



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC

25 22s 38w Kearney, Ks

2020 N Bramble ood
Wichita, Ks 67206

Patterson KGS #5-25

ATTN: Ed Grieves

Job Ticket: 66192

DST#: 3

Test Start: 2020.04.02 @ 09:55:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:30:30

Time Test Ended: 18:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 5640.00 ft (KB) To 5710.00 ft (KB) (TVD)

Reference Elevations: 3329.00 ft (KB)

Total Depth: 5719.00 ft (KB) (TVD)

3317.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522

Inside

Press@RunDepth: 164.26 psig @ 5641.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.04.02 End Date: 2020.04.02

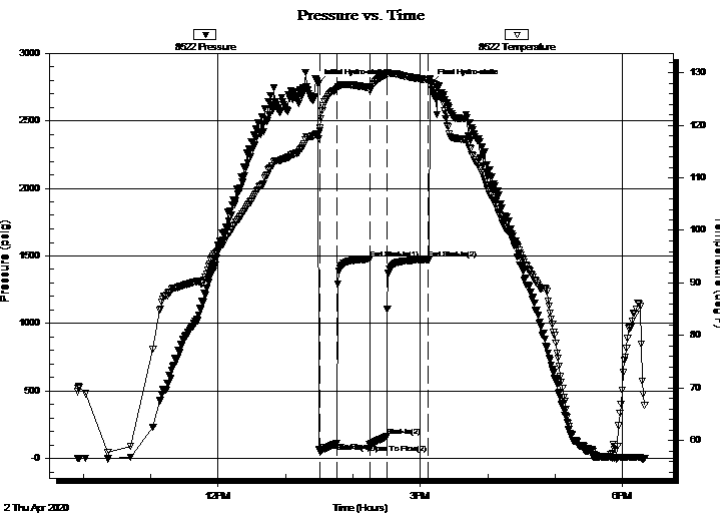
Last Calib.: 2020.04.02

Start Time: 09:55:05 End Time: 18:20:14

Time On Btm: 2020.04.02 @ 13:29:15

Time Off Btm: 2020.04.02 @ 15:09:45

TEST COMMENT: 15- IF: 10 1/2" blow .
30- IS: No return.
15- FF: 9 1/2" blow .
30- FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2778.17	118.45	Initial Hydro-static
2	51.93	118.97	Open To Flow (1)
17	115.43	127.06	Shut-In(1)
46	1476.59	127.18	End Shut-In(1)
46	104.04	126.60	Open To Flow (2)
61	164.26	129.79	Shut-In(2)
98	1474.31	128.68	End Shut-In(2)
101	2775.72	128.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	mcw 5m 95w	4.21

* Recovery from multiple tests

Gas Rates

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



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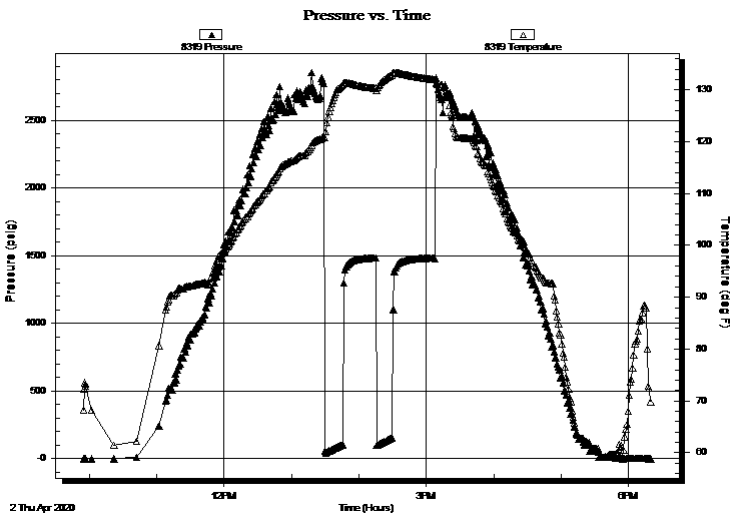
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DRILL STEM TEST REPORT

FLUID SUMMARY

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25 22s 38w Kearney, Ks

2020 N Bramblewood
Wichita, Ks 67206

Patterson KGS #5-25

Job Ticket: 66192

DST#: 3

ATTN: Ed Grieves

Test Start: 2020.04.02 @ 09:55:00

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:

19000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	mcw 5m 95w	4.208

Total Length: 300.00 ft Total Volume: 4.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .625 @ 38f = 19000ppm

Pressure vs. Time

