



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co.

RBL Unit #1-25

P.O. Box 1019
Hays, Ks 67601

25/13S/21W-Trego

Job Ticket: 42800

DST#: 3

ATTN: Ron Nelson

Test Start: 2011.05.03 @ 13:42:06

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:24:36

Time Test Ended: 20:12:06

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 38

Interval: 3765.00 ft (KB) To 3792.00 ft (KB) (TVD)

Reference Elevations: 2311.00 ft (KB)

Total Depth: 3792.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 61.80 psig @ 3767.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.03

End Date: 2011.05.03

Last Calib.: 2011.05.03

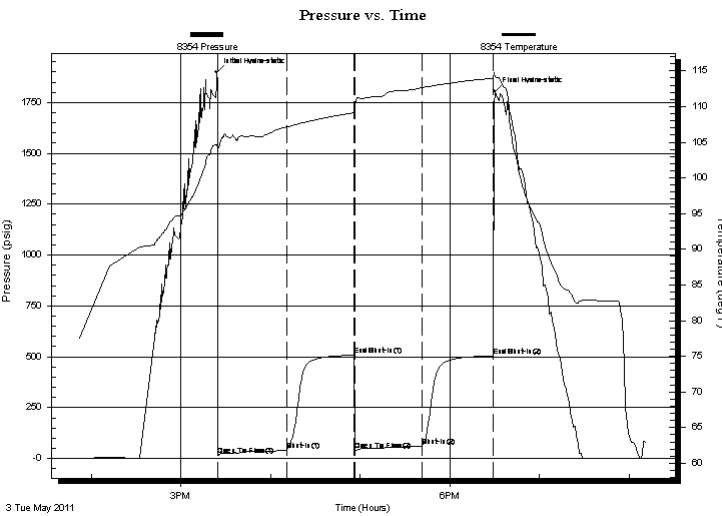
Start Time: 13:52:06

End Time: 20:12:06

Time On Btm: 2011.05.03 @ 15:23:46

Time Off Btm: 2011.05.03 @ 18:30:06

TEST COMMENT: IF-Weak building blow . BOB in 17 minutes.
 IS-No Return.
 FF-Weak building blow . BOB in 13 minutes 40 seconds.
 FS-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.77	104.60	Initial Hydro-static
1	16.40	103.78	Open To Flow (1)
47	40.35	107.14	Shut-In(1)
92	508.88	109.12	End Shut-In(1)
93	42.22	110.29	Open To Flow (2)
138	61.80	112.66	Shut-In(2)
186	505.60	113.95	End Shut-In(2)
187	1805.73	114.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	50% Gas/35% Oil/10% Mud/5% Water	1.40
0.00	434' G.I.P.	0.00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	50%Gas/35%Oil/10%Mud/5%Water	1.401
0.00	434' G.I.P.	0.000

Total Length: 120.00 ft

Total Volume: 1.401 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

