



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Triple Crown Operating LLC

**26 19s 24w Ness**

2201 S Utica Pl Ste 100  
Tulsa OK 74114-7099

**Fanshier 1-26**

ATTN: Rod Anderson

Job Ticket: 64755

**DST#: 3**

Test Start: 2016.01.16 @ 06:37:00

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:37:45  
 Time Test Ended: 13:45:00  
 Interval: **4315.00 ft (KB) To 4340.00 ft (KB) (TVD)**  
 Total Depth: 4340.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jim Svaty  
 Unit No: 76  
 Reference Elevations: 2267.00 ft (KB)  
 2258.00 ft (CF)  
 KB to GR/CF: 9.00 ft

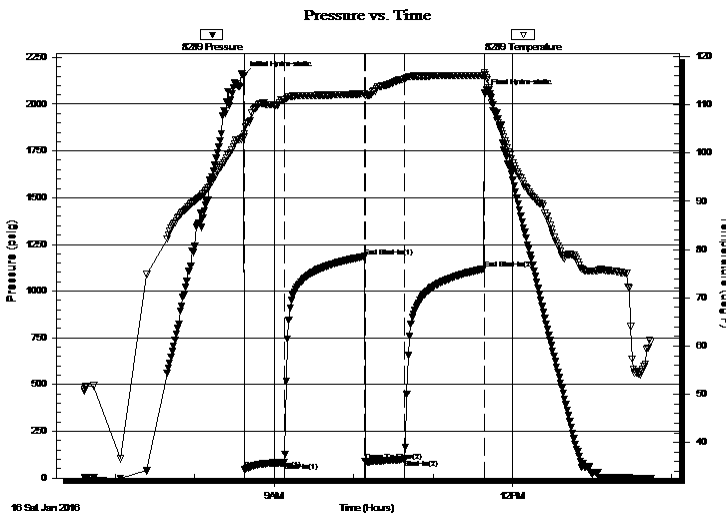
## Serial #: 8289

**Outside**

Press @ Run Depth: 101.57 psig @ 4317.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.01.16 End Date: 2016.01.16 Last Calib.: 2016.01.16  
 Start Time: 06:37:02 End Time: 13:45:00 Time On Btm: 2016.01.16 @ 08:37:15  
 Time Off Btm: 2016.01.16 @ 11:38:45

TEST COMMENT: 30-IF- Surface Blow Building to 4in.  
 60-ISI- No Blow  
 30-FF- Surface Blow Building to 3/4in.  
 60-FSI- No Blow

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2153.81         | 103.26       | Initial Hydro-static |
| 1           | 45.79           | 104.06       | Open To Flow (1)     |
| 31          | 85.90           | 110.95       | Shut-In(1)           |
| 91          | 1186.07         | 112.31       | End Shut-In(1)       |
| 92          | 88.92           | 111.89       | Open To Flow (2)     |
| 122         | 101.57          | 115.44       | Shut-In(2)           |
| 182         | 1119.20         | 116.13       | End Shut-In(2)       |
| 182         | 2058.97         | 116.73       | Final Hydro-static   |

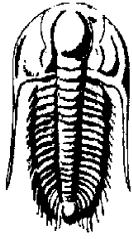
## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 121.00      | OCM 5%o 95%m  | 0.60         |
| 20.00       | OCM 30%o 70%m | 0.28         |
| 60.00       | CO 100%       | 0.84         |
| 0.00        | 100 GIP       | 0.00         |
|             |               |              |
|             |               |              |

## Gas Rates

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

\* Recovery from multiple tests



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## DRILL STEM TEST REPORT

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**Fanshier 1-26**

ATTN: Rod Anderson

Job Ticket: 64755

**DST#: 3**

Test Start: 2016.01.16 @ 06:37:00

### GENERAL INFORMATION:

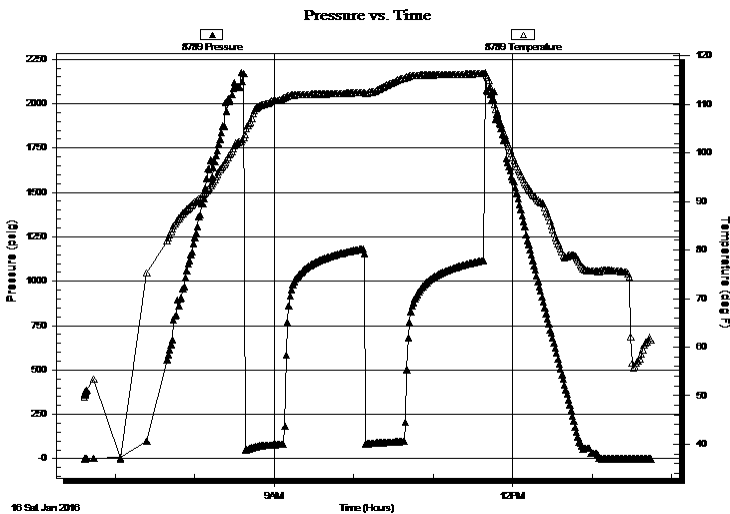
|                   |   |                 |      |                       |                                  |
|-------------------|---|-----------------|------|-----------------------|----------------------------------|
| Formation:        | <b>Miss</b>                                     |                 |      | Test Type:            | Conventional Bottom Hole (Reset) |
| Deviated:         | No Whipstock:                                   | ft (KB)         |      | Tester:               | Jim Svaty                        |
| Time Tool Opened: | 08:37:45  |                 |      | Unit No:              | 76                               |
| Time Test Ended:  | 13:45:00  |                 |      | Reference Elevations: | 2267.00 ft (KB)                  |
| <b>Interval:</b>  | <b>4315.00 ft (KB) To 4340.00 ft (KB) (TVD)</b> |                 |      |                       | 2258.00 ft (CF)                  |
| Total Depth:      | 4340.00 ft (KB) (TVD)                           |                 |      | KB to GR/CF:          | 9.00 ft                          |
| Hole Diameter:    | 7.88 inches                                     | Hole Condition: | Fair |                       |                                  |

**Serial #: 8789 Inside**

|                    |                        |               |              |
|--------------------|------------------------|---------------|--------------|
| Press @ Run Depth: | psig @ 4317.00 ft (KB) | Capacity:     | 8000.00 psig |
| Start Date:        | 2016.01.16             | End Date:     | 2016.01.16   |
| Start Time:        | 06:37:02               | End Time:     | 13:44:45     |
|                    |                        | Last Calib.:  | 2016.01.16   |
|                    |                        | Time On Btm:  |              |
|                    |                        | Time Off Btm: |              |

TEST COMMENT: 30-IF- Surface Blow Building to 4in.  
60-ISI- No Blow  
30-FF- Surface Blow Building to 3/4in.  
60-FSI- No Blow

### PRESSURE SUMMARY



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

### Recovery

| Length (ft) | Description     | Volume (bbl) |
|-------------|-----------------|--------------|
| 121.00      | OCM 5% o 95% m  | 0.60         |
| 20.00       | OCM 30% o 70% m | 0.28         |
| 60.00       | CO 100%         | 0.84         |
| 0.00        | 100 GIP         | 0.00         |
|             |                 |              |
|             |                 |              |

### Gas Rates

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

\* Recovery from multiple tests



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Triple Crown Operating LLC

**26 19s 24w Ness**

2201 S Utica Pl Ste 100  
Tulsa OK 74114-7099

**Fanshier 1-26**

Job Ticket: 64755

**DST#: 3**

ATTN: Rod Anderson

Test Start: 2016.01.16 @ 06:37:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.50 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbbl |
|--------------|---------------|----------------|
| 121.00       | OCM 5%o 95%m  | 0.595          |
| 20.00        | OCM 30%o 70%m | 0.281          |
| 60.00        | CO 100%       | 0.842          |
| 0.00         | 100 GIP       | 0.000          |

Total Length: 201.00 ft

Total Volume: 1.718 bbl

Num Fluid Samples: 0

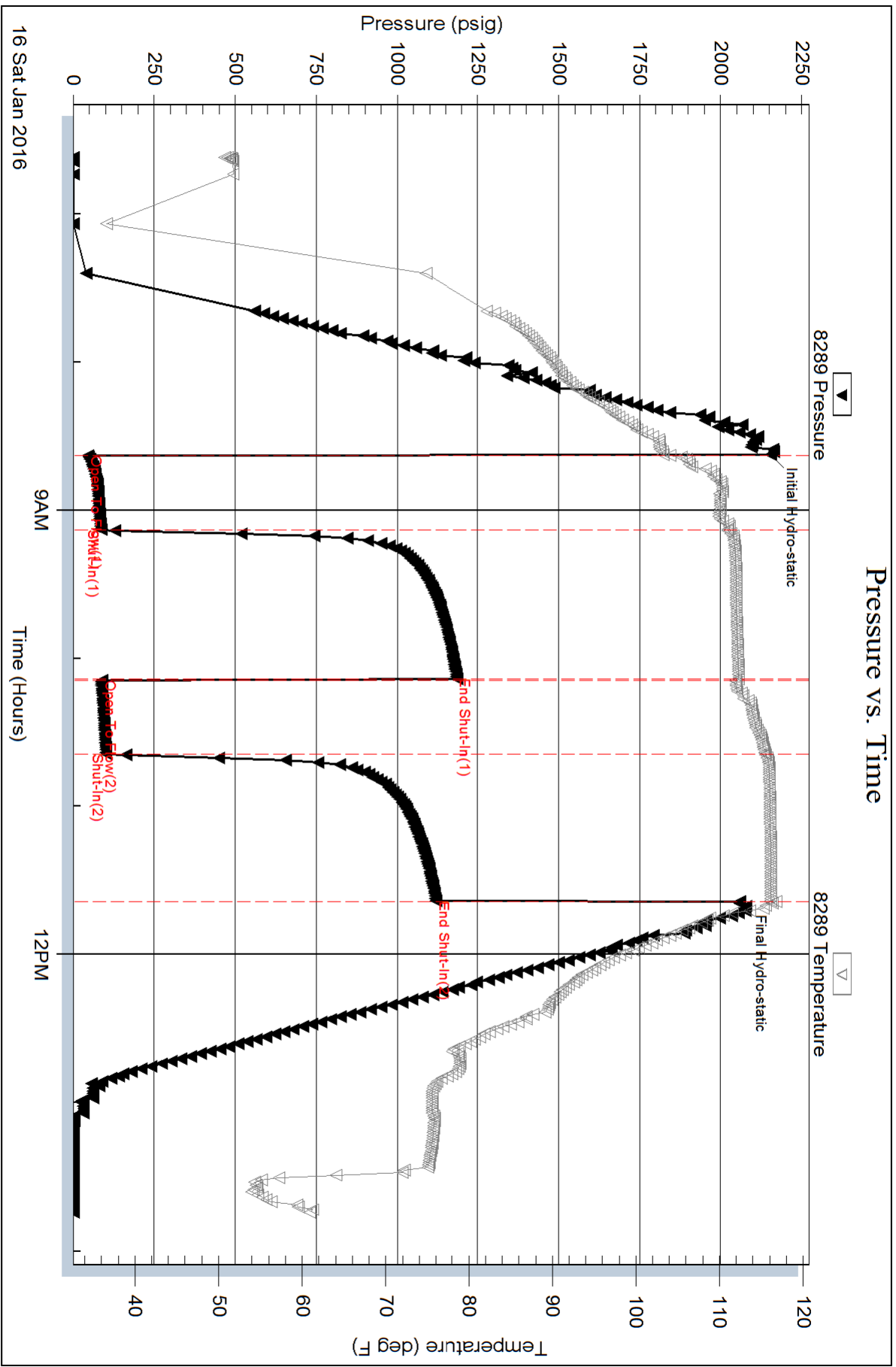
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8789

Inside

Triple Crown Operating LLC

Fanshler 1-26

DST Test Number: 3

