



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 Bramblwood
 Wichita KS
 67206
 ATTN: Ed Grieves

21-23s-31w Finney Co KS

Carley #1-21

Job Ticket: 65135

DST#: 2

Test Start: 2019.04.19 @ 12:45:15

GENERAL INFORMATION:

Formation: **St. Genevieve**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 14:50:30 Tester: Mike Roberts
 Time Test Ended: 20:31:00 Unit No: 81
 Interval: **4806.00 ft (KB) To 4845.00 ft (KB) (TVD)** Reference Elevations: 2906.00 ft (KB)
 Total Depth: 4845.00 ft (KB) (TVD) 2896.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

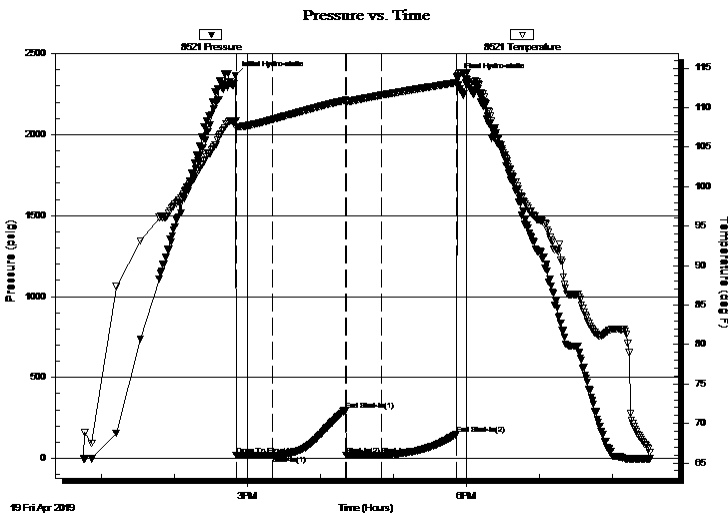
Serial #: 8521

Inside

Press@RunDepth: 19.52 psig @ 4807.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.19 End Date: 2019.04.19 Last Calib.: 2019.04.19
 Start Time: 12:45:15 End Time: 20:31:00 Time On Btm: 2019.04.19 @ 14:50:00
 Time Off Btm: 2019.04.19 @ 17:52:00

TEST COMMENT: IF:Weak surface blow
 IS:No return blow
 FF:No blow
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2364.54	108.24	Initial Hydro-static
1	18.33	107.45	Open To Flow (1)
31	19.52	108.50	Shut-In(1)
91	295.70	110.93	End Shut-In(1)
91	19.09	110.70	Shut-In(2)
120	19.44	111.57	Shut-In(3)
182	149.16	113.15	End Shut-In(2)
182	2352.74	113.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud with oil spots 100%m	0.03

* Recovery from multiple tests

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud with oil spots 100% _m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8521

Inside

Berexco LLC

Carley #1-21

DST Test Number: 2

