



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Anderson Exploration LLC

**7-7S-24W Graham, KS**

168 S. Lark Ln.  
Wichita, KS 67209

**Dwane Anderson #7-1**

ATTN: Dean Anderson

Job Ticket: 61162

**DST#: 3**

Test Start: 2015.03.06 @ 20:34:49

## GENERAL INFORMATION:

Formation: **Tor- LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:51:49

Time Test Ended: 05:04:19

Test Type: Conventional Straddle (Reset)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3714.00 ft (KB) To 3826.00 ft (KB) (TVD)**

Reference Elevations: 2540.00 ft (KB)

Total Depth: 4086.00 ft (KB) (TVD)

2530.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8655 Outside**

Press @ Run Depth: 244.17 psig @ 3715.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.06

End Date:

2015.03.07

Last Calib.:

2015.03.07

Start Time: 20:34:50

End Time:

05:04:19

Time On Btm:

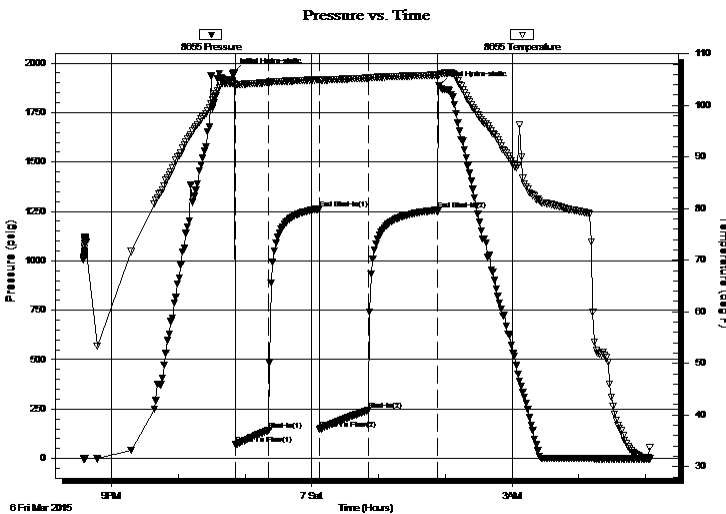
2015.03.06 @ 22:49:49

Time Off Btm:

2015.03.07 @ 01:54:19

**TEST COMMENT:** 30- IF- BOB 13mins  
45- IS- No blow  
45- FF- BOB 18mins  
60- FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.08	104.25	Initial Hydro-static
2	70.07	103.80	Open To Flow (1)
32	142.66	104.40	Shut-In(1)
77	1262.52	104.96	End Shut-In(1)
78	146.96	104.76	Open To Flow (2)
121	244.17	105.29	Shut-In(2)
183	1256.26	105.89	End Shut-In(2)
185	1886.83	105.85	Final Hydro-static

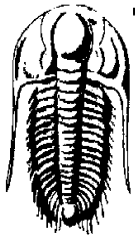
## Recovery

Length (ft)	Description	Volume (bbl)
380.00	MW, 20%M 80%W	5.19

\* Recovery from multiple tests

## Gas Rates

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



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Dwane Anderson #7-1

Job Ticket: 61162

DST#: 3

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Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:51:49

Time Test Ended: 05:04:19

Interval: **3714.00 ft (KB) To 3826.00 ft (KB) (TVD)**

Total Depth: 4086.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: Brannan Lonsdale

Unit No: 62

Reference Elevations: 2540.00 ft (KB)

2530.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8673 Below (Straddle)**

Press @ Run Depth: psig @ 3833.00 ft (KB)

Start Date: 2015.03.06

End Date:

2015.03.07

Start Time: 20:35:02

End Time:

05:06:31

Capacity: 8000.00 psig

Last Calib.:

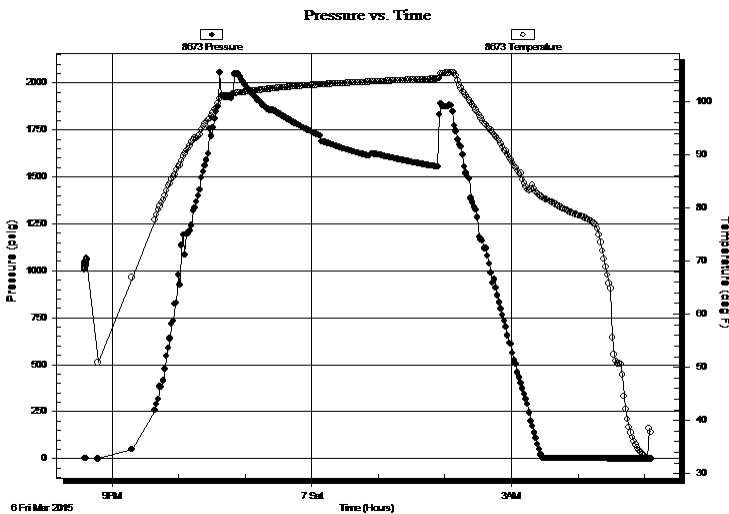
2015.03.07

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- BOB 13mins  
45- ISI- No blow  
45- FF- BOB 18mins  
60- FSI- No blow

### PRESSURE SUMMARY



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

### Recovery

Length (ft)	Description	Volume (bbl)
380.00	MW, 20%M 80%W	5.19

### Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

Anderson Exploration LLC

**7-7S-24W Graham, KS**

168 S. Lark Ln.  
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**Dwane Anderson #7-1**

Job Ticket: 61162

**DST#: 3**

ATTN: Dean Anderson

Test Start: 2015.03.06 @ 20:34:49

## 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:

60000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
380.00	MW, 20%M 80%W	5.191

Total Length: 380.00 ft

Total Volume: 5.191 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

