



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco, LLC.

31/23S/23W-Hodgeman

2020 N. Bramblewood
Wichita, KS 67206

Terry #1

Job Ticket: 47974

DST#: 1

ATTN: David Gould

Test Start: 2012.07.28 @ 07:44:15

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:19:15

Time Test Ended: 22:27:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 4702.00 ft (KB) To 4715.00 ft (KB) (TVD)

Reference Elevations: 2460.00 ft (KB)

Total Depth: 4715.00 ft (KB) (TVD)

2447.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 1180.45 psig @ 4704.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.28

End Date: 2012.07.28

Last Calib.: 2012.07.28

Start Time: 07:54:15

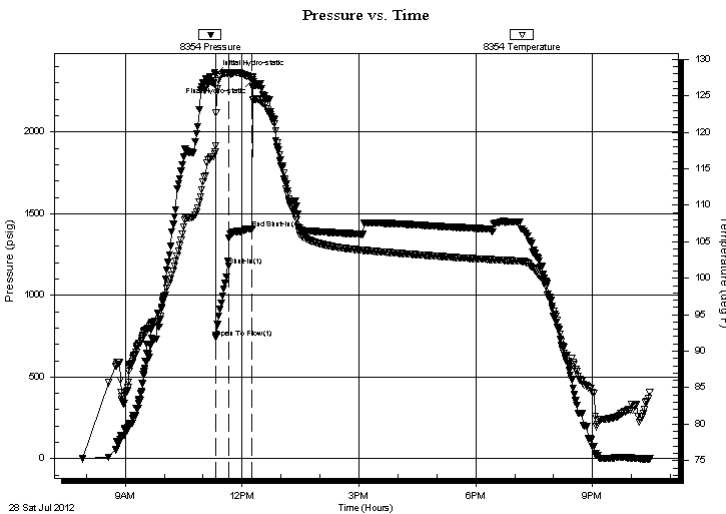
End Time: 22:27:45

Time On Btm: 2012.07.28 @ 11:18:45

Time Off Btm: 2012.07.28 @ 12:16:45

TEST COMMENT: IF-Strong building blow . BOB in 15 seconds.
ISI-Return @ 30 seconds. BOB in 9 minutes 15 seconds.
FF-Pulled Tool.

PRESSURE SUMMARY



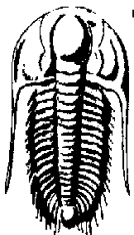
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.90	117.38	Initial Hydro-static
1	740.77	118.21	Open To Flow (1)
21	1180.45	127.85	Shut-In(1)
57	1408.90	127.46	End Shut-In(1)
58	2319.93	124.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
92.00	100%Mud	0.45
2966.00	40%Gas/60%Oil	36.59
	186' G.I.P.	

Gas Rates

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



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Terry #1

Job Ticket: 47974

DST#: 1

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Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Reference Elevations: 2460.00 ft (KB)

2447.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8520

Outside

Press @ Run Depth: psig @ 4704.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.28

End Date:

2012.07.28

Last Calib.:

2012.07.28

Start Time: 07:54:30

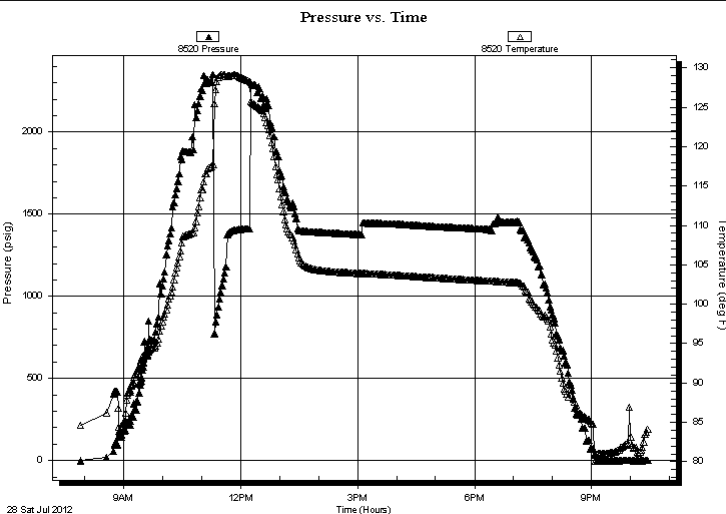
End Time:

22:27:00

Time On Btm:

Time Off Btm:

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ISI-Return @ 30 seconds. BOB in 9 minutes 15 seconds.
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
92.00	100%Mud	0.45
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	186' G.I.P.	

Gas Rates

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC.

31/23S/23W-Hodgeman

2020 N. Bramblewood
Wichita, KS 67206

Terry #1

Job Ticket: 47974

DST#: 1

ATTN: David Gould

Test Start: 2012.07.28 @ 07:44:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
92.00	100%Mud	0.452
2966.00	40%Gas/60%Oil	36.595
	186' G.I.P.	

Total Length: -996941.00 ft Total Volume: 37.047 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

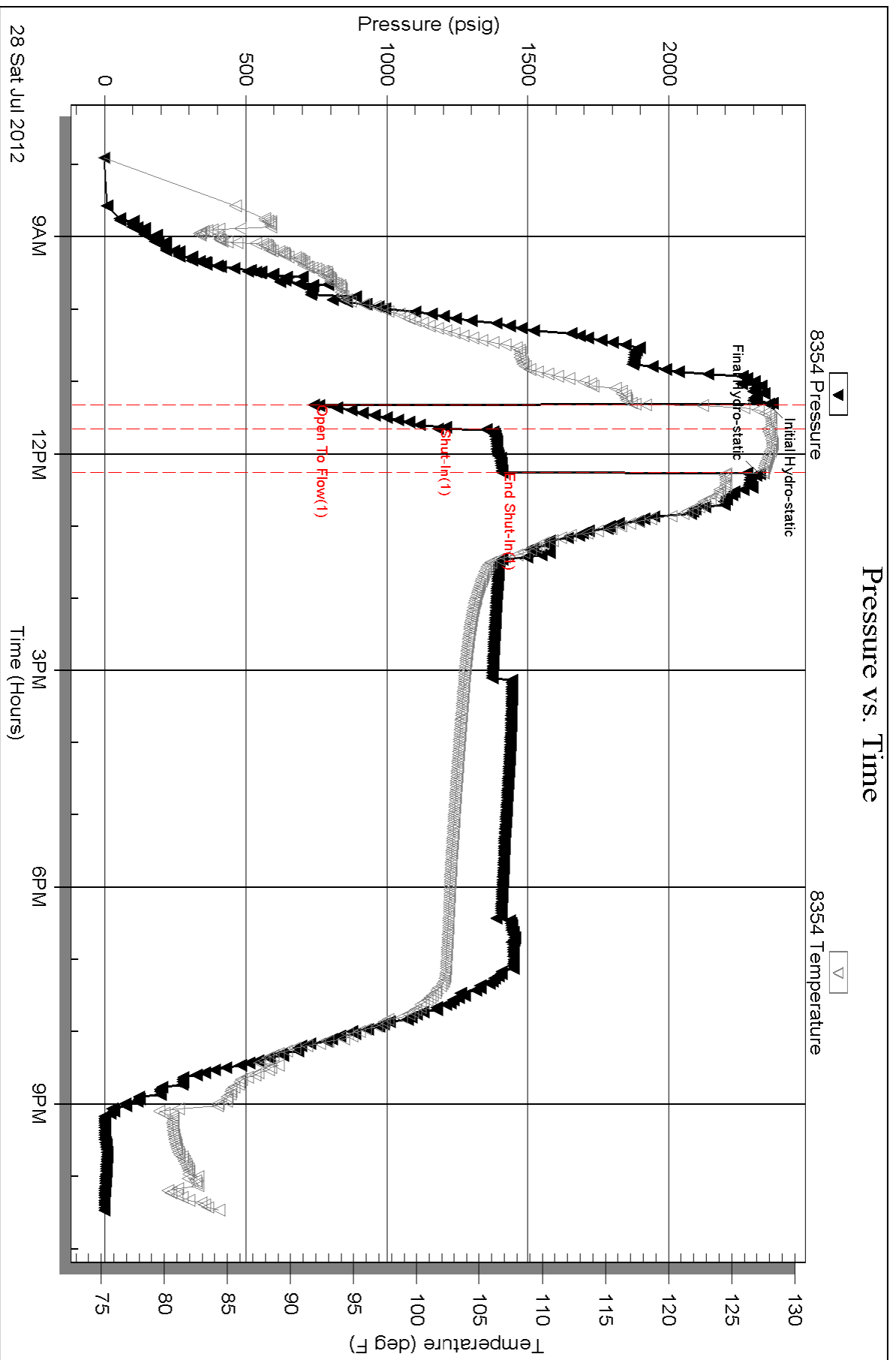
Inside

Berexco, LLC.

Terry #1

DST Test Number: 1

Pressure vs. Time



Serial #: 8520

Outside Berexco, LLC.

Terry #1

DST Test Number: 1

