



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy Inc.
 7701 E. Kellogg Dr. STE 710
 Wichita KS. 67207
 ATTN: Scott Banks

22-20s-38w Wichita,KS.
Coakes/Collingwood
 Job Ticket: 57206 **DST#: 1**
 Test Start: 2014.05.07 @ 04:56:00

GENERAL INFORMATION:

Formation: **Morrow Sands**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:40:10
 Time Test Ended: 14:40:55
 Interval: **4810.00 ft (KB) To 4855.00 ft (KB) (TVD)**
 Total Depth: 4855.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Will MacLean
 Unit No: 72
 Reference Elevations: 3420.00 ft (KB)
 3408.00 ft (CF)
 KB to GR/CF: 12.00 ft

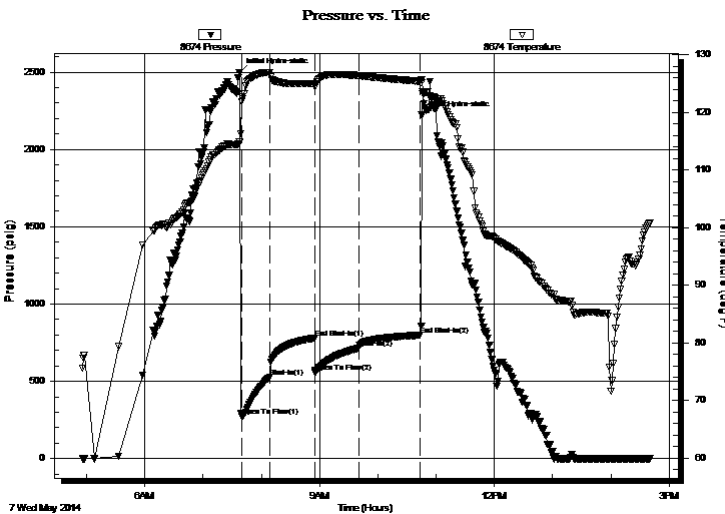
Serial #: 8674

Inside

Press@RunDepth: 714.10 psig @ 4812.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.07 End Date: 2014.05.07 Last Calib.: 2014.05.07
 Start Time: 04:56:00 End Time: 14:40:55 Time On Btm: 2014.05.07 @ 07:37:55
 Time Off Btm: 2014.05.07 @ 10:45:09

TEST COMMENT: IF- Surface Blow Built to BOB in 1 1/4min
 IS- Weak Surface Blow in 1 3/4min Built to BOB in 32min
 FF- Surface Blow Built to BOB in 2 1/4min
 FS- Weak Surface Blow Built to BOB in 21 1/2min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2498.47	114.86	Initial Hydro-static
3	271.07	122.65	Open To Flow (1)
31	528.30	126.91	Shut-In(1)
77	779.41	124.92	End Shut-In(1)
78	556.75	124.39	Open To Flow (2)
123	714.10	126.38	Shut-In(2)
186	798.21	125.39	End Shut-In(2)
188	2221.09	125.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
732.00	MOGCW 3%m 5%oil 8%g 84%w	8.12
186.00	OGMCW 4%oil 8%g 15%m 73%w	2.61
310.00	OGMCW 7%oil 15%g 31%m 47%w	4.35
124.00	OGWCM 16%oil 17%g 23%w 44%m	1.74
217.00	MGCO 4%m 19%g 77%oil	3.04
0.00	1643' of Weak GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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7701 E. Kellogg Dr. STE 710
Wichita KS. 67207

Coakes/Collingwood

Job Ticket: 57206

DST#: 1

ATTN: Scott Banks

Test Start: 2014.05.07 @ 04:56:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.98 in³
Resistivity: ohm.m
Salinity: 5200.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 27 deg API
Water Salinity: 44000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
732.00	MOGCW 3%m 5%oil 8%g 84%w	8.118
186.00	OGMCW 4%oil 8%g 15%m 73%w	2.609
310.00	OGMCW 7%oil 15%g 31%m 47%w	4.348
124.00	OGWCM 16%oil 17%g 23%w 44%m	1.739
217.00	MGCO 4%m 19%g 77%oil	3.044
0.00	1643' of Weak GIP	0.000

Total Length: 1569.00 ft Total Volume: 19.858 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API is 30 @ 90f = 27
RW is .124 @ 92f = 44000

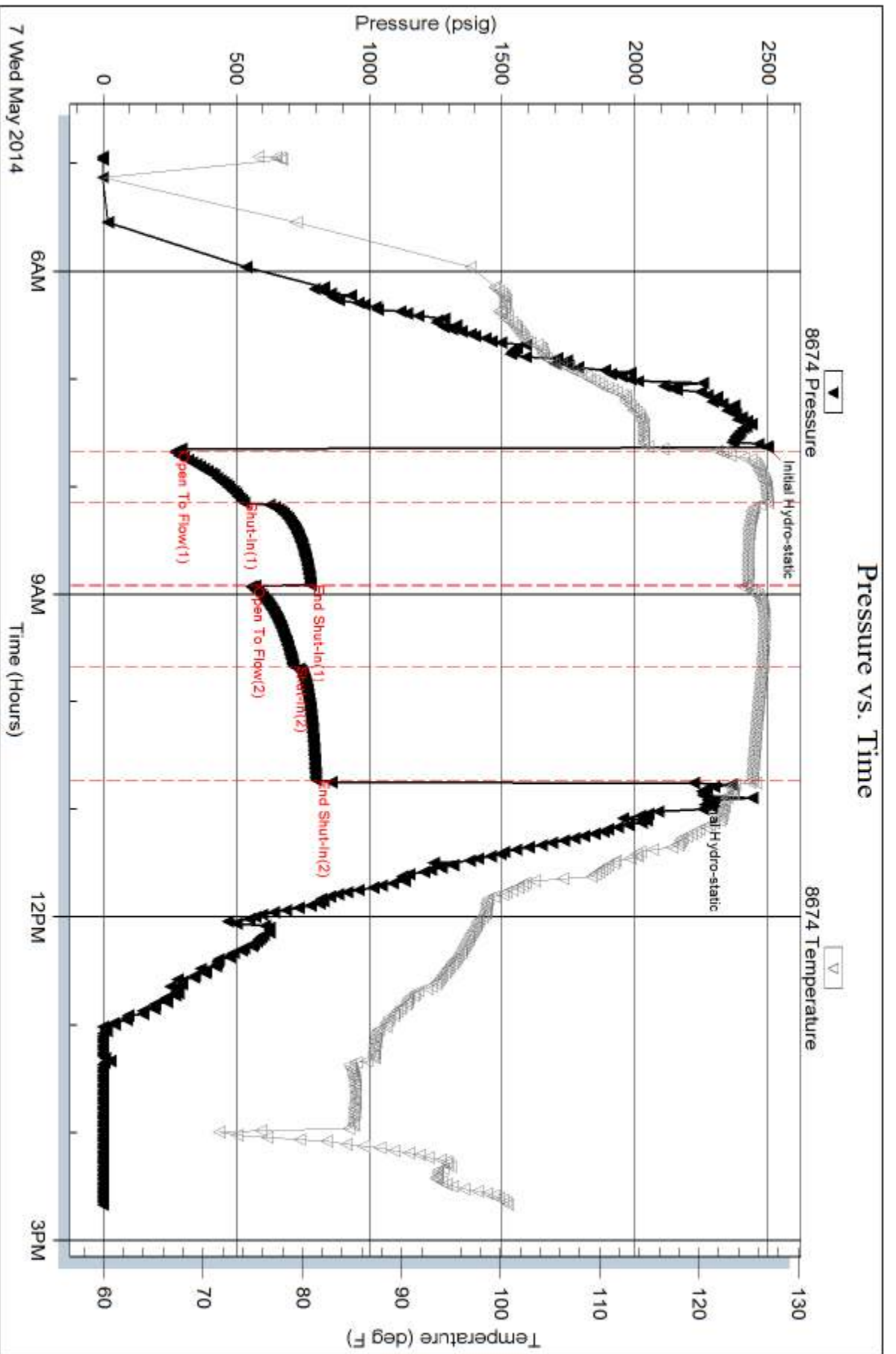
Serial #: 8674

Inside

Red Oak Energy Inc.

Coakes/Collingwood

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57206

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