



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Russell Oil Inc

21-17s-14w Russell

PO Box 8050
Edmond OK 73083

Connor #13

Job Ticket: 56233

DST#: 1

ATTN: Leroy Holt III, Ste

Test Start: 2014.01.28 @ 07:10:17

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:33:42

Time Test Ended: 14:42:11

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 2968.00 ft (KB) To 3035.00 ft (KB) (TVD)

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3035.00 ft (KB) (TVD)

1898.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8369 Inside

Press@RunDepth: 65.21 psig @ 2974.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.28

End Date:

2014.01.28

Last Calib.:

2014.01.28

Start Time: 07:10:17

End Time:

14:42:11

Time On Btm:

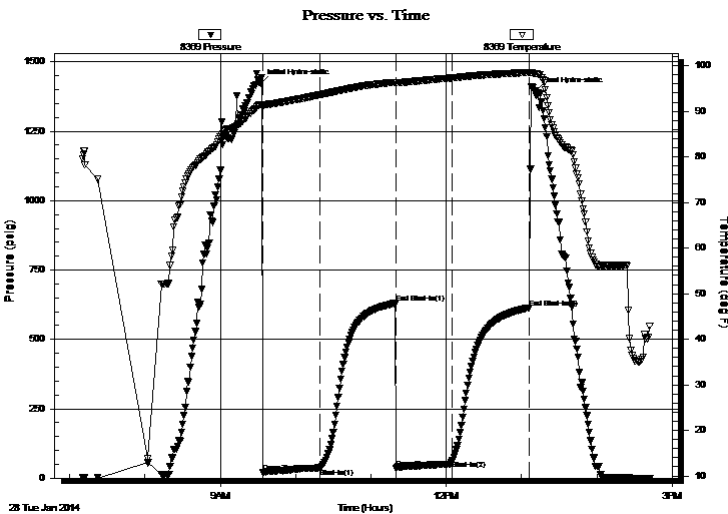
2014.01.28 @ 09:31:57

Time Off Btm:

2014.01.28 @ 13:10:41

TEST COMMENT: 45-IFP-w k bl thru-out 1/2"to 2"bl
60-ISIP-no bl
45-FFP-w k bl thru-out 1/4"to 1"bl
60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1420.51	91.42	Initial Hydro-static
2	20.30	91.20	Open To Flow (1)
47	36.48	93.59	Shut-In(1)
108	629.94	96.36	End Shut-In(1)
108	36.00	96.23	Open To Flow (2)
153	65.21	97.33	Shut-In(2)
214	613.98	98.50	End Shut-In(2)
219	1394.34	98.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 1%O99%M	0.07
60.00	SOCWM 1%O49%W50%M	0.84

Gas Rates

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



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FLUID SUMMARY

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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:

58000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	SOCM 1%O99%M	0.070
60.00	SOCWM 1%O49%W50%M	0.842

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .18@50F

