



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Denis Roberts Co.

2-10-26, Sheridan, KS

3904 Fairway Dr
Hays Ks 67601

Werth #7

Job Ticket: 50297

DST#: 1

ATTN:

Test Start: 2013.05.13 @ 21:20:00

GENERAL INFORMATION:

Formation: **KC "C,D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:59:00

Time Test Ended: 03:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3877.00 ft (KB) To 3910.00 ft (KB) (TVD)

Reference Elevations: 2593.00 ft (KB)

Total Depth: 3910.00 ft (KB) (TVD)

2588.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8319 Outside

Press @ RunDepth: 21.12 psig @ 3878.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.13

End Date:

2013.05.14

Last Calib.:

2013.05.14

Start Time: 21:20:05

End Time:

03:46:29

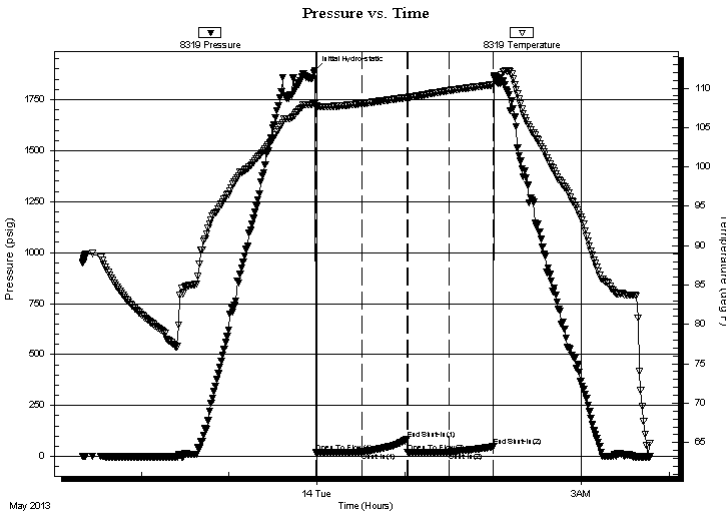
Time On Btm:

2013.05.13 @ 23:58:30

Time Off Btm:

TEST COMMENT: IF-1/2in blow
ISI-No blow
FF-No blow
FSi-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1893.40	108.11	Initial Hydro-static
1	19.14	107.71	Open To Flow (1)
32	21.96	108.04	Shut-In(1)
63	85.15	108.82	End Shut-In(1)
63	20.19	108.80	Open To Flow (2)
91	21.12	109.69	Shut-In(2)
121	47.77	110.43	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Denis Roberts Co.

2-10-26, Sheridan, KS

3904 Fairway Dr
Hays Ks 67601

Werth #7

Job Ticket: 50297

DST#: 1

ATTN:

Test Start: 2013.05.13 @ 21:20:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

