



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DNOC Oil CO. Inc.

PO Box 372
Hays Ks 67601

ATTN:

Crossland 1-16

16-13-22, Trego, Ks

Job Ticket: 41917

DST#: 3

Test Start: 2011.02.10 @ 11:55:53

GENERAL INFORMATION:

Formation: **KC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:06:53

Time Test Ended: 18:44:23

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

Interval: 3720.00 ft (KB) To 3761.00 ft (KB) (TVD)

Reference Elevations: 2318.00 ft (KB)

Total Depth: 4244.00 ft (KB) (TVD)

2308.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6719 Outside

Press @ Run Depth: 37.78 psig @ 3721.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.02.10 End Date: 2011.02.10

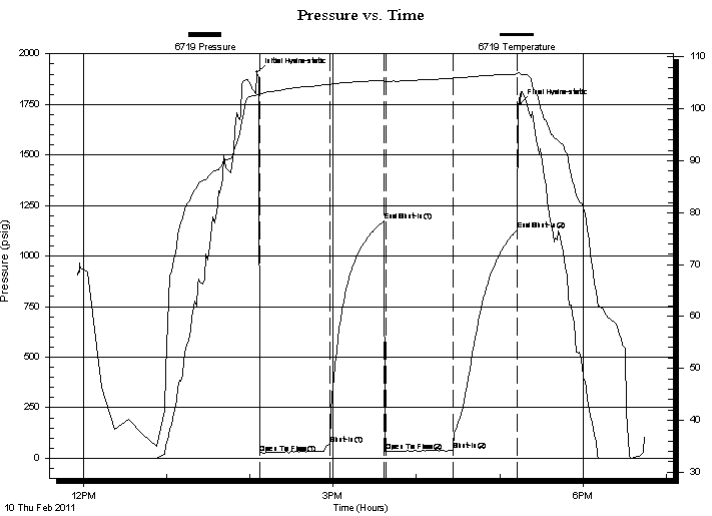
Last Calib.: 2011.02.10

Start Time: 11:55:58 End Time: 18:44:22

Time On Btm: 2011.02.10 @ 14:05:23

Time Off Btm: 2011.02.10 @ 17:14:53

TEST COMMENT: IF-2.25in blow died back to 2in
 IS- No blow
 FF-surface blow died in 2min Flushtool surface blow died in 6min
 FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.52	102.73	Initial Hydro-static
2	25.25	102.54	Open To Flow (1)
53	69.85	104.71	Shut-In(1)
92	1174.70	105.53	End Shut-In(1)
93	33.51	105.25	Open To Flow (2)
141	37.78	105.90	Shut-In(2)
187	1128.54	106.73	End Shut-In(2)
190	1753.37	106.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	V/SOCM 2%O 98%M	0.36

Gas Rates

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



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2308.00 ft (CF)

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Serial #: 8319 Below (Straddle)

Press @ Run Depth: psig @ 3766.00 ft (KB)

Start Date: 2011.02.10

End Date: 2011.02.10

Capacity: 8000.00 psig

Last Calib.: 2011.02.10

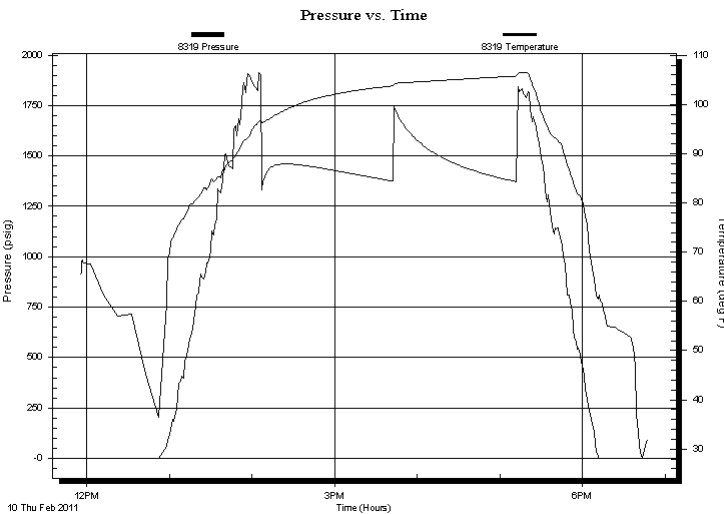
Start Time: 11:55:41

End Time: 18:47:05

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-2.25in blow died back to 2in
IS-No blow
FF-surface blow died in 2min Flushtool surface blow died in 6min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
45.00	VSOCM 2%O 98%M	0.36

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC Oil CO. Inc.

Crossland 1-16

PO Box 372
Hays Ks 67601

16-13-22, Trego, Ks

Job Ticket: 41917

DST#: 3

ATTN:

Test Start: 2011.02.10 @ 11:55:53

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	VSOCM 2%O 98%M	0.358

Total Length: 45.00 ft Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

