

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production LLC

10390 Bradford Rd Suite 201
Littleton Co 80127

ATTN: Clayton Erickson

4-20s-25w Ness KS

Schlegel #1-4

Job Ticket: 65962

DST#: 1

Test Start: 2019.07.07 @ 19:58:00

GENERAL INFORMATION:

Formation: **Ft Scott/ PBC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:34:00

Time Test Ended: 02:40:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Interval: 4310.00 ft (KB) To 4430.00 ft (KB) (TVD)

Total Depth: 4430.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2423.00 ft (KB)

2416.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8934 Inside

Press@RunDepth: 20.25 psig @ 4313.00 ft (KB)

Start Date: 2019.07.07

End Date:

2019.07.08

Start Time: 19:58:15

End Time:

02:40:00

Capacity: 8000.00 psig

Last Calib.: 2019.07.08

Time On Btm: 2019.07.07 @ 22:33:45

Time Off Btm: 2019.07.08 @ 00:33:00

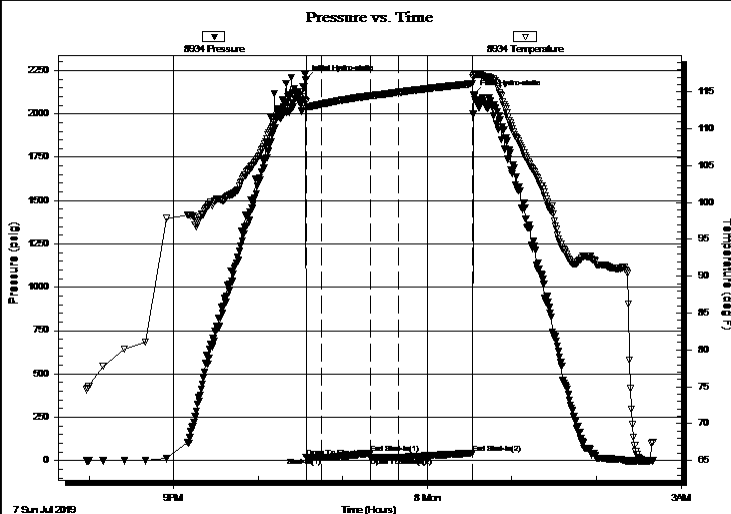
TEST COMMENT: 10-IF-Weak Surface; Died in 10 mins

30-ISI-No Return

20-FF-No Blow

40-FSI-No Return

PRESSURE SUMMARY



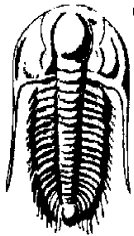
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.14	113.71	Initial Hydro-static
1	19.22	112.73	Open To Flow (1)
11	19.59	113.33	Shut-In(1)
46	42.42	114.48	End Shut-In(1)
47	19.75	114.48	Open To Flow (2)
66	20.25	114.95	Shut-In(2)
118	42.89	116.11	End Shut-In(2)
120	2107.89	117.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Tester: Spencer J Staab

Unit No: 84

Reference Elevations: 2423.00 ft (KB)

2416.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8352 Inside

Press@RunDepth: psig @ 4313.00 ft (KB)

Start Date: 2019.07.07 End Date: 2019.07.08

Start Time: 19:58:15 End Time: 02:40:15

Capacity: 8000.00 psig

Last Calib.: 2019.07.08

Time On Btm:

Time Off Btm:

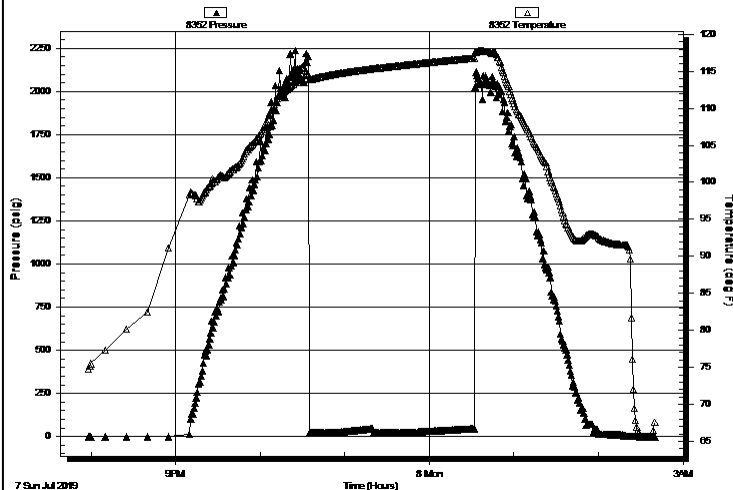
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Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

4-20s-25w Ness KS

10390 Bradford Rd Suite 201
Littleton Co 80127

Schlegel #1-4

Job Ticket: 65962

DST#: 1

ATTN: Clayton Erickson

Test Start: 2019.07.07 @ 19:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 8.39 in³

Resistivity: ohm.m

Salinity: 4800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 4#LCM

Sampler=200ml Mud 100%M @ 21PSI

Serial #: 8934

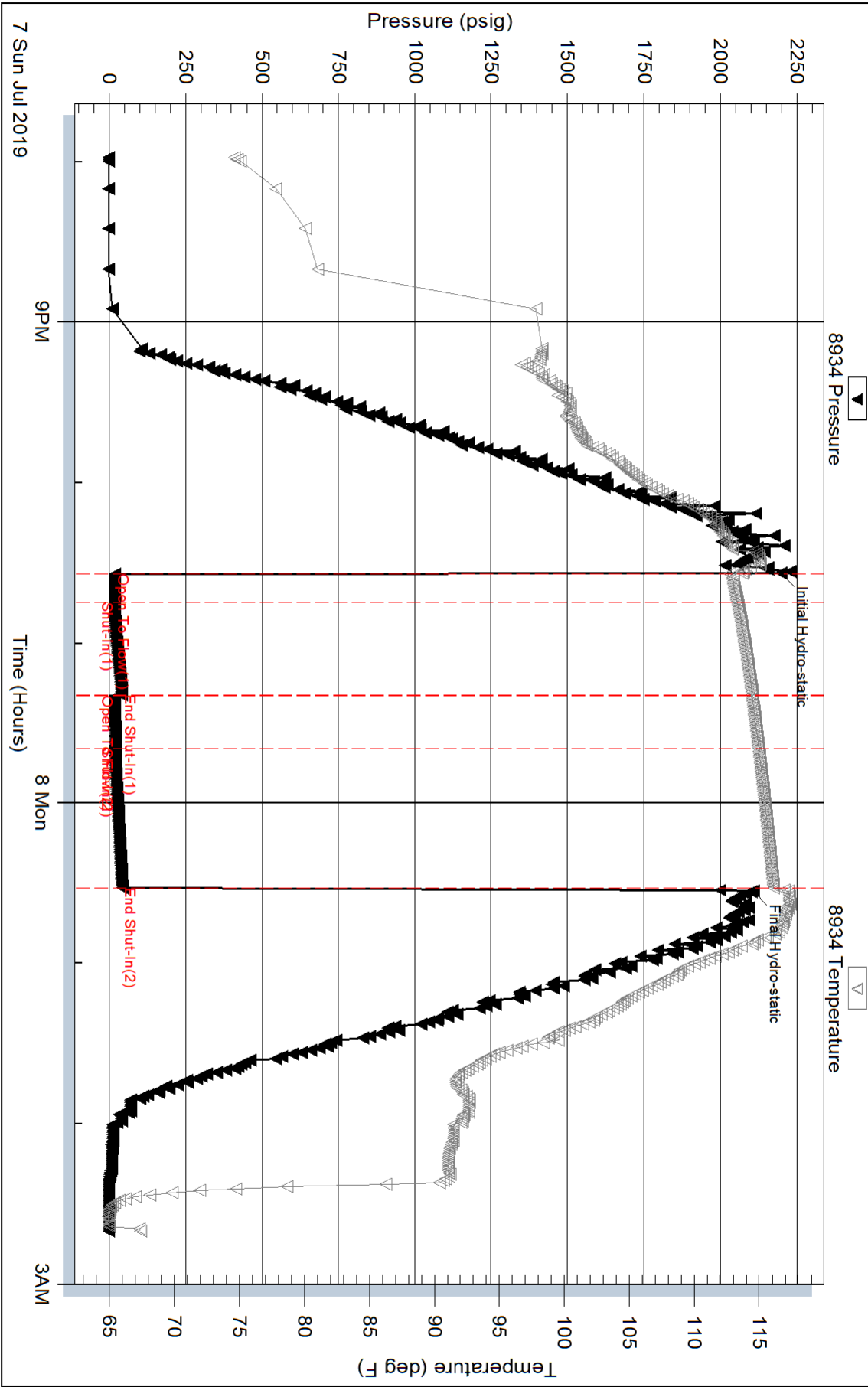
Inside

Cholla Production LLC

Schlegel #1-4

DST Test Number: 1

Pressure vs. Time



Serial #: 8352

Inside

Cholla Production LLC

Schlegel #1-4

DST Test Number: 1

