



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coachman Energy Oper.Co. LLC

36-15s-20w Ellis

1125 17th St.
Suite 410
Denver Co 80202
ATTN: Charlie Sturdavant

4-R Ranch 1-36-15-20

Job Ticket: 64094 **DST#: 1**
Test Start: 2017.02.26 @ 02:00:00

GENERAL INFORMATION:

Formation: LKC A-F		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)		Tester: Ray Schwager
Time Tool Opened: 04:30:00		Unit No: 77
Time Test Ended: 00:00:00		
Interval: 3416.00 ft (KB) To 3515.00 ft (KB) (TVD)		Reference Elevations: 2133.00 ft (KB)
Total Depth: 3515.00 ft (KB) (TVD)		2124.00 ft (CF)
Hole Diameter: 7.85 inches	Hole Condition: Fair	KB to GR/CF: 9.00 ft

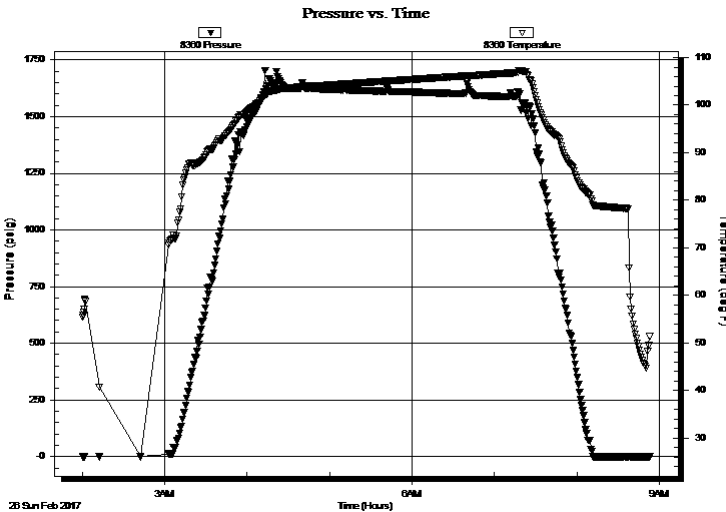
Serial #: 8360

Inside

Press@RunDepth: psig @ 3418.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2017.02.26 End Date: 2017.02.26	Last Calib.: 2017.02.26
Start Time: 02:00:22 End Time: 08:53:01	Time On Btm:
	Time Off Btm:

TEST COMMENT: 15-IFP-w k bl thru-out 1/2"to 3/4"bl
30-ISIP-no bl
30-FFP-no bl
60-FSIP-no bl

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



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Job Ticket: 64094 **DST#: 1**
Test Start: 2017.02.26 @ 02:00:00

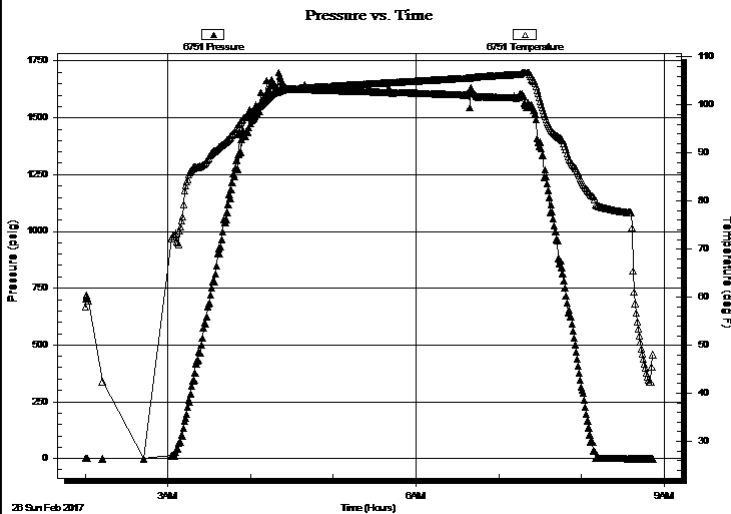
GENERAL INFORMATION:

Formation: **LKC A-F**
 Deviated: No Whipstock: ft (KB)
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 Interval: **3416.00 ft (KB) To 3515.00 ft (KB) (TVD)**
 Total Depth: 3515.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2133.00 ft (KB)
 2124.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3418.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.02.26 End Date: 2017.02.26 Last Calib.: 2017.02.26
 Start Time: 02:00:07 End Time: 08:52:16 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15-IFP-w k bl thru-out 1/2"to 3/4"bl
 30-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper.Co. LLC

36-15s-20w Ellis

1125 17th St.
Suite 410
Denver Co 80202
ATTN: Charlie Sturdavant

4-R Ranch 1-36-15-20

Job Ticket: 64094

DST#: 1

Test Start: 2017.02.26 @ 02:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

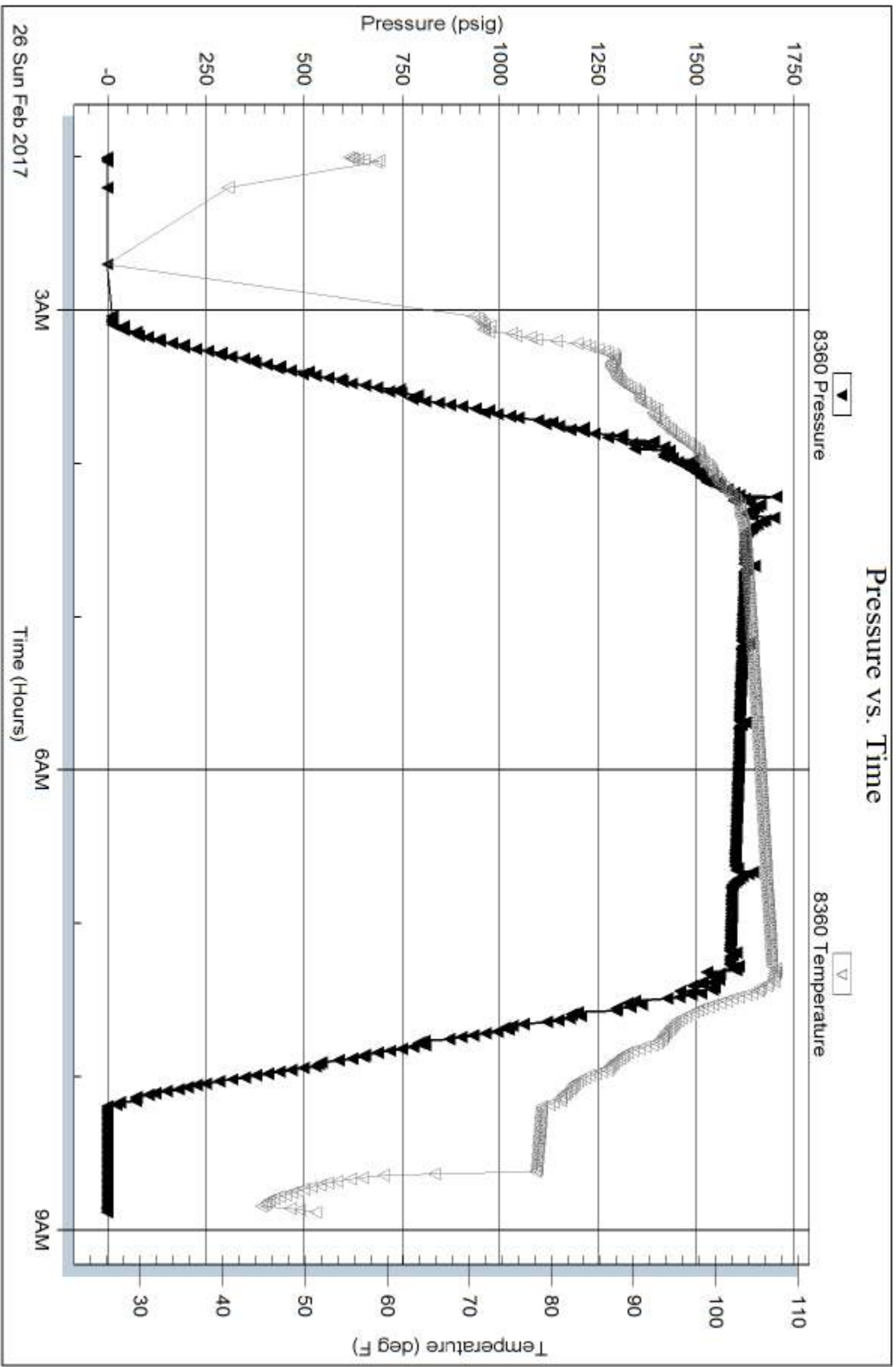
Serial #: 8360

Inside

Coachman Energy Oper. Co. LLC

4-R Ranch 1-36-15-20

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 64094

Printed: 2017.02.26 @ 10:29:55

Serial #: 6751

Outside

Coachman Energy Oper. Co. LLC

4-R Ranch 1-36-15-20

DST Test Number: 1

