



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 49525

DST#: 1

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.26 @ 17:04:10

GENERAL INFORMATION:

Formation: **Lansing B,D,F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:07:25

Time Test Ended: 02:08:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 3281.00 ft (KB) To 3345.00 ft (KB) (TVD)

Reference Elevations: 1838.00 ft (KB)

Total Depth: 3345.00 ft (KB) (TVD)

1829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Outside

Press @ RunDepth: 45.07 psig @ 3282.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.26

End Date: 2013.01.27

Last Calib.: 2013.01.27

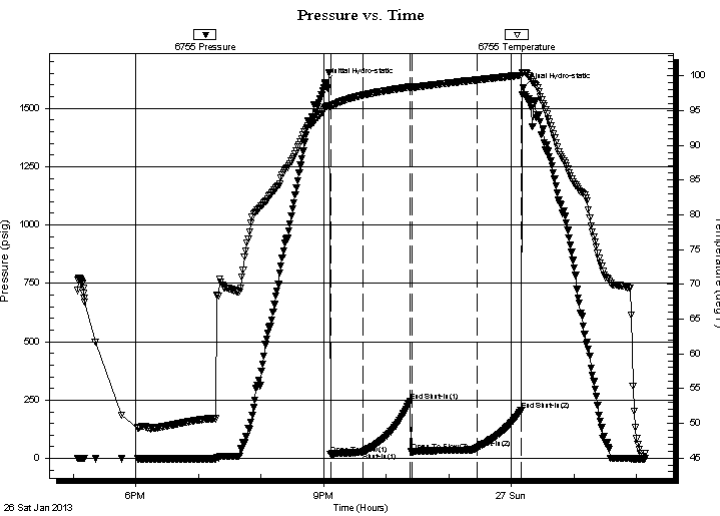
Start Time: 17:04:15

End Time: 02:08:40

Time On Btm: 2013.01.26 @ 21:01:25

Time Off Btm: 2013.01.27 @ 00:11:10

TEST COMMENT: IF: Fair blow 5"
IS: No blow back
FF: Fair blow 6"
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.53	95.28	Initial Hydro-static
6	18.31	95.66	Open To Flow (1)
36	27.07	97.21	Shut-In(1)
82	245.06	98.40	End Shut-In(1)
83	30.11	98.32	Open To Flow (2)
146	45.07	99.42	Shut-In(2)
188	205.60	100.09	End Shut-In(2)
190	1590.18	100.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MUD	0.25

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 49525

DST#: 1

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.26 @ 17:04:10

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MUD	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

Outside Hutchinson Oil

V&V #1

DST Test Number: 1

