



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Daystar Petroleum Inc  
 522 N Main Street  
 PO Box 560  
 Eureka, Kansas 67045+0560  
 ATTN: Brad Rine

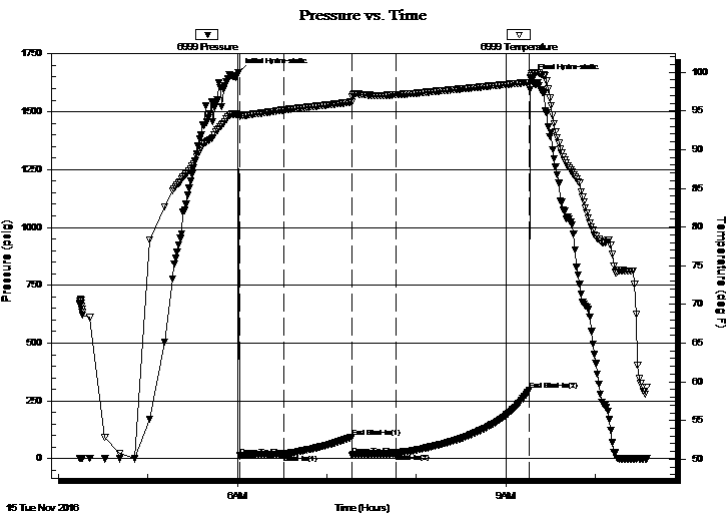
**25/12S/18W/Ellis**  
**Schneider # 1-25**  
 Job Ticket: 63682 **DST#: 1**  
 Test Start: 2016.11.15 @ 04:14:00

## GENERAL INFORMATION:

Formation: **LKC C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:01:30  
 Time Test Ended: 10:34:30  
 Interval: **3457.00 ft (KB) To 3482.00 ft (KB) (TVD)**  
 Total Depth: 3482.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 72  
 Reference Elevations: 2168.00 ft (KB)  
 2163.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6999 Inside**  
 Press@RunDepth: 22.32 psig @ 3478.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.11.15 End Date: 2016.11.15 Last Calib.: 2016.11.15  
 Start Time: 04:14:05 End Time: 10:34:29 Time On Btm: 2016.11.15 @ 06:00:30  
 Time Off Btm: 2016.11.15 @ 09:17:00

TEST COMMENT: I.F. 30 minutes Blow built to 1 1/2 inch  
 I.S.I. 45 minutes No blow back  
 F.F. 30 minutes Blow built to 2 inches  
 F.S.I. 90 minutes No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.99	94.55	Initial Hydro-static
1	12.75	94.32	Open To Flow (1)
31	17.82	95.12	Shut-In(1)
76	92.60	96.13	End Shut-In(1)
77	16.39	96.76	Open To Flow (2)
106	22.32	97.09	Shut-In(2)
195	295.10	98.69	End Shut-In(2)
197	1642.34	99.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oily Mud/ Oil 5% Mud 95%	0.07
0.00	45 feet of gas in pipe	0.00

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Daystar Petroleum Inc  
 522 N Main Street  
 PO Box 560  
 Eureka, Kansas 67045+0560  
 ATTN: Brad Rine

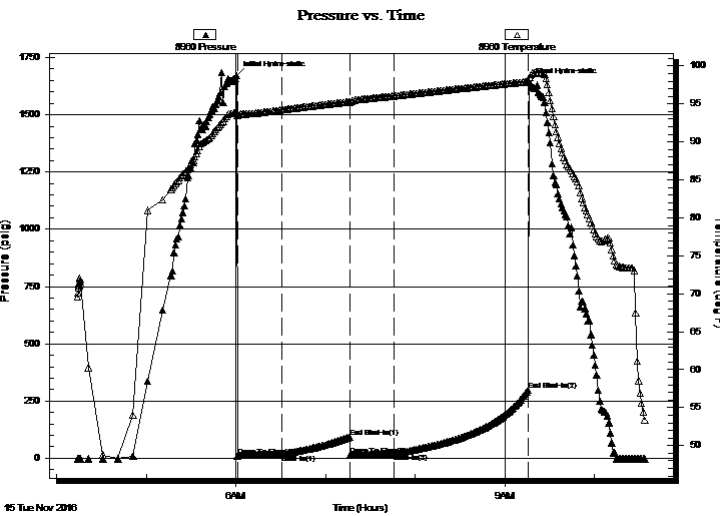
**25/12S/18W/Ellis**  
**Schneider # 1-25**  
 Job Ticket: 63682 **DST#: 1**  
 Test Start: 2016.11.15 @ 04:14:00

## GENERAL INFORMATION:

Formation: **LKC C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:01:30  
 Time Test Ended: 10:34:30  
 Interval: **3457.00 ft (KB) To 3482.00 ft (KB) (TVD)**  
 Total Depth: 3482.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 72  
 Reference Elevations: 2168.00 ft (KB)  
 2163.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8960 Outside**  
 Press@RunDepth: 298.64 psig @ 3479.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.11.15 End Date: 2016.11.15 Last Calib.: 2016.11.15  
 Start Time: 04:14:05 End Time: 10:33:59 Time On Btm: 2016.11.15 @ 06:00:30  
 Time Off Btm: 2016.11.15 @ 09:16:30

TEST COMMENT: I.F. 30 minutes Blow built to 1 1/2 inch  
 I.S.I. 45 minutes No blow back  
 F.F. 30 minutes Blow built to 2 inches  
 F.S.I. 90 minutes No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1670.74	93.83	Initial Hydro-static
1	10.35	93.53	Open To Flow (1)
31	16.59	94.23	Shut-In(1)
76	92.25	95.29	End Shut-In(1)
76	14.74	95.27	Open To Flow (2)
106	20.43	96.06	Shut-In(2)
195	298.64	97.94	End Shut-In(2)
196	1641.03	98.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oily Mud/ Oil 5% Mud 95%	0.07
0.00	45 feet of gas in pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Daystar Petroleum Inc

**25/12S/18W/Ellis**

522 N Main Street  
PO Box 560  
Eureka, Kansas 67045+0560  
ATTN: Brad Rine

**Schneider # 1-25**

Job Ticket: 63682

**DST#: 1**

Test Start: 2016.11.15 @ 04:14:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 8.00 lb/gal

Viscosity: 67.00 sec/qt

Water Loss: 6.40 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Oily Mud/ Oil 5% Mud 95%	0.074
0.00	45 feet of gas in pipe	0.000

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

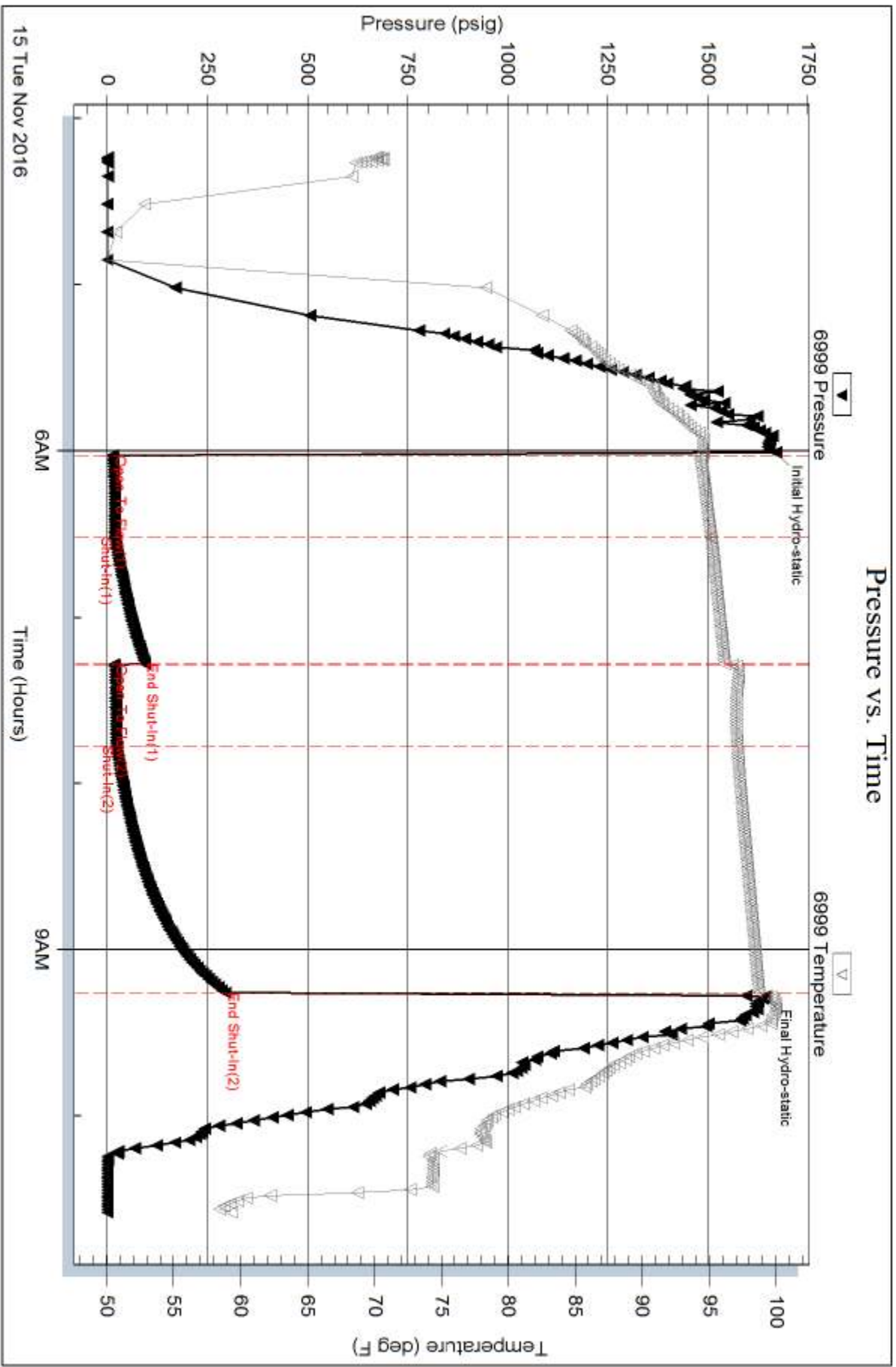
Serial #: 6999

Inside

Daystar Petroleum Inc

Schneider # 1-25

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63682

Printed: 2016.11.15 @ 11:09:54

