



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Suncoast Technical Services, Inc

Sec. 27-8s-23w Graham, KS

P.O. Box 860037
Plano, TX 75086

Roaring Fork #1

Job Ticket: 62451

DST#: 2

ATTN: Jeff Lawler/Anita Ba

Test Start: 2015.02.01 @ 06:58:00

GENERAL INFORMATION:

Formation: **LKC "E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:06:13

Time Test Ended: 13:45:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 77

Interval: 3654.00 ft (KB) To 3683.00 ft (KB) (TVD)

Reference Elevations: 2255.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

2247.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8354 Outside

Press @ RunDepth: 49.02 psig @ 3655.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.01

End Date:

2015.02.01

Last Calib.:

2015.02.01

Start Time: 06:58:01

End Time:

13:45:03

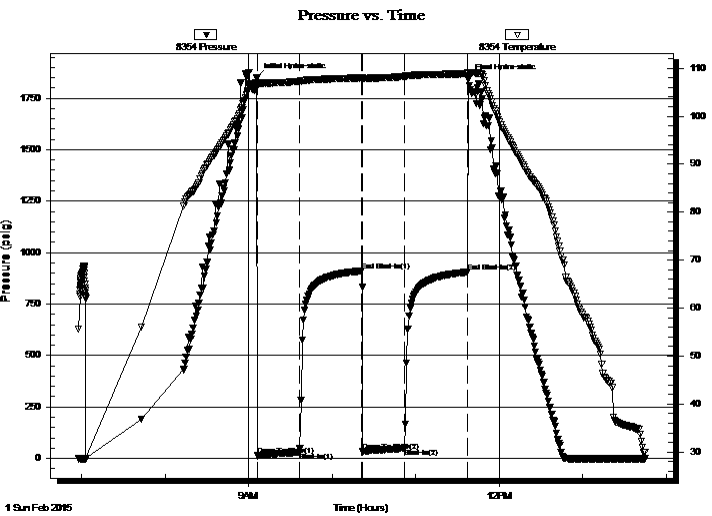
Time On Btm:

2015.02.01 @ 09:06:03

Time Off Btm:

2015.02.01 @ 11:37:32

TEST COMMENT: 30-IF-Built to 2 1/4"
45-ISI-No Return
30-FF-Weak Surface Blow, Died in 10 mins.
45-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.29	107.03	Initial Hydro-static
1	12.88	106.13	Open To Flow (1)
31	30.40	107.27	Shut-In(1)
75	910.49	107.98	End Shut-In(1)
76	33.52	107.69	Open To Flow (2)
106	49.02	108.27	Shut-In(2)
151	904.99	108.83	End Shut-In(2)
152	1843.70	109.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	M, with oil spots, 100% m	0.32

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2015.02.01 @ 06:58:00

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	M, w ith oil spots, 100% <i>m</i>	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

