

**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Triple Crown Operating LLC

**3-20s-24w Ness Co.**

2201 Utica Pl STE 100  
Tulsa OK 74114

**Lane Trust #2-3**

ATTN: Sean Deenihan

Job Ticket: 64019

**DST#: 1**

Test Start: 2018.05.30 @ 12:24:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:04:20

Time Test Ended: 19:00:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cade Gerhard

Unit No: 65

**Interval: 4326.00 ft (KB) To 4425.00 ft (KB) (TVD)**

Reference Elevations: 2321.00 ft (KB)

Total Depth: 4425.00 ft (KB) (TVD)

2316.00 ft (CF)

Hole Diameter: inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8653**

**Inside**

Press@RunDepth: 305.39 psig @ 4327.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.05.30

End Date:

2018.05.30

Last Calib.: 2018.05.30

Start Time: 12:24:01

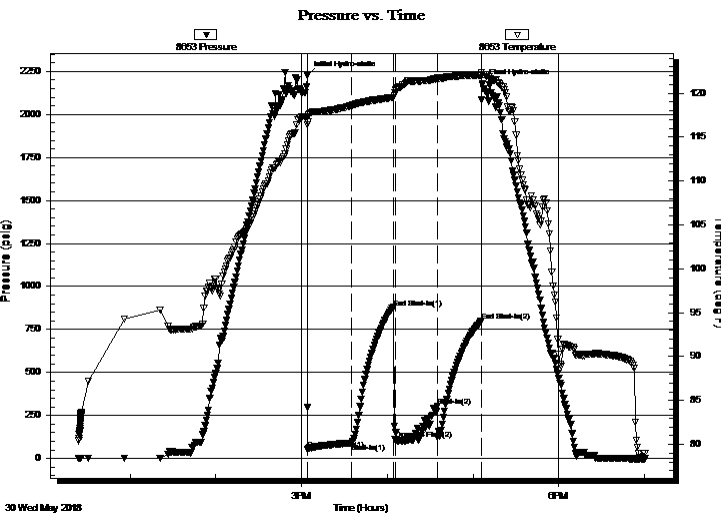
End Time:

19:00:30

Time On Btm: 2018.05.30 @ 15:04:00

Time Off Btm: 2018.05.30 @ 17:06:20

**TEST COMMENT:** IF-30- Weak blow ; built to 3 1/2"  
 IS-30- No blow back  
 FF-30- Very weak surface blow ; built to 1/2"  
 FS-30- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.99	117.22	Initial Hydro-static
1	55.53	116.70	Open To Flow (1)
31	90.06	118.60	Shut-In(1)
61	876.95	119.53	End Shut-In(1)
62	109.46	120.00	Open To Flow (2)
91	305.39	121.74	Shut-In(2)
122	797.89	122.06	End Shut-In(2)
123	2177.83	122.11	Final Hydro-static

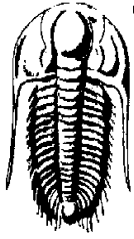
## Recovery

Length (ft)	Description	Volume (bbl)
130.00	VSOCM 2%O 98%M	0.68
4.00	VSMCO 2%M 98%O	0.06

## Gas Rates

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





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## FLUID SUMMARY

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**DST#: 1**

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Test Start: 2018.05.30 @ 12:24:00

### 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
130.00	VSOCM 2%O 98%M	0.676
4.00	VSMCO 2%M 98%O	0.057

Total Length: 134.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM-1#