



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Ritchie Exploration Inc.

**3-18s-33w Scott Co KS**

8100 E. 22nd. St.  
N#700 Box 783188  
Wichita Ks 67278  
ATTN: John Goldsmith

**L-Bo Land 3 C #1**

Job Ticket: 61337

**DST#: 2**

Test Start: 2017.02.23 @ 19:56:15

## GENERAL INFORMATION:

Formation: **Altamont A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:55:30

Time Test Ended: 02:47:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4440.00 ft (KB) To 4479.00 ft (KB) (TVD)**

Reference Elevations: 3006.00 ft (KB)

Total Depth: 4479.00 ft (KB) (TVD)

3001.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 6749**

**Outside**

Press@RunDepth: 105.17 psig @ 4441.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.02.23

End Date:

2017.02.24

Last Calib.:

2017.02.24

Start Time: 19:56:15

End Time:

02:47:30

Time On Btm:

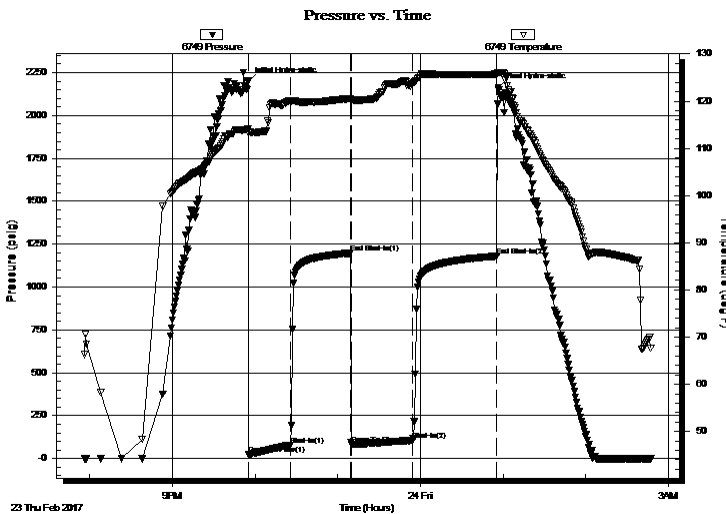
2017.02.23 @ 21:55:15

Time Off Btm:

2017.02.24 @ 00:56:30

**TEST COMMENT:** IF: Built to 2" blow  
IS: No return blow  
FF: No blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.39	114.14	Initial Hydro-static
1	23.31	113.30	Open To Flow (1)
31	78.48	120.03	Shut-In(1)
74	1197.47	120.50	End Shut-In(1)
75	81.08	120.24	Open To Flow (2)
120	105.17	123.75	Shut-In(2)
181	1179.98	125.70	End Shut-In(2)
182	2162.56	126.01	Final Hydro-static

## Recovery

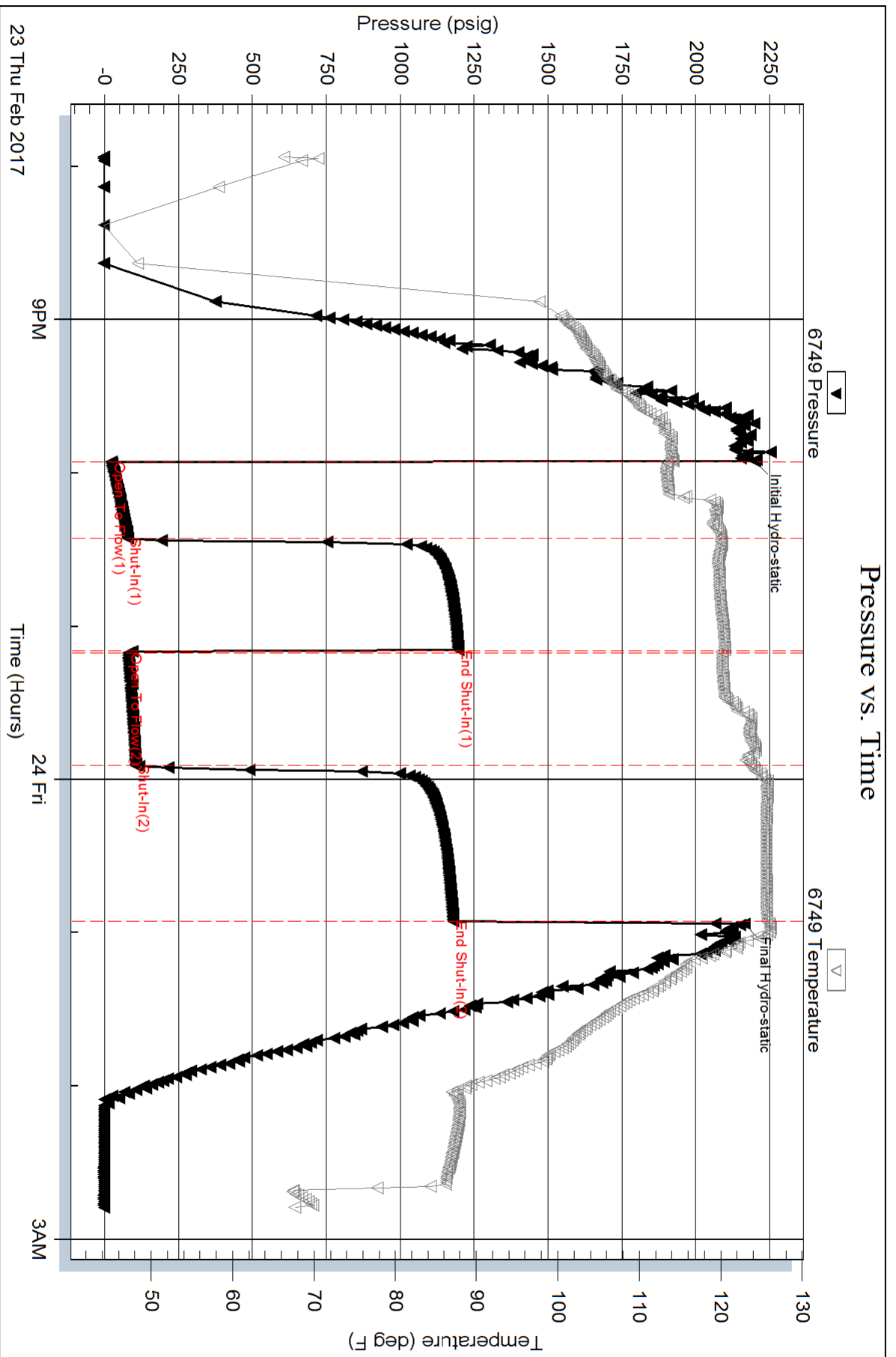
Length (ft)	Description	Volume (bbl)
150.00	mud 100% m	0.97

## Gas Rates

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

\* Recovery from multiple tests





Serial #: 8672

Inside

Ritchie Exploration Inc.

L-Bo Land 3 C#1

DST Test Number: 2

