Volume: 0.140 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

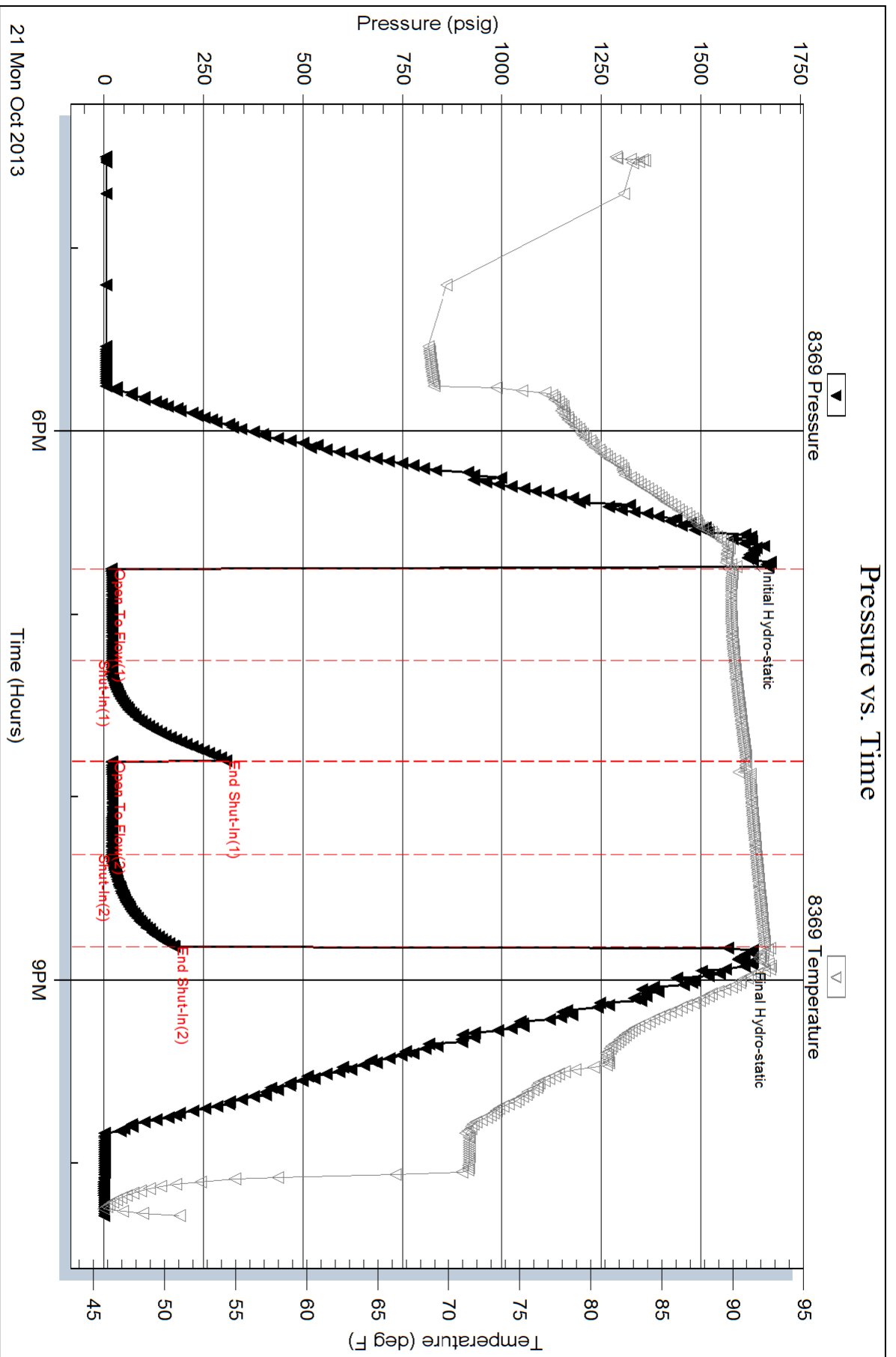
Serial #: 8369

Inside

Russell Oil Inc

Steinle #3-32

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 54358

Printed: 2013.10.22 @ 00:22:13