



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc.

**FHSU 1-7**

PO Box 1019  
113 west 13th  
Hays Ks 67601  
ATTN: Ron Nelson

**7-14-18w, Ellis, Ks**

Job Ticket: 34334

**DST#: 3**

Test Start: 2011.06.05 @ 14:15:45

## GENERAL INFORMATION:

Formation: **KC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:44:15  
 Time Test Ended: 20:10:15  
 Interval: **3553.00 ft (KB) To 3580.00 ft (KB) (TVD)**  
 Total Depth: 3580.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Brett Dickinson  
 Unit No: 47  
 Reference Elevations: 2071.00 ft (KB)  
 2063.00 ft (CF)  
 KB to GR/CF: 8.00 ft

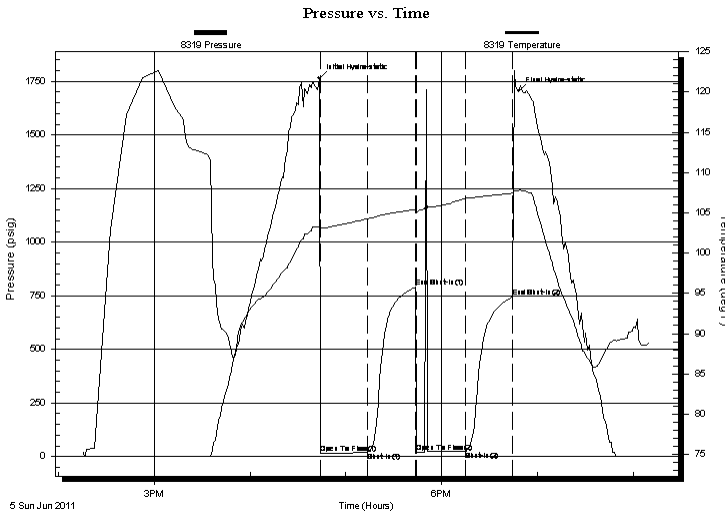
**Serial #: 8319**

**Outside**

Press @ Run Depth: 25.19 psig @ 3554.00 ft (KB)  
 Start Date: 2011.06.05 End Date: 2011.06.05  
 Start Time: 14:15:50 End Time: 20:10:14  
 Capacity: 8000.00 psig  
 Last Calib.: 2011.06.05  
 Time On Btm: 2011.06.05 @ 16:43:15  
 Time Off Btm: 2011.06.05 @ 18:48:15

**TEST COMMENT:** IF-weak surface blow died in 19min  
 IS- No blow  
 FF- No blow  
 FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.95	103.31	Initial Hydro-static
1	14.98	102.99	Open To Flow (1)
31	20.19	104.26	Shut-In(1)
61	789.30	105.43	End Shut-In(1)
61	20.21	105.03	Open To Flow (2)
92	25.19	106.79	Shut-In(2)
121	743.22	107.43	End Shut-In(2)
125	1703.20	107.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	oilspotted mud	0.07

## Gas Rates

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



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## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	oilspotted mud	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

