



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lebsack Oil Production

34-20S-10W Rice

PO Box 354
Chase, KS 67524

North River 3

Job Ticket: 51823

DST#: 1

ATTN: Josh Austin

Test Start: 2014.08.20 @ 03:08:44

GENERAL INFORMATION:

Formation: **Lansing "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:02:44

Time Test Ended: 10:08:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3060.00 ft (KB) To 3078.00 ft (KB) (TVD)

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3078.00 ft (KB) (TVD)

1719.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 69.73 psig @ 3061.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.20

End Date:

2014.08.20

Last Calib.:

2014.08.20

Start Time: 03:08:45

End Time:

10:08:44

Time On Btm:

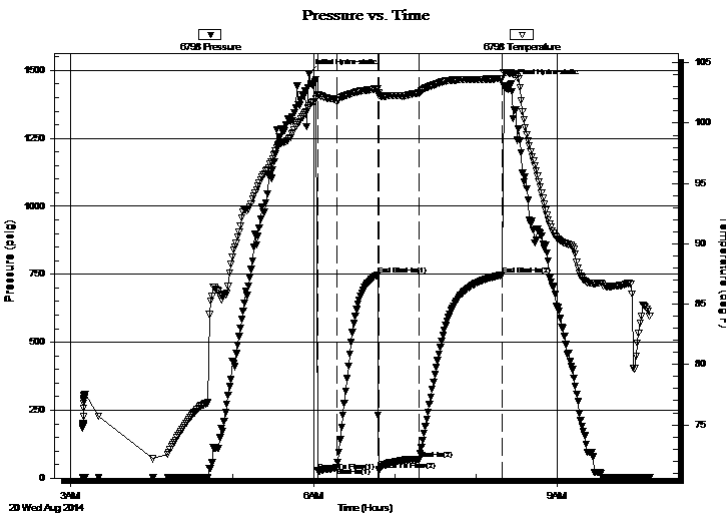
2014.08.20 @ 05:56:29

Time Off Btm:

2014.08.20 @ 08:25:44

TEST COMMENT: IF: Strong Blow , BOB in 45 seconds
IS: No Blow Back
FF: Strong Blow , BOB in 30 seconds
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1489.34	101.41	Initial Hydro-static
7	26.39	102.38	Open To Flow (1)
21	40.43	101.85	Shut-In(1)
51	748.00	102.85	End Shut-In(1)
52	29.49	102.48	Open To Flow (2)
82	69.73	102.48	Shut-In(2)
143	748.04	103.68	End Shut-In(2)
150	1451.19	104.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1954 GIP	0.00
217.00	GMWCO 60%G 6%M 12%W 22%O	1.07

Gas Rates

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



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FLUID SUMMARY

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North River 3

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DST#: 1

ATTN: Josh Austin

Test Start: 2014.08.20 @ 03:08:44

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:

60000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	1954 GIP	0.000
217.00	GMWCO 60%G 6%M 12%W 22%O	1.067

Total Length: 217.00 ft Total Volume: 1.067 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .13 @ 75 degrees

Serial #: 6798

Inside

Lebsack Oil Production

North River 3

DST Test Number: 1

