



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

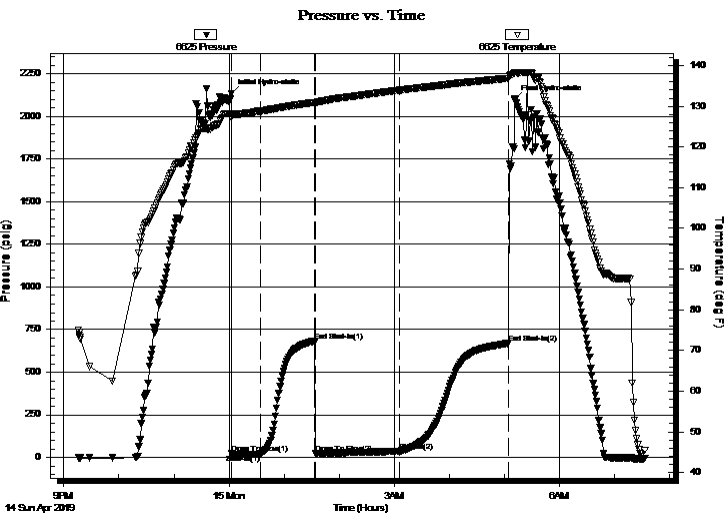
12/25/37W Cheyenne KS
Bud #1-12
 Job Ticket: 65358 **DST#: 1**
 Test Start: 2019.04.14 @ 21:16:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:02:45
 Time Test Ended: 07:33:00
 Interval: **4188.00 ft (KB) To 4258.00 ft (KB) (TVD)**
 Total Depth: 4258.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: James Winder/Shaw n W
 Unit No: 83
 Reference Elevations: 3397.00 ft (KB)
 3389.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 35.07 psig @ 4189.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.14 End Date: 2019.04.15 Last Calib.: 2019.04.15
 Start Time: 21:16:05 End Time: 07:33:00 Time On Btm: 2019.04.15 @ 00:02:30
 Time Off Btm: 2019.04.15 @ 05:11:30

TEST COMMENT: 30-IF-Blow built to 1"
 60-ISI-No blow back
 90-FF-Blow built to 1/2"
 120-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.64	128.19	Initial Hydro-static
1	22.04	127.23	Open To Flow (1)
32	20.47	128.82	Shut-In(1)
91	683.51	130.94	End Shut-In(1)
92	24.22	130.88	Open To Flow (2)
183	35.07	133.94	Shut-In(2)
302	668.78	136.83	End Shut-In(2)
309	2099.17	138.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	HOCM 70%M, 30%O	0.20
5.00	HMCO 67%O, 33%M	0.02

Gas Rates

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



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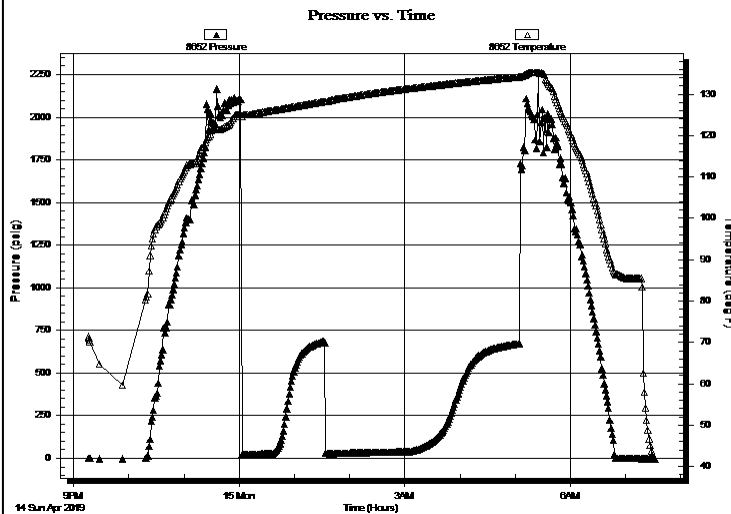
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Unit No: 83
Reference Elevations: 3397.00 ft (KB)
 3389.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8652 Outside
Press@RunDepth: psig @ 4189.00 ft (KB) **Capacity:** 8000.00 psig
Start Date: 2019.04.14 **End Date:** 2019.04.15 **Last Calib.:** 2019.04.15
Start Time: 21:16:05 **End Time:** 07:32:15 **Time On Btm:**
Time Off Btm:

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FLUID SUMMARY

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12/25/37W Cheyenne KS

2020 N Bramblewood
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Bud #1-12

Job Ticket: 65358

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
40.00	HOCM 70%M, 30%O	0.197
5.00	HMCO 67%O, 33%M	0.025

Total Length: 45.00 ft Total Volume: 0.222 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity 25API @ 46DEG F Corrected gravity 26.4 API

