



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

Johnson 1-13

P.O. Box 372
Hays Ks 67601-0372

13-14s-19w Ellis

ATTN: Ron Nelson

Job Ticket: 41667

DST#: 2

Test Start: 2011.01.18 @ 00:24:58

GENERAL INFORMATION:

Formation: **LKC H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:33:23

Time Test Ended: 06:27:52

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 3562.00 ft (KB) To 3618.00 ft (KB) (TVD)

Reference Elevations: 2148.00 ft (KB)

Total Depth: 3618.00 ft (KB) (TVD)

2140.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press @ RunDepth: 33.84 psig @ 3564.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.18

End Date:

2011.01.18

Last Calib.:

2011.01.18

Start Time: 00:24:58

End Time:

06:27:52

Time On Btm:

2011.01.18 @ 02:29:53

Time Off Btm:

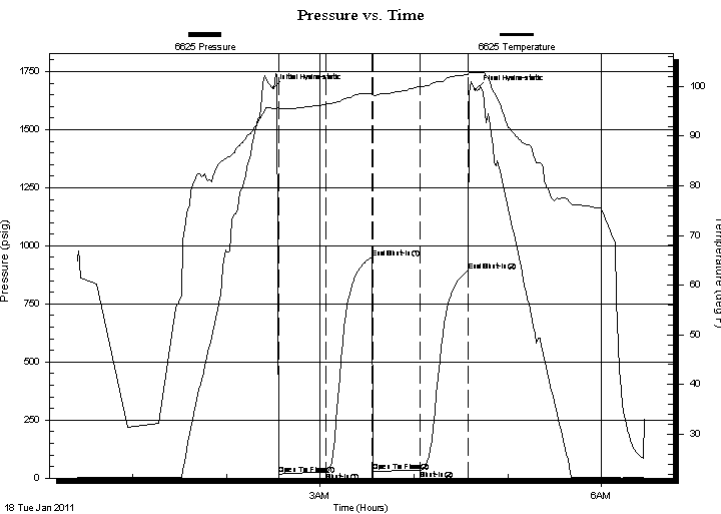
2011.01.18 @ 04:39:23

TEST COMMENT: IFP-w k bl 1/4"to 1/2"bl

ISIP-no bl bk

FFP-w k bl 1/4"

FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1677.07	95.60	Initial Hydro-static
4	16.38	95.48	Open To Flow (1)
34	26.44	96.40	Shut-In(1)
64	948.05	98.59	End Shut-In(1)
64	27.57	98.29	Open To Flow (2)
94	33.84	99.94	Shut-In(2)
125	893.33	102.43	End Shut-In(2)
130	1672.24	102.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w/show of oil	0.05

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: ppm

Viscosity: 58.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w/show of oil	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

