



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC

25 22s 38w Kearney, Ks

2020 N Bramblewood
Wichita, Ks 67206

Patterson KGS #5-25

ATTN: Ed Grieves

Job Ticket: 66191

DST#: 2

Test Start: 2020.03.30 @ 16:22:00

GENERAL INFORMATION:

Formation: **Lwr Missippian Res.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:59:15

Time Test Ended: 01:35:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 5379.00 ft (KB) To 5439.00 ft (KB) (TVD)

Reference Elevations: 3329.00 ft (KB)

Total Depth: 5439.00 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: 50.10 psig @ 5380.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.03.30

End Date:

2020.03.31

Last Calib.: 2020.03.31

Start Time: 16:22:05

End Time:

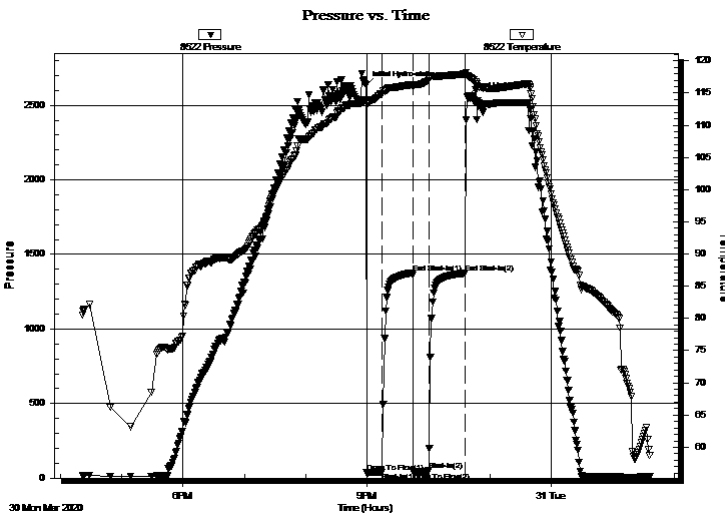
01:35:45

Time On Btm: 2020.03.30 @ 20:58:45

Time Off Btm: 2020.03.30 @ 22:37:45

TEST COMMENT: 15- IF 1 1/4" blow .
30- IS: No return.
15- FF: 1/2" blow .
30- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2635.18	113.95	Initial Hydro-static
1	35.90	113.05	Open To Flow (1)
16	40.89	114.75	Shut-In(1)
46	1376.08	116.32	End Shut-In(1)
47	41.45	115.98	Open To Flow (2)
62	50.10	117.13	Shut-In(2)
97	1374.17	117.94	End Shut-In(2)
99	2558.04	117.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud 100m	0.56

* Recovery from multiple tests

Gas Rates

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



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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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	mud 100m	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

