



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

**Saxton Family Unit #1-19**

P O Box 1019  
Hays Ks 67601

**19-20s-20w Pawnee**

ATTN: Ron Nelson

Job Ticket: 43625

**DST#: 2**

Test Start: 2011.07.16 @ 01:25:05

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:30:30

Time Test Ended: 07:12:59

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 4330.00 ft (KB) To 4340.00 ft (KB) (TVD)**

Reference Elevations: 2181.00 ft (KB)

Total Depth: 4343.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 50.55 psig @ 4331.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.16

End Date:

2011.07.16

Last Calib.:

2011.07.16

Start Time:

01:25:05

End Time:

07:12:59

Time On Btm:

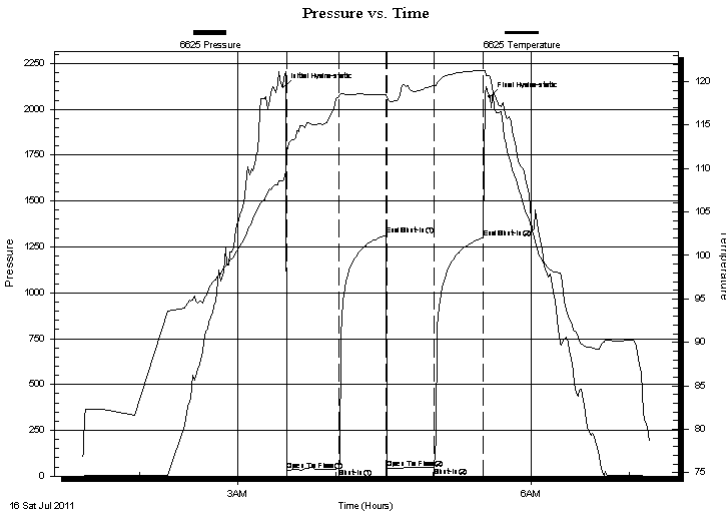
2011.07.16 @ 03:28:00

Time Off Btm:

2011.07.16 @ 05:34:30

**TEST COMMENT:** 30-IFP-w k bl 1/4" to 1 1/2" bl  
30-ISIP-no bl  
30-FFP-surface bl thru-out  
30-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.91	108.55	Initial Hydro-static
3	30.92	111.88	Open To Flow (1)
34	39.80	118.32	Shut-In(1)
63	1313.37	118.51	End Shut-In(1)
64	41.13	118.15	Open To Flow (2)
93	50.55	119.48	Shut-In(2)
123	1300.57	121.28	End Shut-In(2)
127	2069.84	120.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 45%M55%W	0.71

## Gas Rates

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



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**FLUID SUMMARY**

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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:

24000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.09 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MW 45%M55%W	0.709

Total Length: 70.00 ft      Total Volume: 0.709 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.28@70F

