



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita, Kansas 67206+1094
 ATTN: Clint Bleier

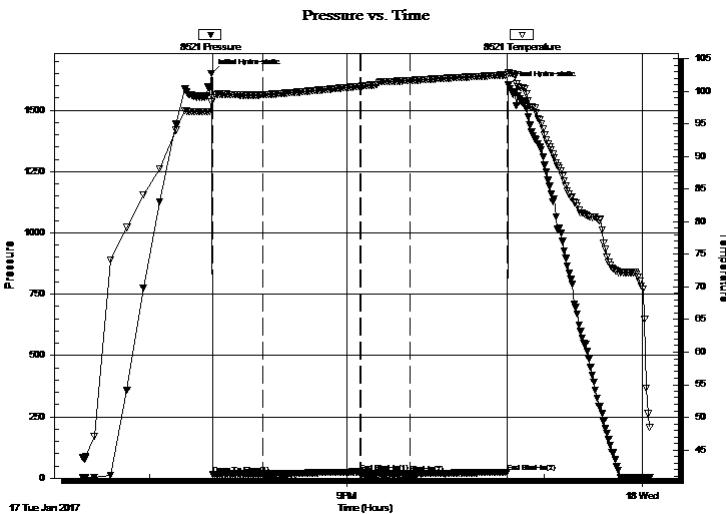
25/20S/9W/Rice
Tobias #21
 Job Ticket: 63698 **DST#: 3**
 Test Start: 2017.01.17 @ 18:19:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:38:30
 Time Test Ended: 00:05:00
 Interval: **3206.00 ft (KB) To 3215.00 ft (KB) (TVD)**
 Total Depth: 3215.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72 Great Bend/62
 Reference Elevations: 1683.00 ft (KB)
 1676.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8521 Outside
 Press@RunDepth: 18.15 psig @ 3212.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.01.17 End Date: 2017.01.18 Last Calib.: 2017.01.18
 Start Time: 18:19:05 End Time: 00:04:59 Time On Btm: 2017.01.17 @ 19:37:30
 Time Off Btm: 2017.01.17 @ 22:38:30

TEST COMMENT: I.F. 30 Minutes/ Blow built to 3/4 inch then died to weak surface blow
 I.S.I. 60 Minutes/No blow back
 F.F. 30 Minutes/ Dead no blow /Flush tool/ Light surge then dead
 F.S.I. 60 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.34	98.35	Initial Hydro-static
1	14.69	98.99	Open To Flow (1)
31	17.51	99.48	Shut-In(1)
91	25.37	100.77	End Shut-In(1)
91	16.80	100.78	Open To Flow (2)
121	18.15	101.67	Shut-In(2)
180	23.96	102.53	End Shut-In(2)
181	1602.08	102.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Lightly oil spot mud in tool/ Mud 100%	0.01

Gas Rates

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



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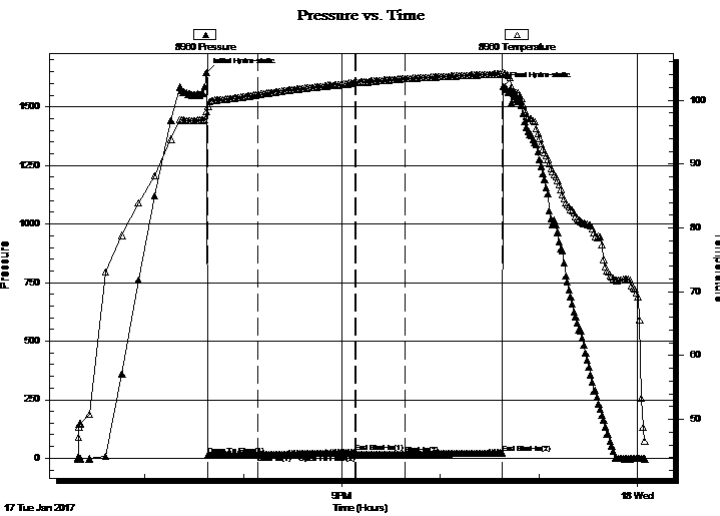
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 Total Depth: 3215.00 ft (KB) (TVD) 1676.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8960 Inside
 Press@RunDepth: 23.12 psig @ 3211.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.01.17 End Date: 2017.01.18 Last Calib.: 2017.01.18
 Start Time: 18:19:05 End Time: 00:04:59 Time On Btm: 2017.01.17 @ 19:37:30
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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1646.99	98.17	Initial Hydro-static
1	12.69	99.09	Open To Flow (1)
31	15.29	100.86	Shut-In(1)
91	24.25	102.75	End Shut-In(1)
91	14.59	102.76	Open To Flow (2)
121	16.27	103.36	Shut-In(2)
180	23.12	104.12	End Shut-In(2)
181	1586.44	104.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Lightly oil spot mud in tool/ Mud 100%	0.01

Gas Rates

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



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TESTING, INC**

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FLUID SUMMARY

Berexco LLC

25/20S/9W/Rice

2020 N. Bramblewood
Wichita, Kansas 67206+1094

Tobias #21

Job Ticket: 63698

DST#: 3

ATTN: Clint Bleier

Test Start: 2017.01.17 @ 18:19:00

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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Lightly oil spot mud in tool/ Mud 100%	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

