



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco, LLC

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #6-22

Job Ticket: 53554

DST#: 1

ATTN: Pete Vollmer

Test Start: 2013.11.28 @ 18:43:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:00

Time Test Ended: 05:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3974.00 ft (KB) To 4055.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4055.00 ft (KB) (TVD)

3217.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8874 Inside

Press@RunDepth: 185.16 psig @ 3975.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.28

End Date:

2013.11.29

Last Calib.:

2013.11.29

Start Time: 18:44:00

End Time:

05:18:00

Time On Btm:

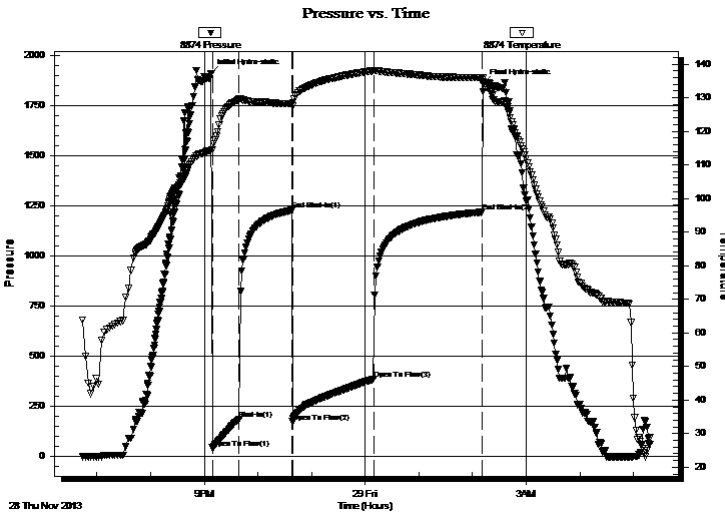
2013.11.28 @ 21:07:30

Time Off Btm:

2013.11.29 @ 02:11:30

TEST COMMENT: 30 - IF- BoB in 13 min.
60 - IS- No Return
90 - FF- BoB in 20 min.
120 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1909.20	114.30	Initial Hydro-static
2	41.99	114.42	Open To Flow (1)
32	185.16	129.53	Shut-In(1)
90	1227.86	128.16	End Shut-In(1)
91	172.45	127.52	Open To Flow (2)
182	385.37	138.03	Open To Flow (3)
303	1218.75	135.94	End Shut-In(2)
304	1859.60	135.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (heavy) 100M	0.02
535.00	MW 5M 95W	2.63
186.00	MW 10M 90W	2.55
102.00	WM 60M 40W	1.43

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (heavy) 100M	0.025
535.00	MW 5M 95W	2.631
186.00	MW 10M 90W	2.554
102.00	WM 60M 40W	1.431

Total Length: 828.00 ft Total Volume: 6.641 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Show of oil spots in tool

