



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC.

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #4-22

Job Ticket: 53397

DST#: 2

ATTN: Pete Vollmer

Test Start: 2014.03.01 @ 06:47:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:30:00

Time Test Ended: 16:11:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4080.00 ft (KB) To 4160.00 ft (KB) (TVD)

Total Depth: 4160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3186.00 ft (KB)

3173.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 292.90 psig @ 4081.00 ft (KB)

Start Date: 2014.03.01

End Date: 2014.03.01

Start Time: 06:48:00

End Time: 16:11:00

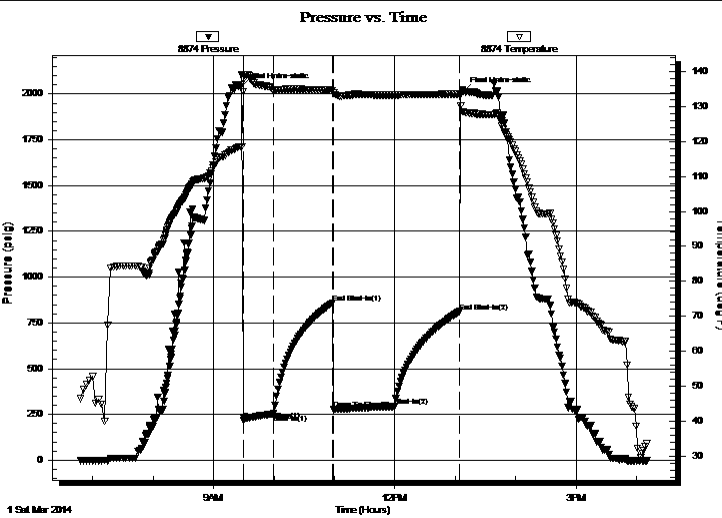
Capacity: 8000.00 psig

Last Calib.: 2014.03.01

Time On Btm: 2014.03.01 @ 09:27:00

Time Off Btm: 2014.03.01 @ 13:08:00

TEST COMMENT: 30 - IF- BoB in 30 sec.
60 - IS- No Return
60 - FF- Surface Blow built to 2 1/2"
60 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.55	118.53	Initial Hydro-static
3	217.58	137.71	Open To Flow (1)
33	253.78	134.63	Shut-In(1)
91	858.73	134.64	End Shut-In(1)
93	276.56	133.89	Open To Flow (2)
153	292.90	133.29	Shut-In(2)
217	812.06	133.59	End Shut-In(2)
221	2014.08	128.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
564.00	OSM 100M (oil spots)	3.10
60.00	OCM 95M 5o	0.84

Gas Rates

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



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3173.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8653 Outside

Press @ Run Depth: psig @ 4081.00 ft (KB)

Start Date: 2014.03.01 End Date: 2014.03.01

Start Time: 06:48:00 End Time: 16:09:00

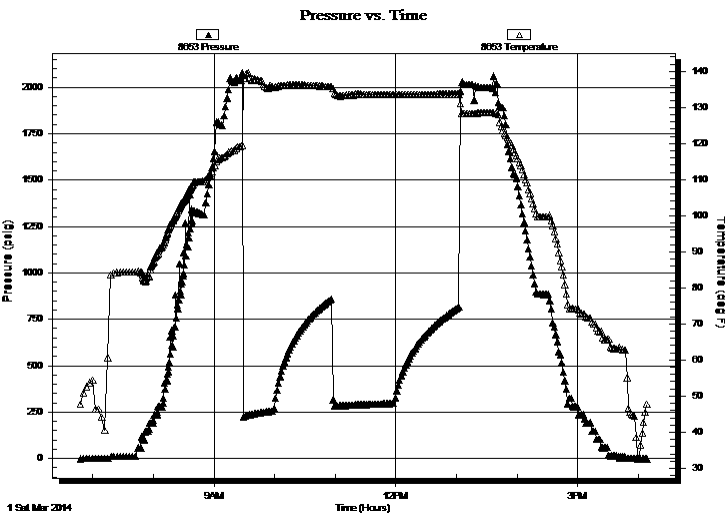
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FLUID SUMMARY

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Michael #4-22

Job Ticket: 53397

DST#: 2

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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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
564.00	OSM 100M (oil spots)	3.102
60.00	OCM 95M 5o	0.842

Total Length: 624.00 ft Total Volume: 3.944 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

