



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer

15 5s 20w Phillips KS

Box 352
Russell KS

States A #1

Job Ticket: 47953

DST#: 2

ATTN: John, Matt, Austin

Test Start: 2012.06.18 @ 03:10:55

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:05

Time Test Ended: 08:46:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 38

Interval: 3329.00 ft (KB) To 3350.00 ft (KB) (TVD)

Reference Elevations: 3135.00 ft (KB)

Total Depth: 3350.00 ft (KB) (TVD)

3130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8520 Outside

Press @ Run Depth: 287.99 psig @ 3332.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.18

End Date:

2012.06.18

Last Calib.:

2012.06.18

Start Time: 03:10:55

End Time:

08:46:25

Time On Btm:

2012.06.18 @ 04:24:15

Time Off Btm:

2012.06.18 @ 07:25:55

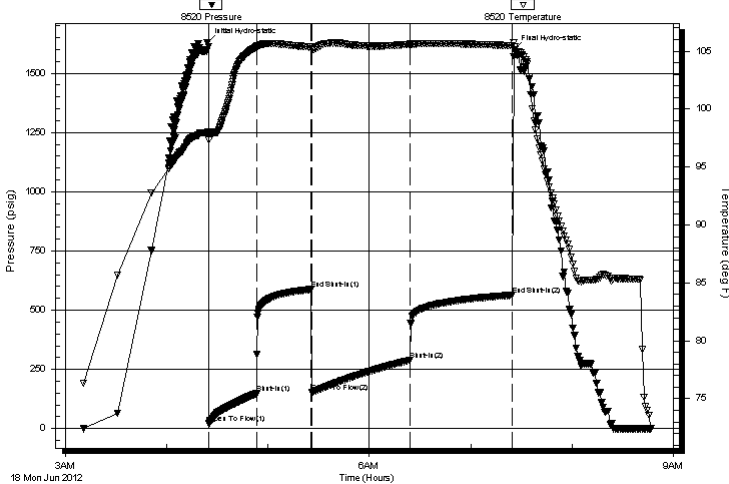
TEST COMMENT: 30-tool slid 4' before opening 1" blow built to bottom of bucket in 11 minutes

30- weak surface blow

60- bottom of bucket in 15 minutes

60- no blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1630.13	97.97	Initial Hydro-static
1	20.24	97.38	Open To Flow (1)
29	147.81	105.36	Shut-In(1)
62	587.11	105.35	End Shut-In(1)
62	151.37	105.25	Open To Flow (2)
120	287.99	105.57	Shut-In(2)
181	563.45	105.48	End Shut-In(2)
182	1599.47	105.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	clean oil 34 gravity	0.05
560.00	muddy w ater 95% w ater 5% mud	6.85
0.00	50' gas in pipe	0.00
0.00	Rw .126 @ 75 = 55,000ppm	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	clean oil 34 gravity	0.049
560.00	muddy water 95% water 5% mud	6.853
0.00	50' gas in pipe	0.000
0.00	Rw .126 @ 75 = 55,000ppm	0.000

Total Length: 570.00 ft

Total Volume: 6.902 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .126@75

Pressure vs. Time

