



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita Ks 67206
ATTN: Ed Grieves

20 21s 32w Finney Ks

Melodie 1-20

Job Ticket: 65205

DST#: 3

Test Start: 2019.03.24 @ 13:23:00

GENERAL INFORMATION:

Formation: **Base of Cherokee - S**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:02:45

Time Test Ended: 00:24:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4668.00 ft (KB) To 4950.00 ft (KB) (TVD)

Reference Elevations: 2908.00 ft (KB)

Total Depth: 4950.00 ft (KB) (TVD)

2896.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522 Inside

Press@RunDepth: 121.79 psig @ 4669.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.24

End Date:

2019.03.25

Last Calib.:

2019.03.25

Start Time: 13:23:05

End Time:

00:24:00

Time On Btm:

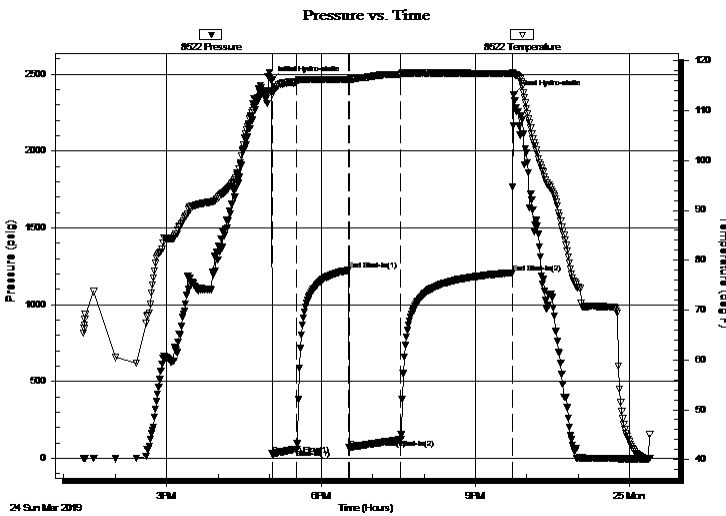
2019.03.24 @ 17:02:30

Time Off Btm:

2019.03.24 @ 21:44:45

TEST COMMENT: 30- IF: 7 1/2" blow.
60- IS: No return.
60- FF: 8" blow.
120- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.79	114.00	Initial Hydro-static
1	28.91	113.20	Open To Flow (1)
30	60.17	115.80	Shut-In(1)
90	1224.71	116.22	End Shut-In(1)
90	67.23	116.09	Open To Flow (2)
151	121.79	117.27	Shut-In(2)
281	1208.17	117.45	End Shut-In(2)
283	2367.45	117.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	mcw 50m 50w	3.16

Gas Rates

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

* Recovery from multiple tests



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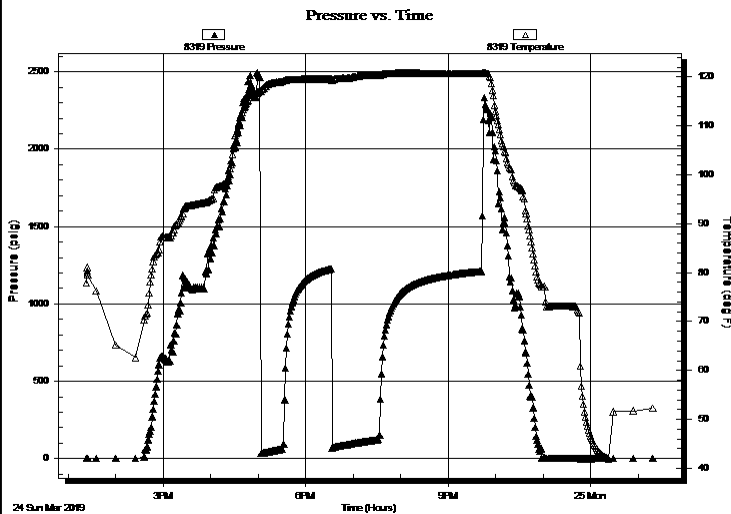
20 21s 32w Finney Ks
Melodie 1-20
 Job Ticket: 65205 **DST#: 3**
 Test Start: 2019.03.24 @ 13:23:00

GENERAL INFORMATION:

Formation: **Base of Cherokee - S**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:02:45
 Time Test Ended: 00:24:00
 Interval: **4668.00 ft (KB) To 4950.00 ft (KB) (TVD)**
 Total Depth: 4950.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2908.00 ft (KB)
 2896.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8319 Outside
 Press@RunDepth: psig @ 4669.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.24 End Date: 2019.03.25 Last Calib.: 2019.03.25
 Start Time: 13:23:05 End Time: 01:28:08 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30- IF: 7 1/2" blow .
 60- IS: No return.
 60- FF: 8" blow .
 120- FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
225.00	mcw 50m 50w	3.16

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

20 21s 32w Finney Ks

2020 N Bramblewood
Wichita Ks 67206

Melodie 1-20

Job Ticket: 65205

DST#: 3

ATTN: Ed Grieves

Test Start: 2019.03.24 @ 13:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

54000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
225.00	mcw 50m 50w	3.156

Total Length: 225.00 ft Total Volume: 3.156 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .171 @ 57F = 54,000ppm

