

**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Marexco, Inc  
 PO Box 21598  
 Oklahoma City, Ok 73156  
 ATTN: Larry Nicholson

**28 14s 29w Gove, Ks**  
**Lundgren #32-28**  
 Job Ticket: 65176 **DST#: 3**  
 Test Start: 2019.01.07 @ 01:40:00

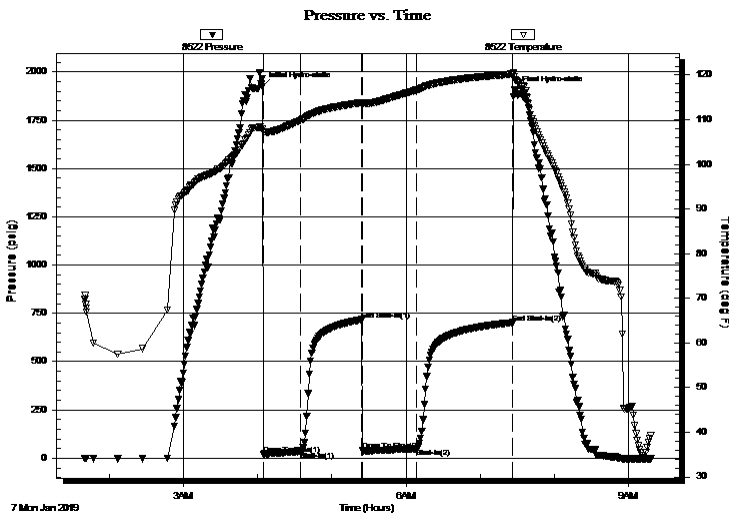
## GENERAL INFORMATION:

Formation: **LKC- K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:04:45  
 Time Test Ended: 09:17:45  
 Interval: **3922.00 ft (KB) To 3962.00 ft (KB) (TVD)**  
 Total Depth: 3962.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 2611.00 ft (KB)  
 2606.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8522 Inside**  
 Press@RunDepth: 49.35 psig @ 3923.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.01.07 End Date: 2019.01.07 Last Calib.: 2019.01.07  
 Start Time: 01:40:05 End Time: 09:17:44 Time On Btm: 2019.01.07 @ 04:03:30  
 Time Off Btm: 2019.01.07 @ 07:28:15

**TEST COMMENT:** IF: 4 1/2" blow .  
 IS: No return.  
 FF: 3 1/2" blow .  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.01	107.88	Initial Hydro-static
2	21.94	107.30	Open To Flow (1)
32	34.70	109.83	Shut-In(1)
81	717.22	113.83	End Shut-In(1)
82	41.00	113.51	Open To Flow (2)
125	49.35	116.61	Shut-In(2)
203	702.08	120.21	End Shut-In(2)
205	1900.64	119.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
67.00	w cm 40w 60m (oil spots)	0.94
3.00	oil 100o	0.04

## Gas Rates

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

\* Recovery from multiple tests





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**FLUID SUMMARY**

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Oklahoma City, Ok 73156  
ATTN: Larry Nicholson

**28 14s 29w Gove, Ks**  
**Lundgren #32-28**  
Job Ticket: 65176      **DST#: 3**  
Test Start: 2019.01.07 @ 01:40:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
67.00	w cm 40w 60m (oil spots)	0.940
3.00	oil 100o	0.042

Total Length: 70.00 ft      Total Volume: 0.982 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: rw is .231 @ 43f = 53000ppm

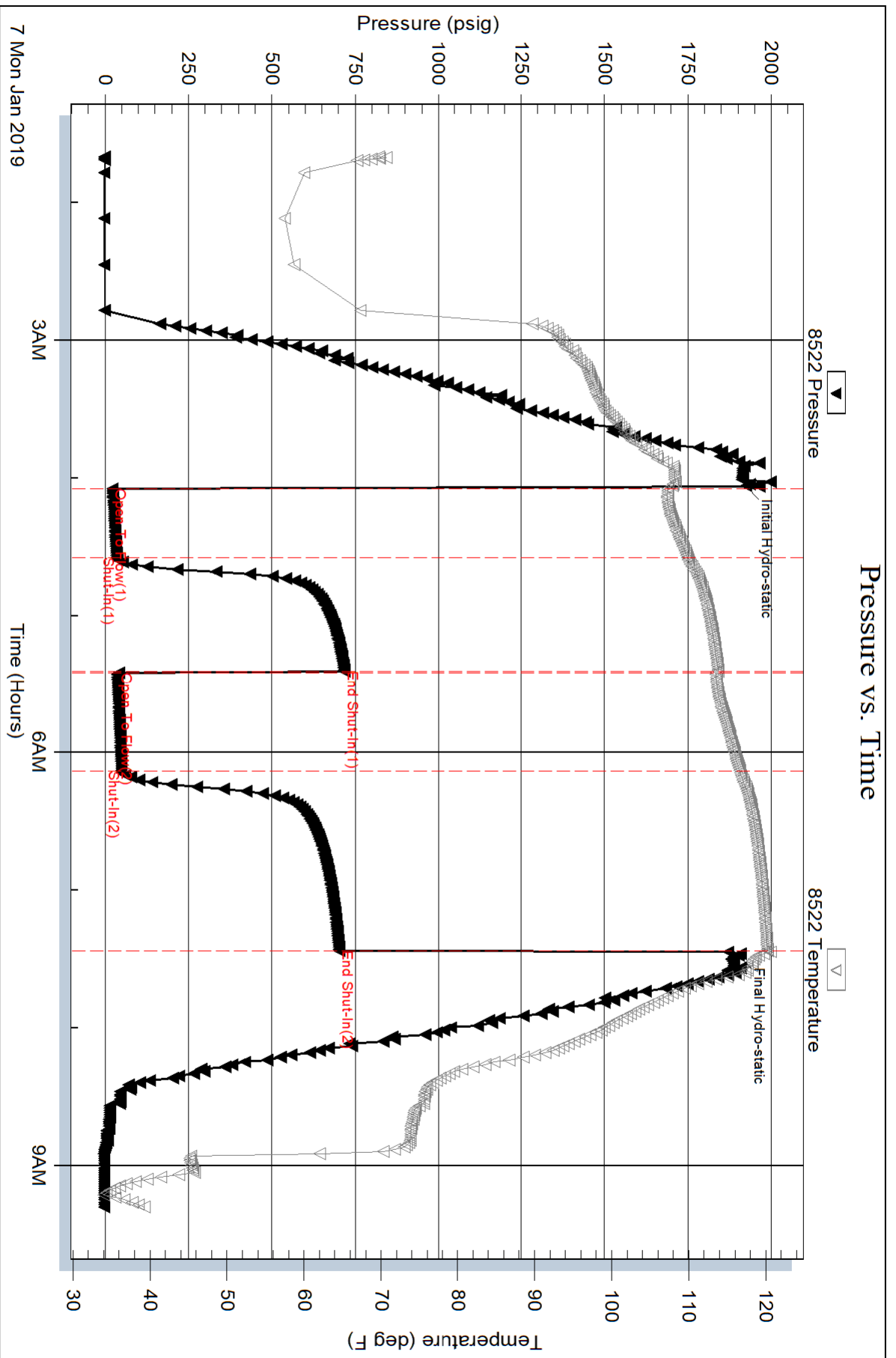
Serial #: 8522

Inside

Marexco, Inc

Lundgren #32-28

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65176

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