



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

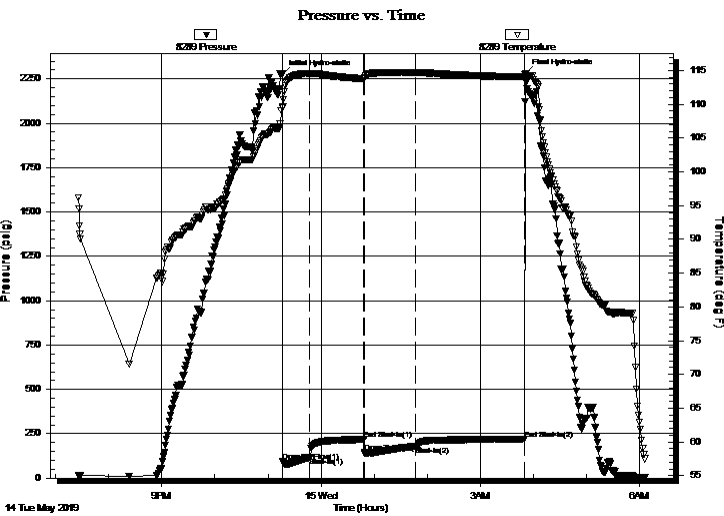
19/21/35 Kearny, KS
Kysar 1-19
Job Ticket: 64075 **DST#: 3**
Test Start: 2019.05.14 @ 19:26:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
Deviated: No Whipstock: 3204.00 ft (KB)
Time Tool Opened: 23:16:40
Time Test Ended: 06:06:15
Interval: **4631.00 ft (KB) To 4645.00 ft (KB) (TVD)**
Total Depth: 4645.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 75
Reference Elevations: 3203.00 ft (KB)
3192.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8289 Inside
Press@RunDepth: 178.71 psig @ 4632.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.05.14 End Date: 2019.05.15 Last Calib.: 1899.12.30
Start Time: 19:26:02 End Time: 06:06:15 Time On Btm: 2019.05.14 @ 23:16:10
Time Off Btm: 2019.05.15 @ 03:51:00

TEST COMMENT: IF: BOB 9 min., strong building blow , 31.4 inches
IS: No blow back
FF: Strong building blow , 11.5 inches
FS: No blow back



PRESSURE SUMMARY

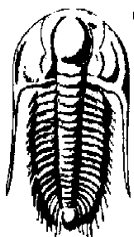
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.33	109.55	Initial Hydro-static
1	96.51	109.66	Open To Flow (1)
31	116.95	114.57	Shut-In(1)
92	217.86	113.78	End Shut-In(1)
93	144.53	113.80	Open To Flow (2)
150	178.71	114.71	Shut-In(2)
274	220.38	114.05	End Shut-In(2)
275	2281.12	113.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	oil spotted gasy w ater 5%G, 95%W	4.77

Gas Rates

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



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DST#: 3

ATTN: Ed Grieves

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Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

Interval: **4631.00 ft (KB) To 4645.00 ft (KB) (TVD)**

Reference Elevations: 3203.00 ft (KB)

Total Depth: 4645.00 ft (KB) (TVD)

3192.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6672 Outside

Press@RunDepth: psig @ 4632.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.05.14

End Date: 2019.05.15

Last Calib.: 1899.12.30

Start Time: 19:26:02

End Time: 06:06:15

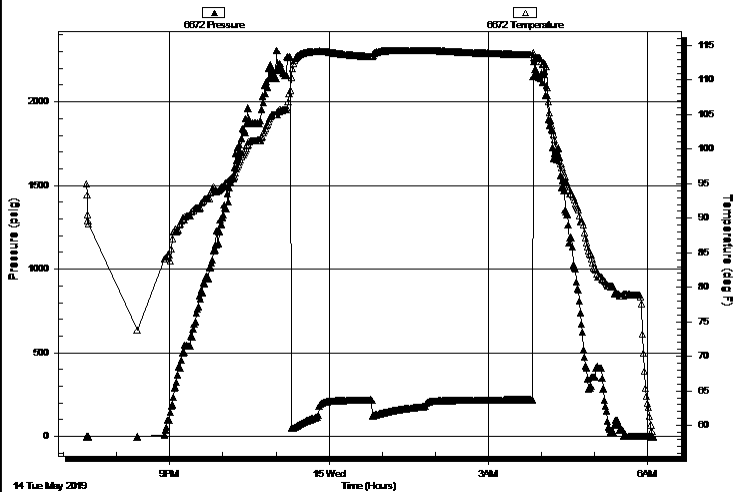
Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB 9 min., strong building blow, 31.4 inches
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FS: No blow back

PRESSURE SUMMARY

Pressure vs. Time



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
340.00	oil spotted gasy w ater 5%G, 95%W	4.77

Gas Rates

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



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FLUID SUMMARY

Berexco LLC

19/21/35 Kearny,KS

2020 N Bramblewood
Wichita, KS 67206

Kysar 1-19

Job Ticket: 64075

DST#: 3

ATTN: Ed Grieves

Test Start: 2019.05.14 @ 19:26:00

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:

110000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 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
340.00	oil spotted gasy water 5%G, 95%W	4.769

Total Length: 340.00 ft Total Volume: 4.769 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.075@68F=110000 ppm

