



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC.

23-1s-36w Rawlins,KS

2020 N. Bramble
Wichita KS 67206

Michael #2-23

Job Ticket: 57230

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.03.30 @ 23:08:00

GENERAL INFORMATION:

Formation: **LKC " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:04:55

Time Test Ended: 10:23:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 72

Interval: 4310.00 ft (KB) To 4398.00 ft (KB) (TVD)

Reference Elevations: 3302.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

3289.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8674

Inside

Press@RunDepth: 226.55 psig @ 4313.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.30

End Date:

2014.03.31

Last Calib.: 2014.03.31

Start Time: 23:08:00

End Time:

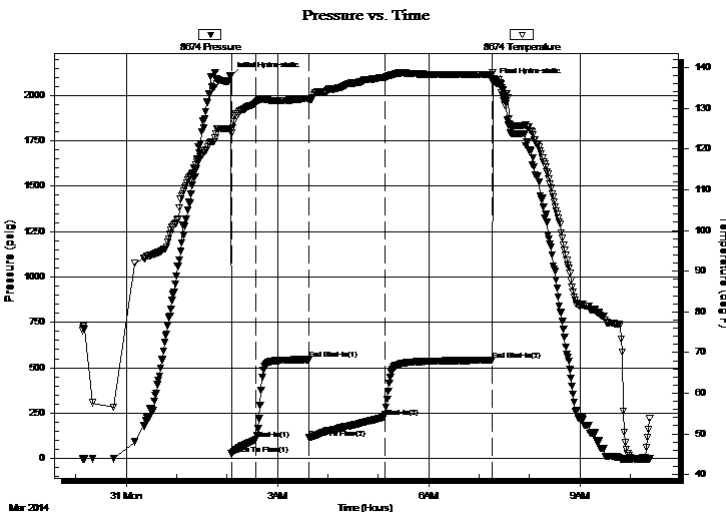
10:23:55

Time On Btm: 2014.03.31 @ 02:04:40

Time Off Btm: 2014.03.31 @ 07:16:09

TEST COMMENT: IF- Weak Surface Blow Built to 4"
IS- No Blow
FF- Weak Surface Blow Built to BOB in 76min
FS- Weak Surface Blow in 20min Built to 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.33	124.96	Initial Hydro-static
1	25.72	123.89	Open To Flow (1)
30	105.24	131.49	Shut-In(1)
93	545.57	132.42	End Shut-In(1)
93	113.39	132.26	Open To Flow (2)
183	226.55	137.57	Shut-In(2)
311	541.91	138.31	End Shut-In(2)
312	2073.21	138.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	OGCM 9%oil 34%g 57%m	0.46
94.00	GOCM 14%g 22%oil 64%m	0.46
94.00	GMCO 20%g 34%m 46%oil	0.46
94.00	GMCO 19%g 22%m 59%oil	0.46
188.00	GO 11%g 89%oil	0.92
0.00	282' of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC.

23-1s-36w Rawlins,KS

2020 N. Bramble
Wichita KS 67206

Michael #2-23

Job Ticket: 57230

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.03.30 @ 23:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
94.00	OGCM 9%oil 34%g 57%m	0.462
94.00	GOCM 14%g 22%oil 64%m	0.462
94.00	GMCO 20%g 34%m 46%oil	0.462
94.00	GMCO 19%g 22%m 59%oil	0.462
188.00	GO 11%g 89%oil	0.925
0.00	282' of GIP	0.000

Total Length: 564.00 ft Total Volume: 2.773 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 29 @ 50f = 30

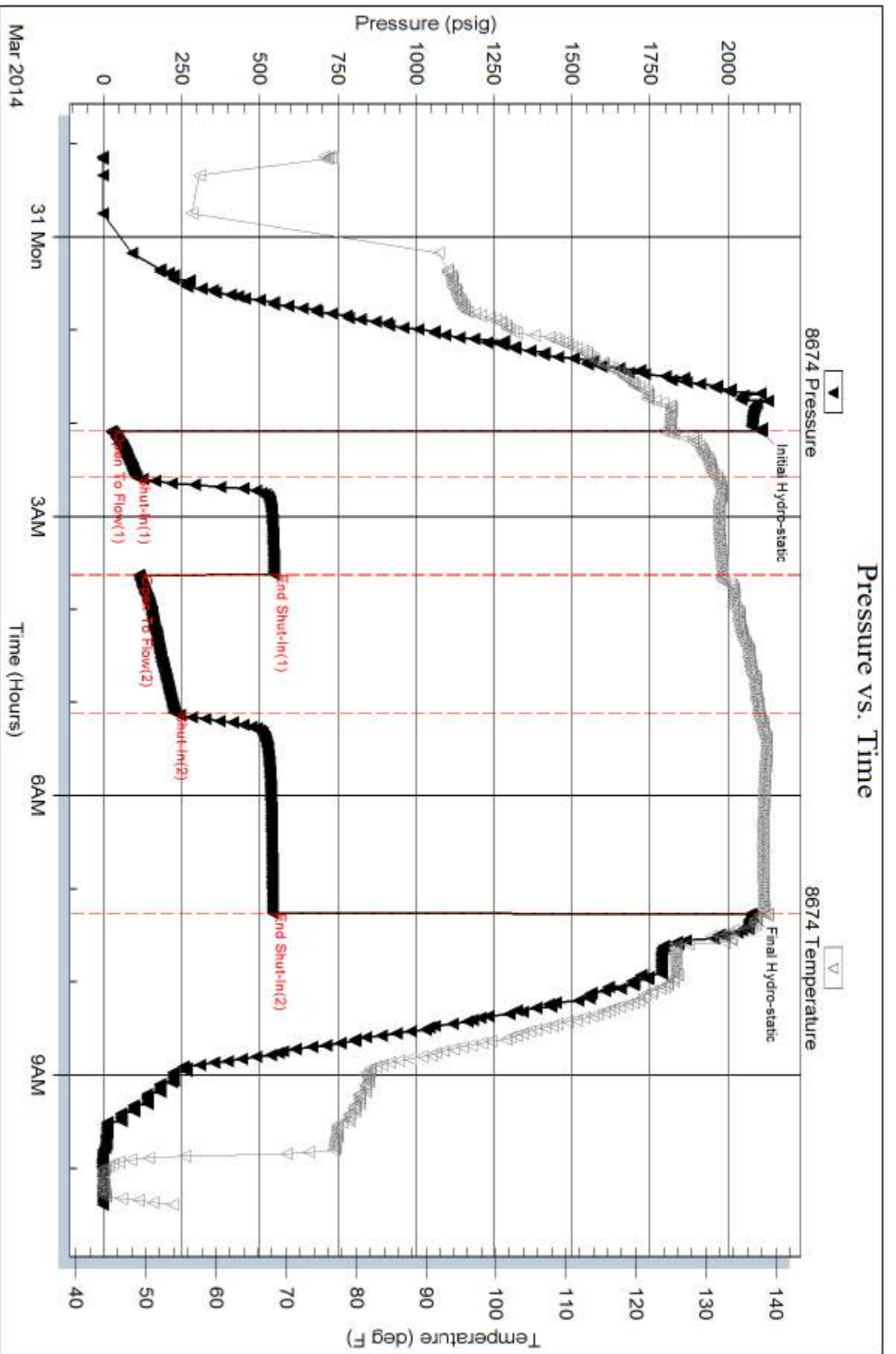
Serial #: 8674

Inside

Berexco LLC.

Michael #2-23

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 57230

Printed: 2014.03.31 @ 11:04:12