



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

6/5s/23w

1515 Wynkoop, STE 700  
Denver, Co 80202

**Don ET AL #1-6**

Job Ticket: 58365

**DST#: 1**

ATTN: Dan Pritchard

Test Start: 2014.07.25 @ 14:02:00

## GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:50:30

Time Test Ended: 21:52:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quitana

Unit No: 66

**Interval: 3500.00 ft (KB) To 3519.00 ft (KB) (TVD)**

Reference Elevations: 2348.00 ft (KB)

Total Depth: 3906.00 ft (KB) (TVD)

2340.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8653 Outside**

Press @ Run Depth: 31.64 psig @ 3506.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.25 End Date: 2014.07.25

Last Calib.: 2014.07.25

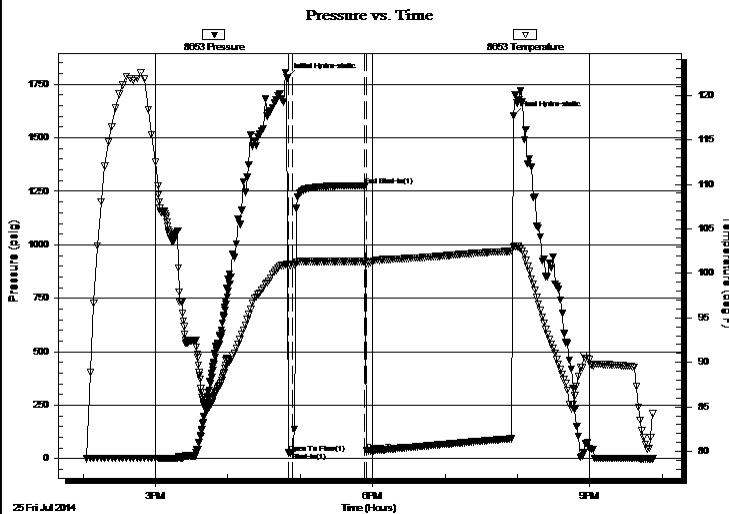
Start Time: 14:03:00 End Time: 21:52:00

Time On Btm: 2014.07.25 @ 16:49:00

Time Off Btm: 2014.07.25 @ 19:56:30

**TEST COMMENT:** 5 - IF - Opened w / surface blow , built to 1/2"  
60 - ISI - No Return  
30 - FF - Opened w / surface blow , built to 10"  
120 - FSI - No Shut In

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.46	101.08	Initial Hydro-static
2	27.07	100.81	Open To Flow (1)
5	31.64	100.90	Shut-In(1)
65	1276.53	101.35	End Shut-In(1)
66	36.90	101.12	Open To Flow (2)
188	1601.75	102.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
173.00	MCW 77%w , 23%m	2.15

## Gas Rates

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



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Total Depth: 3906.00 ft (KB) (TVD)

2340.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8874** Inside

Press@RunDepth: psig @ 3506.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.25

End Date:

2014.07.25

Last Calib.:

2014.07.25

Start Time: 14:03:00

End Time:

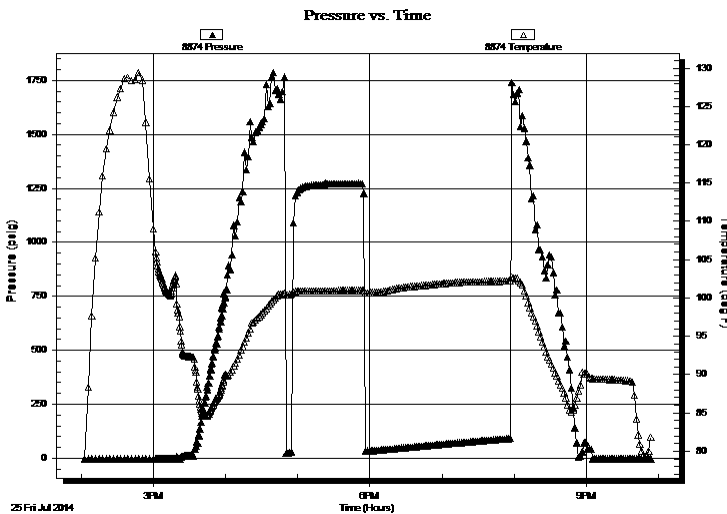
21:53:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 5 - IF - Opened w / surface blow , built to 1/2"  
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### PRESSURE SUMMARY



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

### Recovery

Length (ft)	Description	Volume (bbl)
173.00	MCW 77%w , 23%m	2.15

### Gas Rates

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



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**Don ET AL #1-6**

Job Ticket: 58365

**DST#: 1**

ATTN: Dan Pritchard

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Tester: Brandon Quitana

Unit No: 66

**Interval: 3500.00 ft (KB) To 3519.00 ft (KB) (TVD)**

Total Depth: 3906.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2348.00 ft (KB)

2340.00 ft (CF)

KB to GR/CF: 8.00 ft

## Serial #: 8791

Press @ Run Depth: psig @ ft (KB)

Start Date: 2014.07.25 End Date: 2014.07.25

Start Time: 14:03:00 End Time: 21:53:30

Capacity: 8000.00 psig

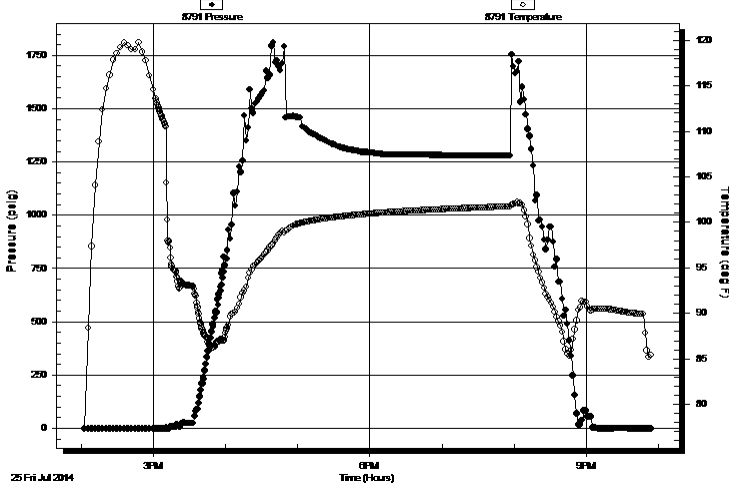
Last Calib.: 2014.07.25

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 5 - IF - Opened w / surface blow , built to 1/2"  
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30 - FF - Opened w / surface blow , built to 10"  
120 - FSI - No Shut In

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
173.00	MCW 77%w , 23%m	2.15

## Gas Rates

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



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**Don ET AL #1-6**

Job Ticket: 58365

**DST#: 1**

ATTN: Dan Pritchard

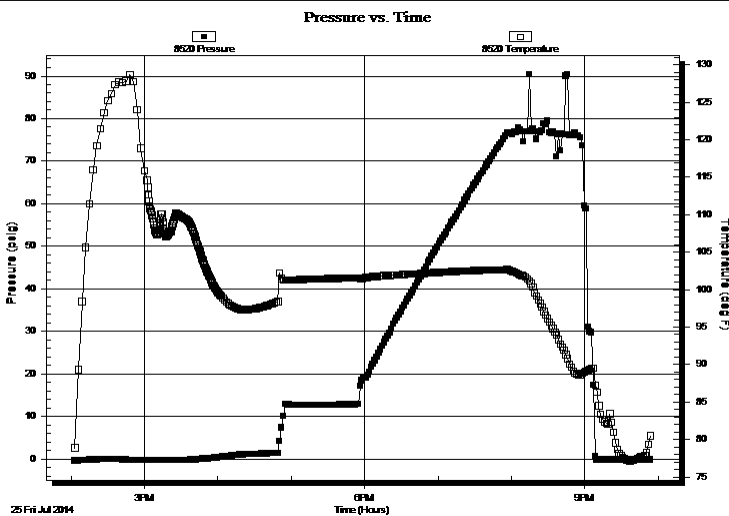
Test Start: 2014.07.25 @ 14:02:00

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**Tester:** Brandon Quitana  
**Time Test Ended:** 21:52:00  
**Unit No:** 66  
**Interval:** 3500.00 ft (KB) To 3519.00 ft (KB) (TVD)  
**Reference Elevations:** 2348.00 ft (KB)  
**Total Depth:** 3906.00 ft (KB) (TVD)  
**2340.00 ft (CF)**  
**Hole Diameter:** 7.88 inches  
**Hole Condition:** Fair  
**KB to GR/CF:** 8.00 ft

**Serial #: 8520** Below (Straddle)  
**Press @ RunDepth:** psig @ 3533.00 ft (KB) **Capacity:** 8000.00 psig  
**Start Date:** 2014.07.25 **End Date:** 2014.07.25 **Last Calib.:** 2014.07.25  
**Start Time:** 14:03:00 **End Time:** 21:53:30 **Time On Btm:**  
**Time Off Btm:**

**TEST COMMENT:** 5 - IF - Opened w / surface blow , built to 1/2"  
 60 - ISI - No Return  
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 120 - FSI - No Shut In



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
173.00	MCW 77%w , 23%m	2.15

## Gas Rates

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



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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**6/5s/23w**

1515 Wynkoop, STE 700  
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**Don ET AL #1-6**

Job Ticket: 58365

**DST#: 1**

ATTN: Dan Pritchard

Test Start: 2014.07.25 @ 14:02:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
173.00	MCW 77%w , 23%m	2.153

Total Length: 173.00 ft      Total Volume: 2.153 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

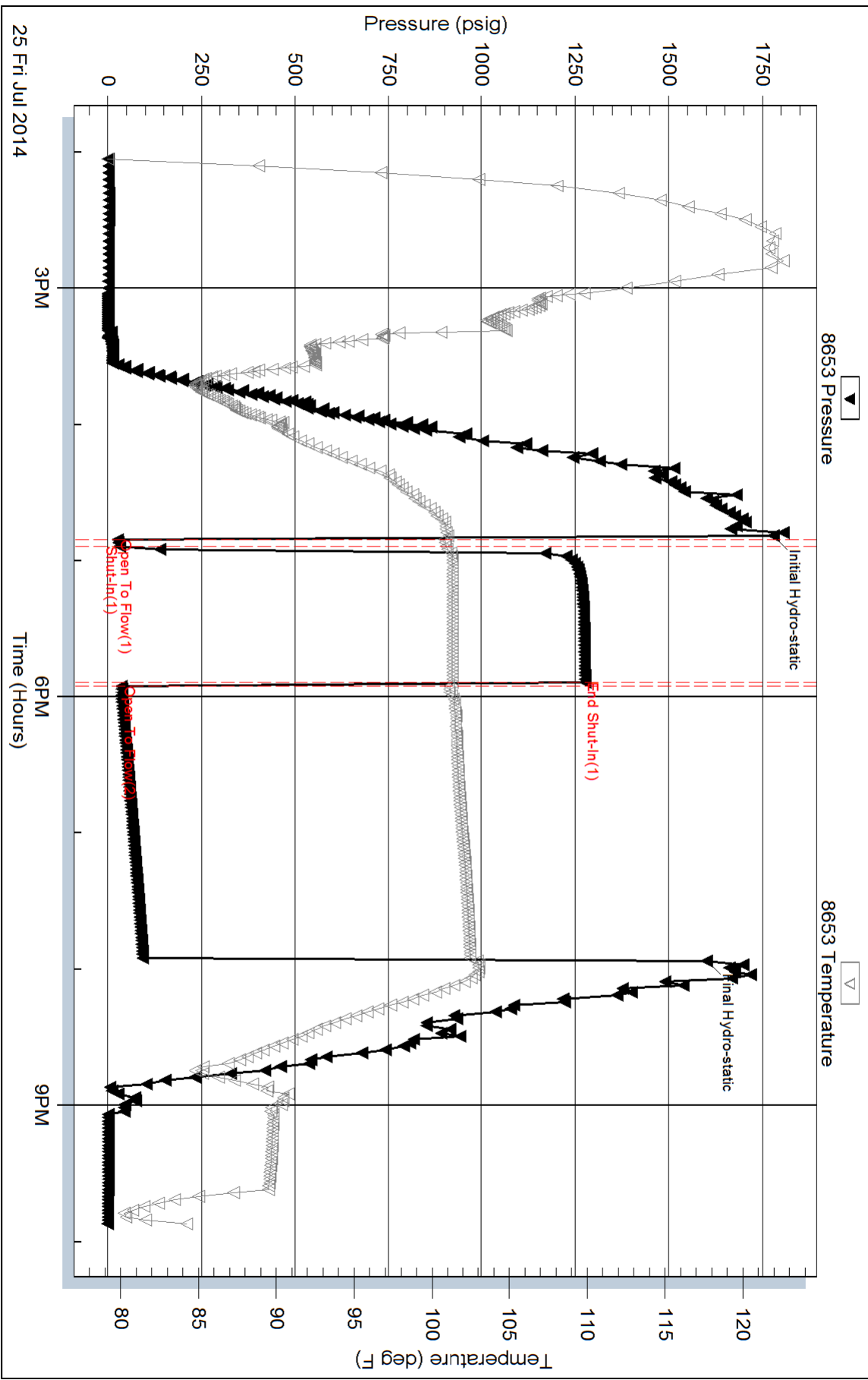
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



Serial #: 8874

Inside

Sam Gary Jr. & Assoc.

Don ETAL #1-6

DST Test Number: 1

