



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
 2020 N. Bramblewood  
 Wichita, KS 67206  
 ATTN: Bryan Bynog

**15- 10S. - 33W. Thomas,KS**  
**Rhonda #1**  
 Job Ticket: 65565 **DST#: 1**  
 Test Start: 2019.10.14 @ 21:23:00

## GENERAL INFORMATION:

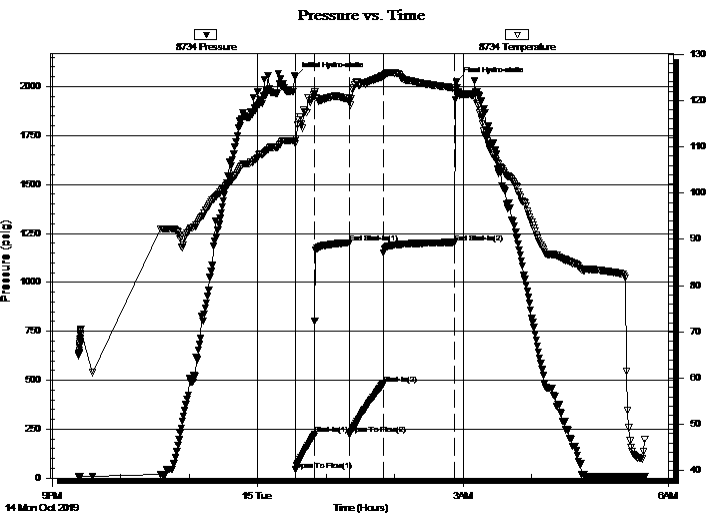
Formation: **LKC " E, F, G "**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:33:10  
 Time Test Ended: 05:39:09  
 Interval: **4150.00 ft (KB) To 4200.00 ft (KB) (TVD)**  
 Total Depth: 4200.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Martine Salinas  
 Unit No: 82  
 Reference Elevations: 3154.00 ft (KB)  
 3146.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8734

Outside

Press@RunDepth: 478.30 psig @ 4151.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.10.14 End Date: 2019.10.15 Last Calib.: 2019.10.15  
 Start Time: 21:23:01 End Time: 05:39:10 Time On Btm: 2019.10.15 @ 00:33:00  
 Time Off Btm: 2019.10.15 @ 02:54:09

TEST COMMENT: 15-IF-1" blow built to B.O.B (11 inches) @ 4 mins (blow increased to 32 1/4")  
 30-ISI-S.blow back @ 5 mins dead @ 25 mins  
 30-FF-1/4" blow built to B.O.B (11 inches) @ 8 mins (blow increased to 56")  
 60-FSI-No blow back



## PRESSURE SUMMARY

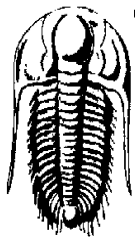
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.52	111.37	Initial Hydro-static
1	42.47	110.61	Open To Flow (1)
17	222.74	121.43	Shut-In(1)
47	1202.87	120.51	End Shut-In(1)
48	223.95	119.99	Open To Flow (2)
77	478.30	125.28	Shut-In(2)
140	1204.30	122.67	End Shut-In(2)
142	2027.54	121.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
380.00	MSW 4%M, 96%W	4.78
670.00	MCW 24%M, 76%W	9.40

## Gas Rates

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



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**Rhonda #1**

Job Ticket: 65565

**DST#: 1**

Test Start: 2019.10.14 @ 21:23:00

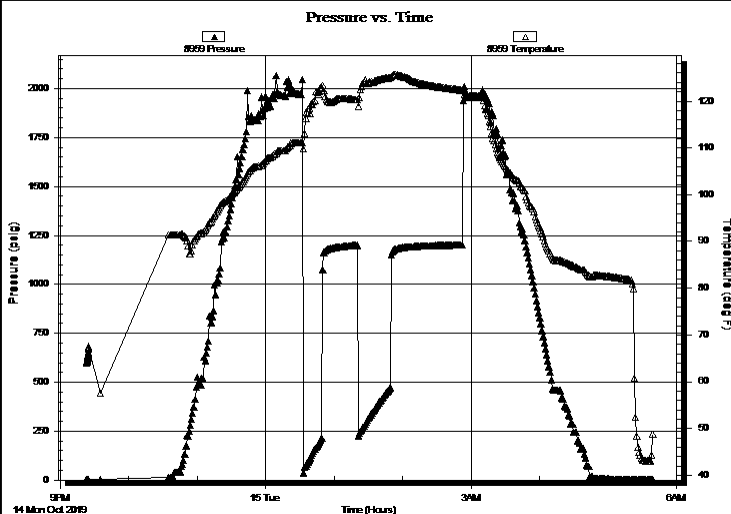
**GENERAL INFORMATION:**

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 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 00:33:10 Tester: Martine Salinas  
 Time Test Ended: 05:39:09 Unit No: 82  
 Interval: **4150.00 ft (KB) To 4200.00 ft (KB) (TVD)** Reference Elevations: 3154.00 ft (KB)  
 Total Depth: 4200.00 ft (KB) (TVD) 3146.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

**Serial #: 8959 Inside**

Press@RunDepth: psig @ 4151.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.10.14 End Date: 2019.10.15 Last Calib.: 2019.10.15  
 Start Time: 21:23:01 End Time: 05:39:00 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 15-IF-1" blow built to B.O.B (11 inches) @ 4 mins (blow increased to 32 1/4")  
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**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
380.00	MSW 4%M, 96%W	4.78
670.00	MCW 24%M, 76%W	9.40

**Gas Rates**

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



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

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**Rhonda #1**  
Job Ticket: 65565      **DST#: 1**  
Test Start: 2019.10.14 @ 21:23:00

### 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:	88000 ppm
Viscosity: 74.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 2.00 inches			

### Recovery Information

Recovery Table

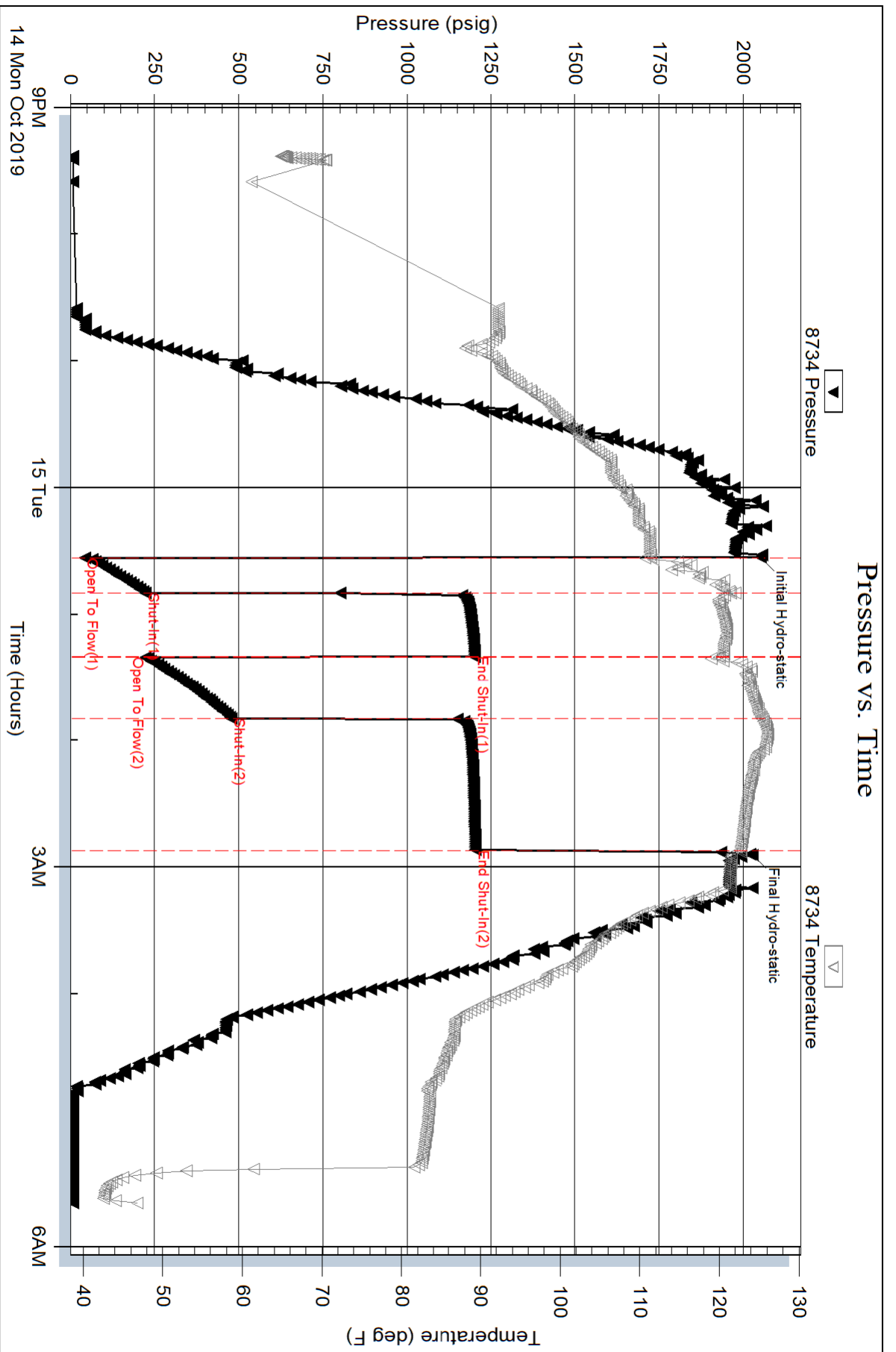
Length ft	Description	Volume bbl
380.00	MSW 4%M, 96%W	4.784
670.00	MCW 24%M, 76%W	9.398

Total Length: 1050.00 ft      Total Volume: 14.182 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW= .140 @ 47 degs = 88,000PPM



Serial #: 8959

Inside

Berexco LLC

Rhonda #1

DST Test Number: 1

