



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dreiling Oil Inc.

20-13S-17W - Ellis, KS

1008 Cody Ave.
Hays, KS 67601

Dreiling Trust #1

Job Ticket: 55185

DST#: 1

ATTN: Roger Fisher

Test Start: 2013.10.21 @ 02:13:00

GENERAL INFORMATION:

Formation: **LKC "C-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:00:40

Time Test Ended: 08:28:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3267.00 ft (KB) To 3344.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3344.00 ft (KB) (TVD)

2029.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 37.76 psig @ 3268.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.21

End Date:

2013.10.21

Last Calib.: 2013.10.21

Start Time: 02:14:00

End Time:

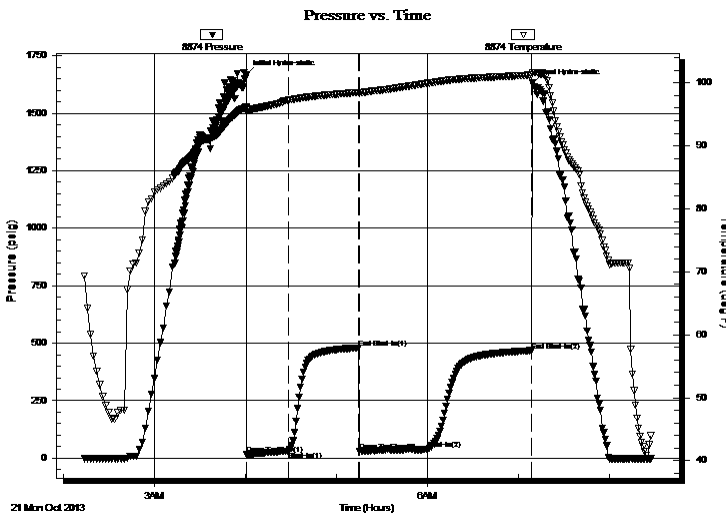
08:28:00

Time On Btm: 2013.10.21 @ 04:00:30

Time Off Btm: 2013.10.21 @ 07:09:30

TEST COMMENT: 30 - IF- 1/8" Blow built to 2 1/2"
45 - IS- No Return
45 - FF- Surface Blow started at 5 min. Built to 1 3/4"
60 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1666.65	96.13	Initial Hydro-static
1	15.72	95.47	Open To Flow (1)
28	30.86	97.27	Shut-In(1)
74	480.06	98.50	End Shut-In(1)
75	31.62	98.41	Open To Flow (2)
120	37.76	99.94	Shut-In(2)
188	467.78	101.24	End Shut-In(2)
189	1630.65	101.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OSM 10M (oil spots)	0.43

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2013.10.21 @ 02:13:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	OSM 10M (oil spots)	0.428

Total Length: 50.00 ft Total Volume: 0.428 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8874

Inside

Drelling Oil Inc.

Drelling Trust #1

DST Test Number: 1

