



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N Bramblewood  
Wichita, KS 67206  
ATTN: Ed Grieves

**19-21s-35w Kearny, KS**  
**Kysar #1-19**  
Job Ticket: 65229 **DST#: 5**  
Test Start: 2019.05.18 @ 07:07:44

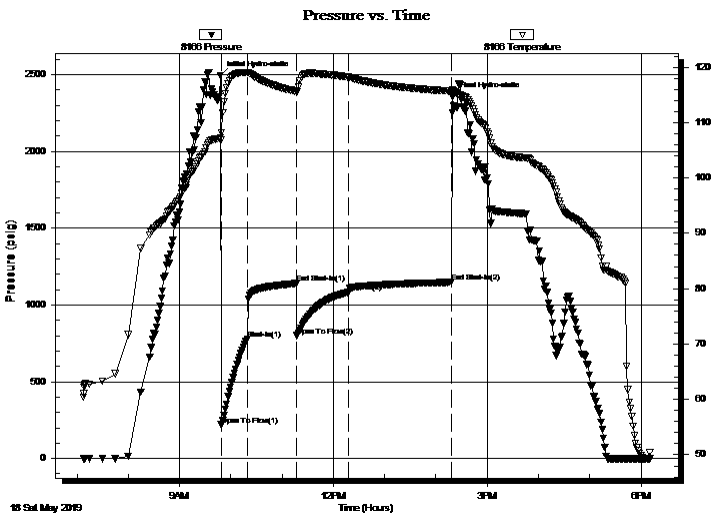
## GENERAL INFORMATION:

Formation: **Morrow**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 09:48:44  
Time Test Ended: 18:10:44  
Interval: **4865.00 ft (KB) To 4965.00 ft (KB) (TVD)**  
Total Depth: 5070.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 79  
Reference Elevations: 3203.00 ft (KB)  
3192.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8166 Outside**  
Press@RunDepth: 1082.82 psig @ 4870.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2019.05.18 End Date: 2019.05.18 Last Calib.: 2019.05.18  
Start Time: 07:07:49 End Time: 18:10:44 Time On Btm: 2019.05.18 @ 09:47:44  
Time Off Btm: 2019.05.18 @ 14:19:44

**TEST COMMENT:** IF: BOB in 1 min. 158"  
IS: No return.  
FF: BOB in 4 min. 66"  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2493.69	107.21	Initial Hydro-static
1	219.65	106.86	Open To Flow (1)
32	775.69	119.03	Shut-In(1)
89	1140.14	115.63	End Shut-In(1)
90	799.36	115.50	Open To Flow (2)
151	1082.82	118.18	Shut-In(2)
271	1147.77	115.66	End Shut-In(2)
272	2358.53	115.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
95.00	water 100%w	1.33
1425.00	mcw 95%w 5%m	19.99
380.00	mcw oil spots 70%w 30%m	5.33
400.00	socmw 2%o 58%w 40%m	5.61

\* Recovery from multiple tests

## Gas Rates

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







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**FLUID SUMMARY**

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**Kysar #1-19**

Job Ticket: 65229

**DST#: 5**

ATTN: Ed Grieves

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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:

66000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	water 100%w	1.333
1425.00	mcw 95%w 5%m	19.989
380.00	mcw oil spots 70%w 30%m	5.330
400.00	socmw 2%o 58%w 40%m	5.611

Total Length: 2300.00 ft      Total Volume: 32.263 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .12@68=66000

