



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Jerry A. Smith

9-11S-15W Russell, KS

Lebow #10

Job Ticket: 65511

DST#: 4

Test Start: 2019.01.26 @ 16:08:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:49:06

Time Test Ended: 22:58:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: **3359.00 ft (KB) To 3410.00 ft (KB) (TVD)**

Reference Elevations: 1942.00 ft (KB)

Total Depth: 3410.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8700 Outside

Press@RunDepth: 25.01 psig @ 3360.00 ft (KB)

Start Date: 2019.01.26

End Date: 2019.01.26

Start Time: 16:08:01

End Time: 22:58:06

Capacity: 8000.00 psig

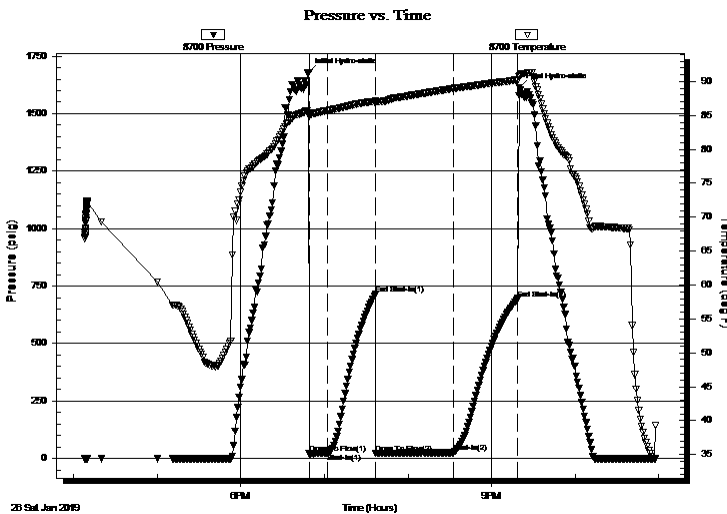
Last Calib.: 2019.01.26

Time On Btm: 2019.01.26 @ 18:48:51

Time Off Btm: 2019.01.26 @ 21:20:06

TEST COMMENT: 15- IF- Slow ly built to 0.93"
 30- IS- No blow
 60- FF- Slow ly built to 0.64"
 45- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1677.28	85.38	Initial Hydro-static
1	20.10	84.88	Open To Flow (1)
14	21.88	85.72	Shut-In(1)
48	713.21	87.12	End Shut-In(1)
48	22.52	86.76	Open To Flow (2)
104	25.01	88.97	Shut-In(2)
150	695.22	90.24	End Shut-In(2)
152	1612.54	90.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM	0.14
2.00	CO	0.03

Gas Rates

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

* Recovery from multiple tests



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Lebow #10

Job Ticket: 65511

DST#: 4

Test Start: 2019.01.26 @ 16:08:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:49:06

Time Test Ended: 22:58:06

Interval: 3359.00 ft (KB) To 3410.00 ft (KB) (TVD)

Total Depth: 3410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Reference Elevations: 1942.00 ft (KB)

1935.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6771

Inside

Press@RunDepth: psig @ 3360.00 ft (KB)

Start Date: 2019.01.26

End Date: 2019.01.26

Start Time: 16:08:20

End Time: 22:58:10

Capacity: 8000.00 psig

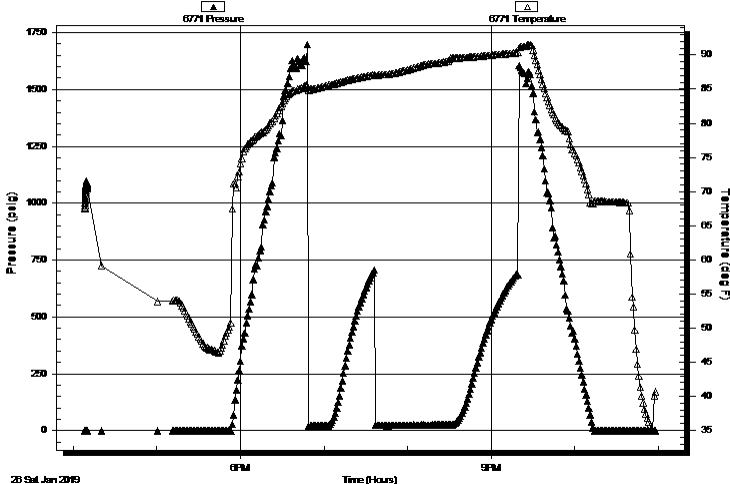
Last Calib.: 2019.01.26

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF- Slow ly built to 0.93"
30- IS- No blow
60- FF- Slow ly built to 0.64"
45- FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM	0.14
2.00	CO	0.03

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

9-11S-15W Russell, KS

2020 N. Bramblewood
Wichita, KS 67206

Lebow #10

Job Ticket: 65511

DST#: 4

ATTN: Jerry A. Smith

Test Start: 2019.01.26 @ 16:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 16000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM	0.142
2.00	CO	0.028

Total Length: 12.00 ft Total Volume: 0.170 bbl

Num Fluid Samples: 0

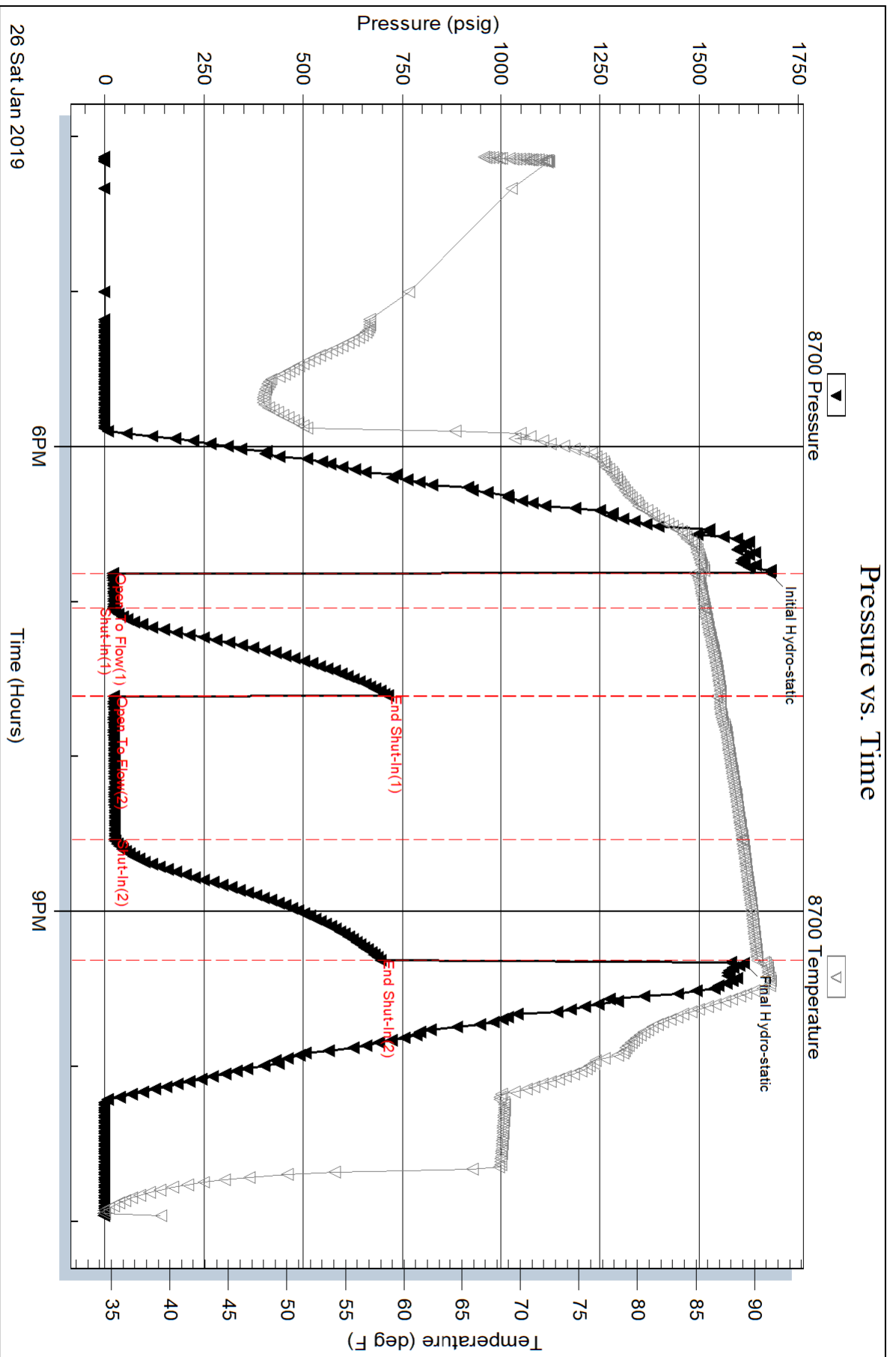
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6771

Inside

Berexco, LLC

Lebow #10

DST Test Number: 4

