



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

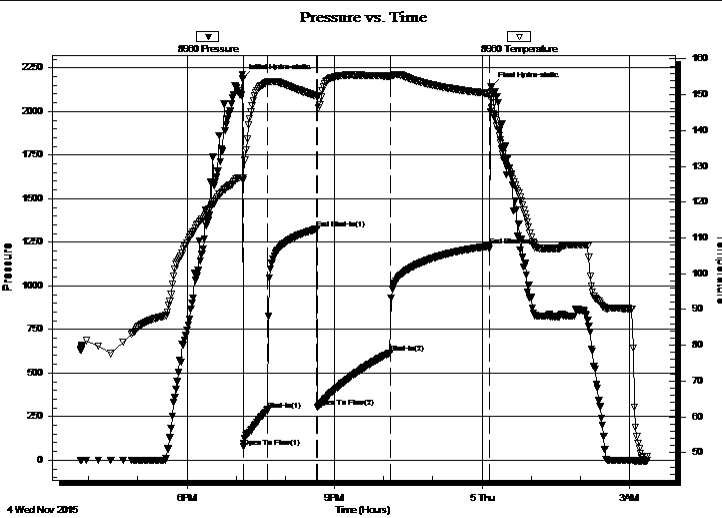
17 2S 37W Cheyenne KS
Ardene 1-17
 Job Ticket: 64958 **DST#: 5**
 Test Start: 2015.11.04 @ 15:50:00

GENERAL INFORMATION:

Formation: **LKC " D & E "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:08:30 Tester: Robert Zodrow
 Time Test Ended: 03:22:00 Unit No: 66
 Interval: **4315.00 ft (KB) To 4400.00 ft (KB) (TVD)** Reference Elevations: 3272.00 ft (KB)
 Total Depth: 4400.00 ft (KB) (TVD) 3261.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8960 Outside
 Press @ Run Depth: 616.34 psig @ 4316.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.11.04 End Date: 2015.11.05 Last Calib.: 2015.11.05
 Start Time: 15:50:05 End Time: 03:22:00 Time On Btm: 2015.11.04 @ 19:08:00
 Time Off Btm: 2015.11.05 @ 00:11:00

TEST COMMENT: 30-IF- Bob in 3 mins
 60-ISI- Bob in 10 mins Dropped Bar Reversed Out
 90-FF- Bob in 7 mins
 120-FSI- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.30	126.96	Initial Hydro-static
1	77.10	126.28	Open To Flow (1)
31	289.66	153.46	Shut-In(1)
91	1326.90	149.63	End Shut-In(1)
91	303.56	149.19	Open To Flow (2)
180	616.34	155.19	Shut-In(2)
301	1228.14	150.36	End Shut-In(2)
303	2140.86	148.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 20%G 35%M 45%O	0.30
1720.00	GO 20%G 80%O	22.10
0.00	GIP 1500'	0.00

Gas Rates

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

* Recovery from multiple tests



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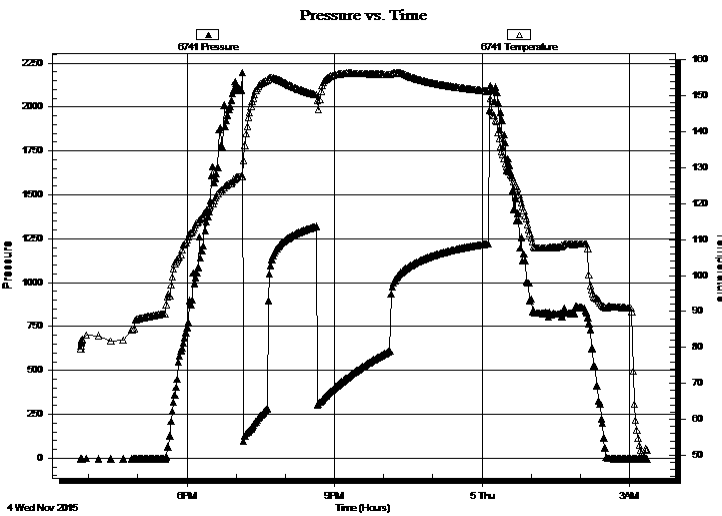
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 Total Depth: 4400.00 ft (KB) (TVD) 3261.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6741 Inside
 Press @ RunDepth: psig @ 4316.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.11.04 End Date: 2015.11.05 Last Calib.: 2015.11.05
 Start Time: 15:50:05 End Time: 03:22:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF- Bob in 3 mins
 60-IS- Bob in 10 mins Dropped Bar Reversed Out
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 120-FS- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 20%G 35%M 45%O	0.30
1720.00	GO 20%G 80%O	22.10
0.00	GIP 1500'	0.00

Gas Rates

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

* Recovery from multiple tests



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

17 2S 37W Cheyenne KS

2020 N Bramblewood
Wichita KS 67206

Ardene 1-17

Job Ticket: 64958

DST#: 5

ATTN: Bryan Bynog

Test Start: 2015.11.04 @ 15:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 115.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMCO 20%G 35%M 45%O	0.295
1720.00	GO 20%G 80%O	22.105
0.00	GIP 1500'	0.000

Total Length: 1780.00 ft Total Volume: 22.400 bbl

Num Fluid Samples: 0

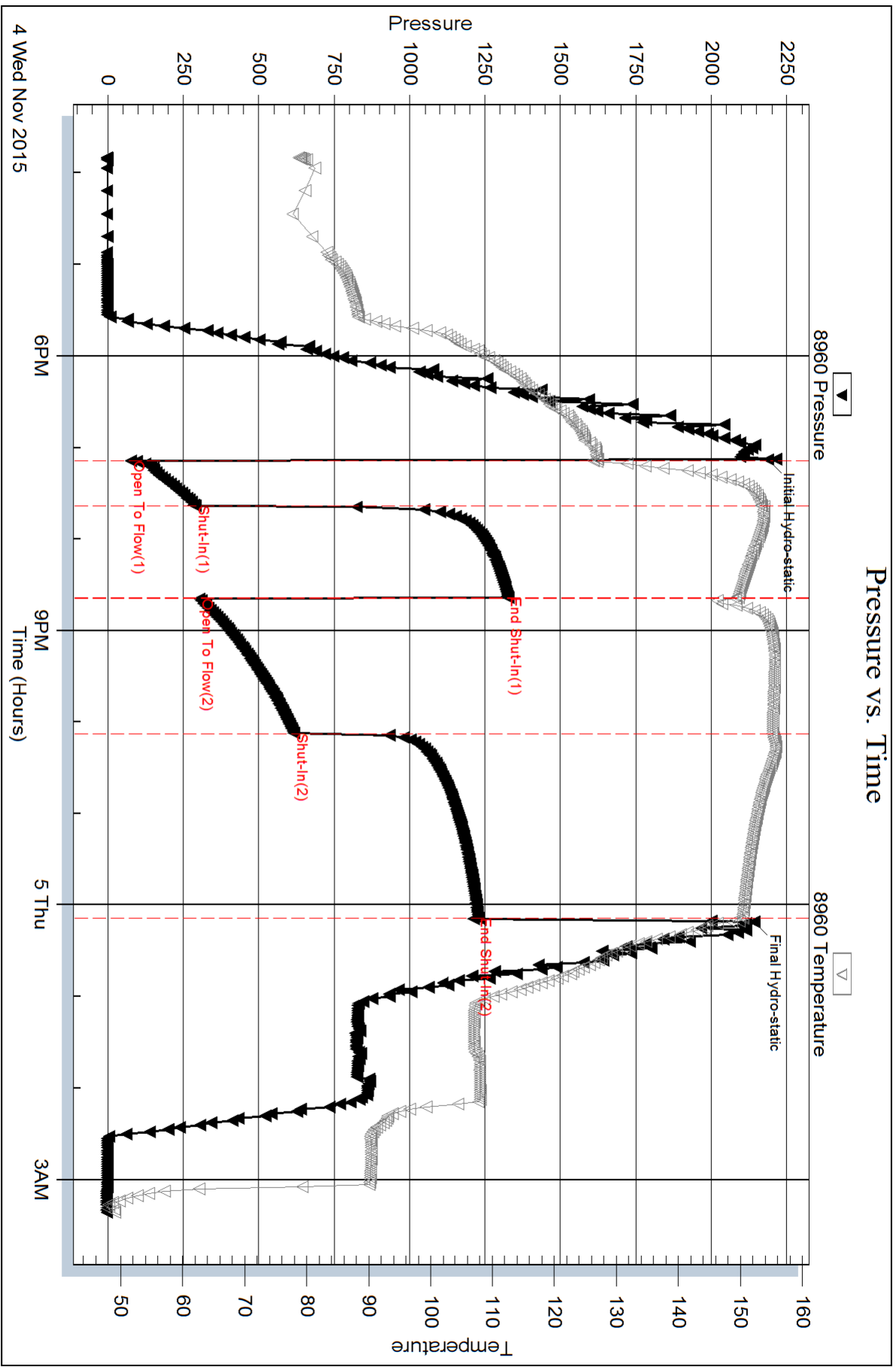
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



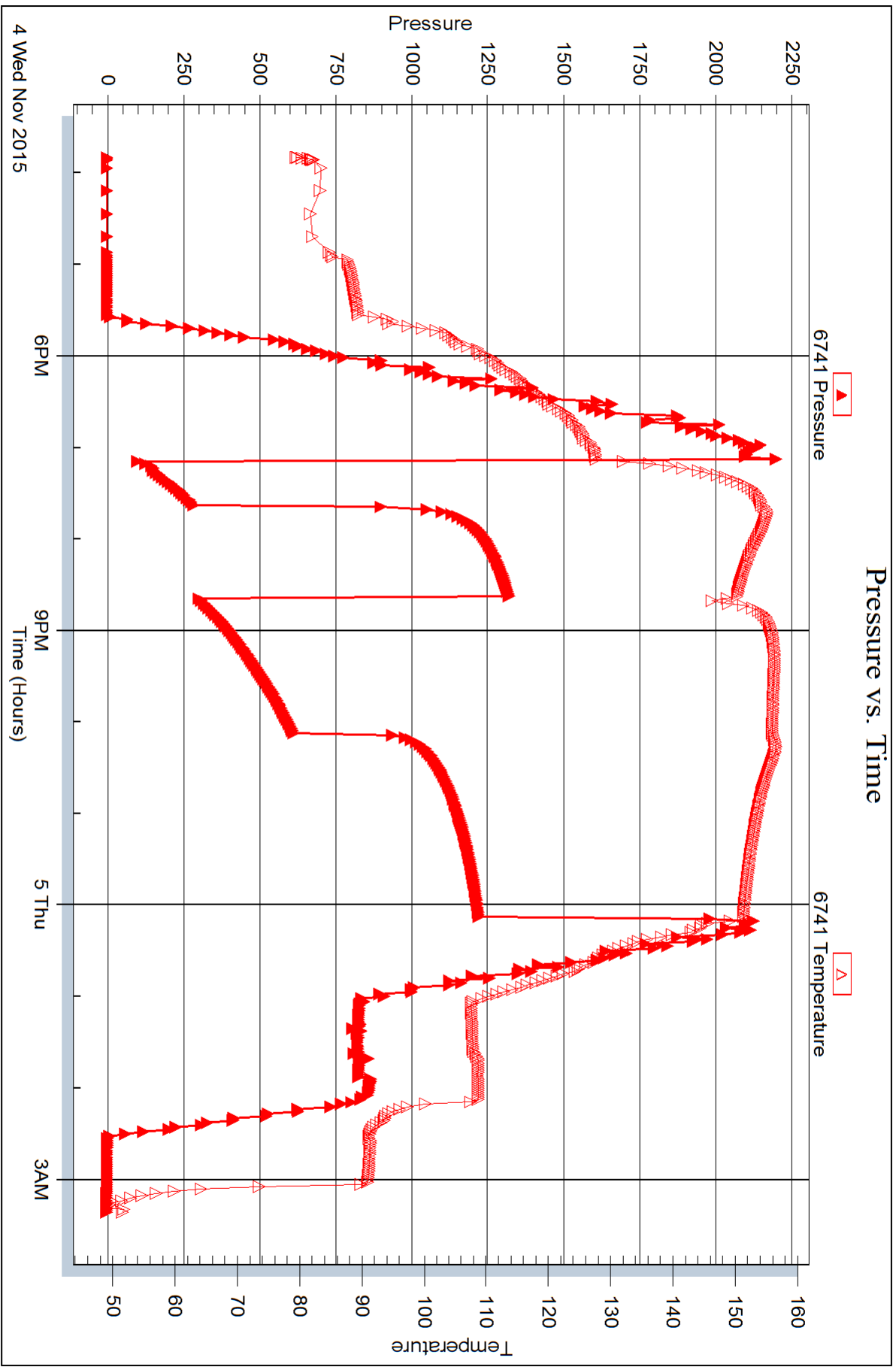
Serial #: 6741

Inside

Berexco LLC

Ardene 1-17

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 64958

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