



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning Nelson Oil Co inc

**17-20s-20w**

Po Box 372  
Hays Ks 67601

**Showalter 1-17**

ATTN: Ron Nelson

Job Ticket: 46247

**DST#: 3**

Test Start: 2012.01.11 @ 13:00:16

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:22:16

Time Test Ended: 20:39:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 4306.00 ft (KB) To 4316.00 ft (KB) (TVD)**

Reference Elevations: 2187.00 ft (KB)

Total Depth: 4316.00 ft (KB) (TVD)

2179.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8321 Inside**

Press @RunDepth: 126.75 psig @ 4309.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.11 End Date: 2012.01.11

Last Calib.: 2012.01.11

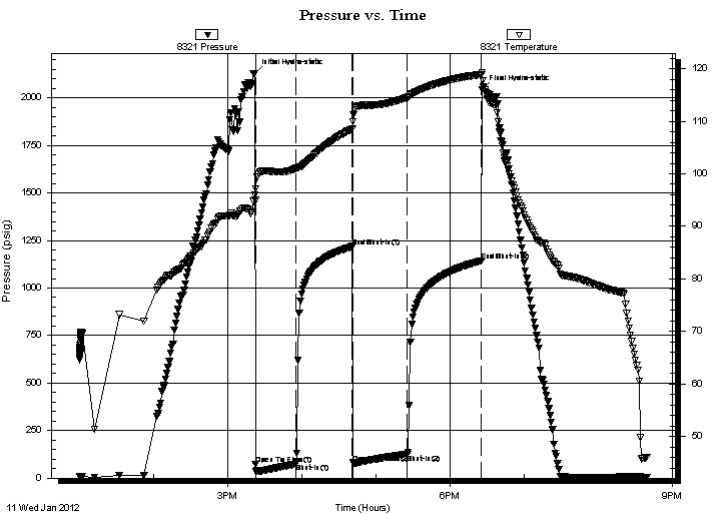
Start Time: 13:00:17 End Time: 20:38:46

Time On Btm: 2012.01.11 @ 15:21:46

Time Off Btm: 2012.01.11 @ 18:25:46

**TEST COMMENT:** IFP-Good blow BOB in 10 min  
ISI-Weak blow back built to 1 1/4 in  
FFP-Good blow BOB in 15 min  
FSI-Weak blow blow built 1 1/8 in

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.46	95.91	Initial Hydro-static
1	71.01	94.98	Open To Flow (1)
34	76.98	101.04	Shut-In(1)
79	1218.19	108.55	End Shut-In(1)
80	80.09	109.88	Open To Flow (2)
124	126.75	114.52	Shut-In(2)
184	1143.41	118.90	End Shut-In(2)
184	2041.74	119.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
32.00	GOCM 10%G10%O80%M	0.17
268.00	Gassy Oil 30%G70%M	3.76
0.00	330 GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Dow ning Nelson Oil Co inc

**17-20s-20w**

Po Box 372  
Hays Ks 67601

**Showalter 1-17**

Job Ticket: 46247

**DST#: 3**

ATTN: Ron Nelson

Test Start: 2012.01.11 @ 13:00:16

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 89.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
32.00	GOCM 10%G10%O80%M	0.166
268.00	Gassy Oil 30%G70%M	3.759
0.00	330 GIP	0.000

Total Length: 300.00 ft      Total Volume: 3.925 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

Inside

Downing Nelson Oil Co Inc

Show after 1-17

DST Test Number: 3

