



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita KS 67206+1094
ATTN: Jerry Smith

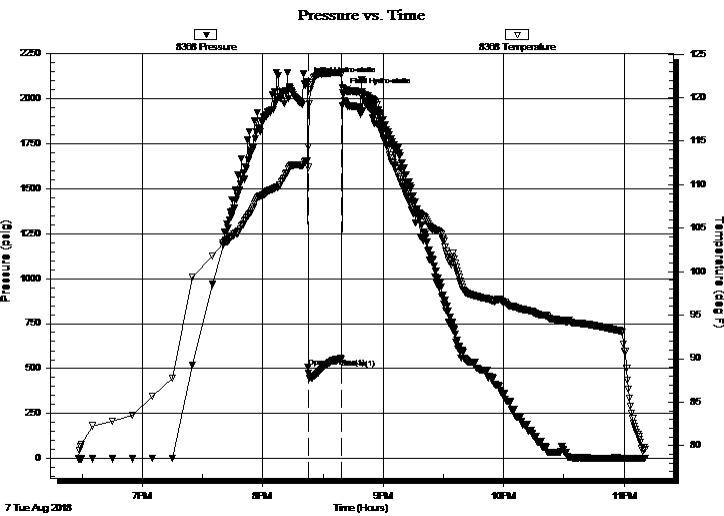
21-16S-21W Ness KS
Chaff #8
Job Ticket: 64578 **DST#: 1**
Test Start: 2018.08.07 @ 18:28:00

GENERAL INFORMATION:

Formation: **Cherokee 'A' Sand**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 20:22:30 Tester: Spencer J. Staab
Time Test Ended: 23:10:15 Unit No: 84
Interval: 4213.00 ft (KB) To 4228.00 ft (KB) (TVD) Reference Elevations: 2343.00 ft (KB)
Total Depth: 4228.00 ft (KB) (TVD) 2336.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8368 **Inside**
Press@RunDepth: psig @ 4214.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.08.07 End Date: 2018.08.07 Last Calib.: 2018.08.07
Start Time: 18:28:15 End Time: 23:10:15 Time On Btm: 2018.08.07 @ 20:22:15
Time Off Btm: 2018.08.07 @ 20:40:00

TEST COMMENT: 15-IF-Strong Blow ; BOB 45 secs; Built to 100"
Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.83	112.75	Initial Hydro-static
1	508.62	112.00	Open To Flow (1)
17	554.07	122.70	Shut-In(1)
18	2030.42	121.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1000.00	GW 5%G 95%W	14.18
200.00	MW 50%M 50%W	2.84

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Jerry Smith

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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:

30000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1000.00	GW 5%G 95%W	14.175
200.00	MW 50%M 50%W	2.835

Total Length: 1200.00 ft Total Volume: 17.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

RW=.211@80F

