



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

2 1s 36w Rawlins KS

2020 N Bramblewood
Wichita KS 67206

Schwerdt 2-2

Job Ticket: 58433

DST#: 4

ATTN: Bryan Bynog

Test Start: 2014.07.23 @ 06:40:00

GENERAL INFORMATION:

Formation: **LKC "D&E"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:46:30
 Time Test Ended: 17:37:30
 Interval: **4130.00 ft (KB) To 4230.00 ft (KB) (TVD)**
 Total Depth: 4230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Robert Zodrow
 Unit No: 49
 Reference Elevations: 3051.00 ft (KB)
 3040.00 ft (CF)
 KB to GR/CF: 11.00 ft

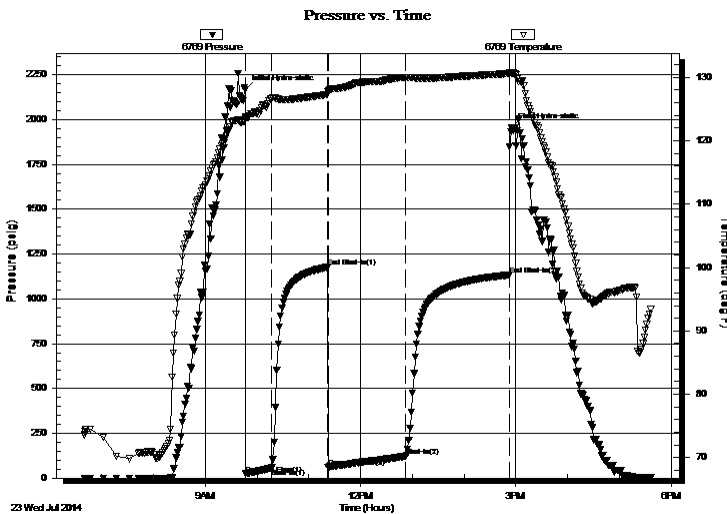
Serial #: 6769

Outside

Press @ Run Depth: 120.73 psig @ 4131.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.23 End Date: 2014.07.23 Last Calib.: 2014.07.23
 Start Time: 06:40:05 End Time: 17:37:30 Time On Btm: 2014.07.23 @ 09:46:00
 Time Off Btm: 2014.07.23 @ 14:55:00

TEST COMMENT: 30-IS- Blow built to 3"
 60-IS- No return
 90-FF- Blow built to 5 1/4"
 120-FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.66	123.09	Initial Hydro-static
1	23.58	123.43	Open To Flow (1)
31	55.06	126.67	Shut-In(1)
96	1176.01	127.28	End Shut-In(1)
97	58.54	127.74	Open To Flow (2)
187	120.73	129.96	Shut-In(2)
307	1133.61	130.59	End Shut-In(2)
309	1954.04	130.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	ocm 30%o 70%m	0.89
30.00	oil 1%g 99%o	0.15

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 89.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	ocm 30%o 70%m	0.885
30.00	oil 1%g 99%o	0.148

Total Length: 210.00 ft Total Volume: 1.033 bbl

Num Fluid Samples: 0

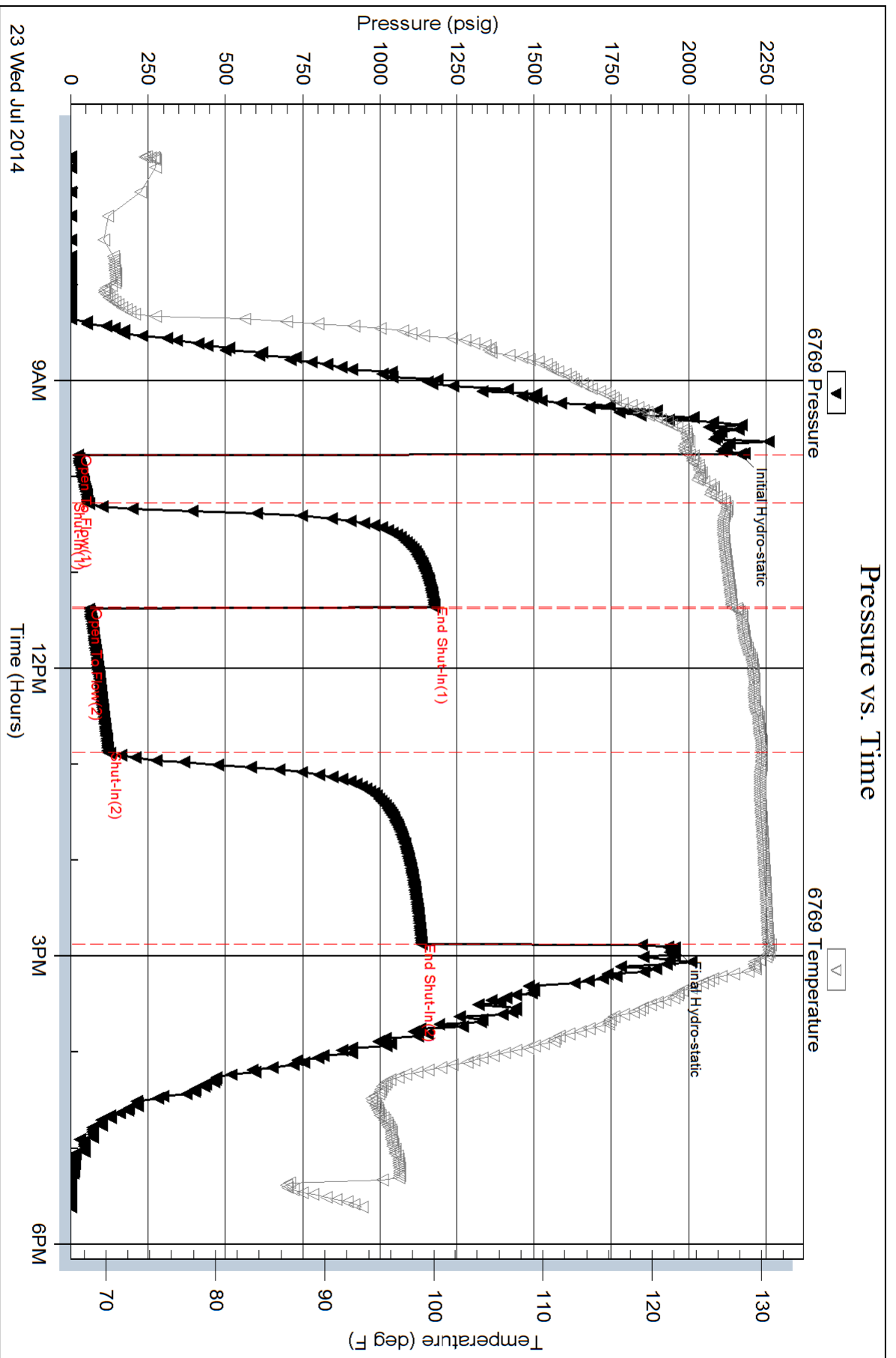
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8521

Inside

Berexco LLC

Schw erdt 2-2

DST Test Number: 4

