



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

4/2s/37w Cheyenne KS

McFee #1-4

Job Ticket: 63447

DST#: 4

Test Start: 2018.01.15 @ 22:47:00

GENERAL INFORMATION:

Formation: **LKC "C - D"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Straddle (Reset)
 Time Tool Opened: 05:52:30
 Tester: James Winder
 Time Test Ended: 14:48:45
 Unit No: 83
 Interval: **4306.00 ft (KB) To 4396.00 ft (KB) (TVD)**
 Reference Elevations: 3273.00 ft (KB)
 Total Depth: 4796.00 ft (KB) (TVD)
 3266.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 7.00 ft

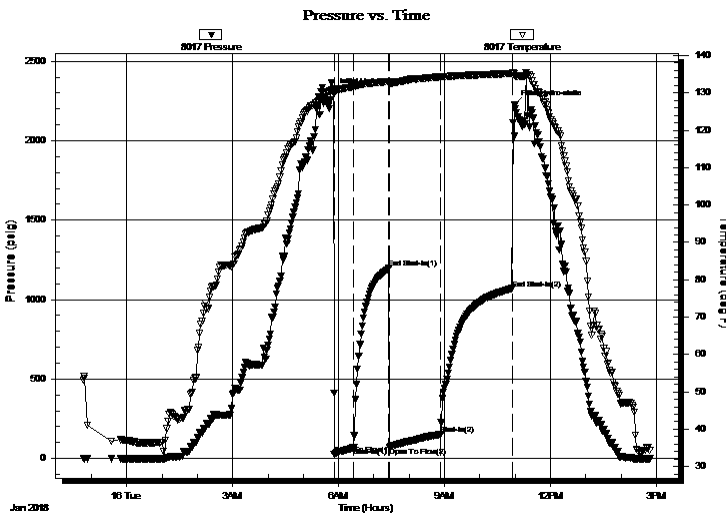
Serial #: 8017

Outside

Press@RunDepth: 151.84 psig @ 4307.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.01.15 End Date: 2018.01.16 Last Calib.: 2018.01.16
 Start Time: 22:47:05 End Time: 14:48:45 Time On Btm: 2018.01.16 @ 05:52:00
 Time Off Btm: 2018.01.16 @ 10:59:00

TEST COMMENT: 30 - IF: 1" Blow at open, built to 5"
 60 - IS: No blow back
 90 - FF: Blow started at 6 min., built to 3 3/4"
 120 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.89	130.99	Initial Hydro-static
1	27.85	130.22	Open To Flow (1)
34	67.29	131.66	Shut-In(1)
94	1197.37	133.01	End Shut-In(1)
94	70.66	132.60	Open To Flow (2)
182	151.84	134.24	Shut-In(2)
303	1068.93	135.14	End Shut-In(2)
307	2227.52	134.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
235.00	Mud 100%	1.16

* Recovery from multiple tests

Gas Rates

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



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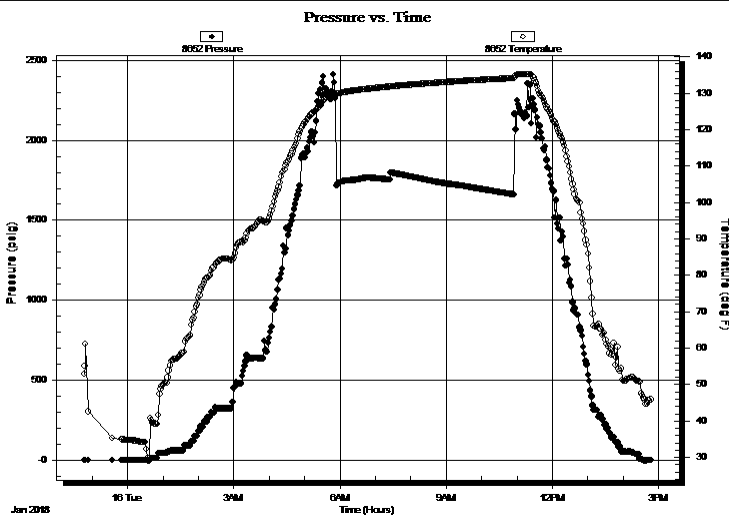
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Total Depth: 4796.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: James Winder
Unit No: 83
Reference Elevations: 3273.00 ft (KB)
3266.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8652 Below (Straddle)

Press@RunDepth: psig @ 4397.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.01.15 End Date: 2018.01.16 Last Calib.: 2018.01.16
Start Time: 22:47:05 End Time: 14:48:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF: 1" Blow at open, built to 5"
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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
235.00	Mud 100%	1.16

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

4/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

McFee #1-4

Job Ticket: 63447

DST#: 4

ATTN: Bryan Bynog

Test Start: 2018.01.15 @ 22:47:00

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: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
235.00	Mud 100%	1.156

Total Length: 235.00 ft Total Volume: 1.156 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

