



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

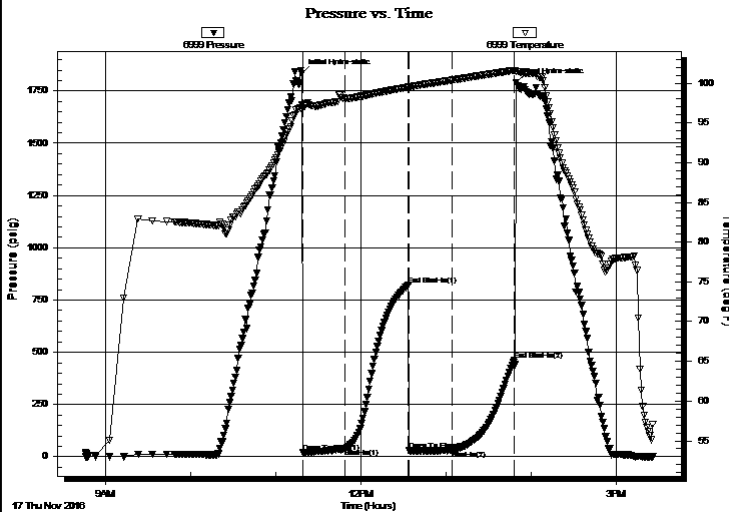
25/12S/18W/Ellis
Schneider # 1-25
Job Ticket: 63685 **DST#: 4**
Test Start: 2016.11.17 @ 08:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:19:00
Time Test Ended: 15:26:00
Interval: 3677.00 ft (KB) To 3719.00 ft (KB) (TVD)
Total Depth: 3719.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Hays/18
Reference Elevations: 2168.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6999 Inside
Press@RunDepth: 30.77 psig @ 3678.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.11.17 End Date: 2016.11.17 Last Calib.: 2016.11.17
Start Time: 08:46:05 End Time: 15:25:59 Time On Btm: 2016.11.17 @ 11:18:30
Time Off Btm: 2016.11.17 @ 13:49:30

TEST COMMENT: I.F. 30 minutes/Blow built to 1 inch then died to 1/2 inch
I.S.I. 45 minutes/No blow back
F.F. 30 minutes/Intermittent surface blow throughout
F.S.I. 45 minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.04	97.22	Initial Hydro-static
1	21.02	96.91	Open To Flow (1)
31	39.68	98.04	Shut-In(1)
75	821.49	99.49	End Shut-In(1)
76	30.32	99.43	Open To Flow (2)
106	30.77	100.37	Shut-In(2)
150	462.17	101.60	End Shut-In(2)
151	1789.85	101.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Oil cut Mud/Oil 5% Mud 95%	0.12
5.00	Muddy Oil/Mud 30% Oil 70%	0.02

Gas Rates

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



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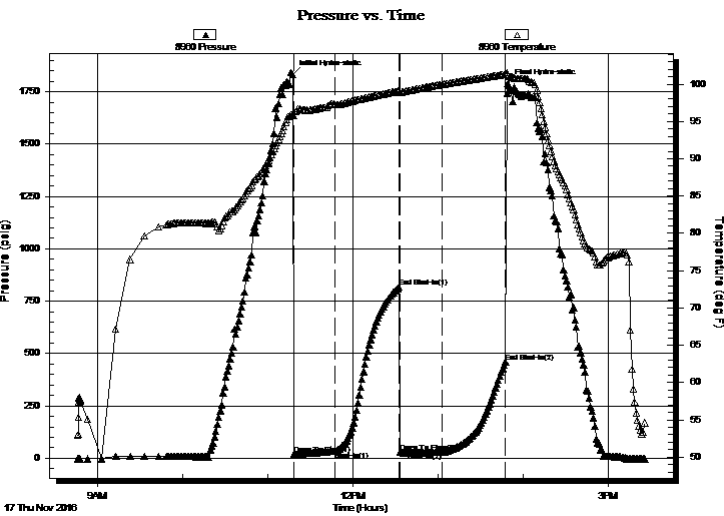
25/12S/18W/Ellis
Schneider # 1-25
Job Ticket: 63685 **DST#: 4**
Test Start: 2016.11.17 @ 08:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:19:00
Time Test Ended: 15:26:00
Interval: **3677.00 ft (KB) To 3719.00 ft (KB) (TVD)**
Total Depth: 3719.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Hays/18
Reference Elevations: 2168.00 ft (KB)
2163.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8960 Outside
Press@RunDepth: 460.32 psig @ 3679.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.11.17 End Date: 2016.11.17 Last Calib.: 2016.11.17
Start Time: 08:46:05 End Time: 15:25:29 Time On Btm: 2016.11.17 @ 11:17:30
Time Off Btm: 2016.11.17 @ 13:49:00

TEST COMMENT: I.F. 30 minutes/Blow built to 1 inch then died to 1/2 inch
I.S.I. 45 minutes/No blow back
F.F. 30 minutes/Intermittent surface blow throughout
F.S.I. 45 minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.00	96.08	Initial Hydro-static
1	19.09	95.74	Open To Flow (1)
30	34.56	97.28	Shut-In(1)
75	817.01	99.10	End Shut-In(1)
76	28.69	98.86	Open To Flow (2)
106	28.95	99.96	Shut-In(2)
150	460.32	101.31	End Shut-In(2)
152	1789.29	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Oil cut Mud/Oil 5% Mud 95%	0.12
5.00	Muddy Oil/Mud 30% Oil 70%	0.02

Gas Rates

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



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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: 63685

DST#: 4

Test Start: 2016.11.17 @ 08:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 4.80 in³

Resistivity: ohm.m

Salinity: 4000.00 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
25.00	Oil cut Mud/Oil 5% Mud 95%	0.123
5.00	Muddy Oil/Mud 30% Oil 70%	0.025

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

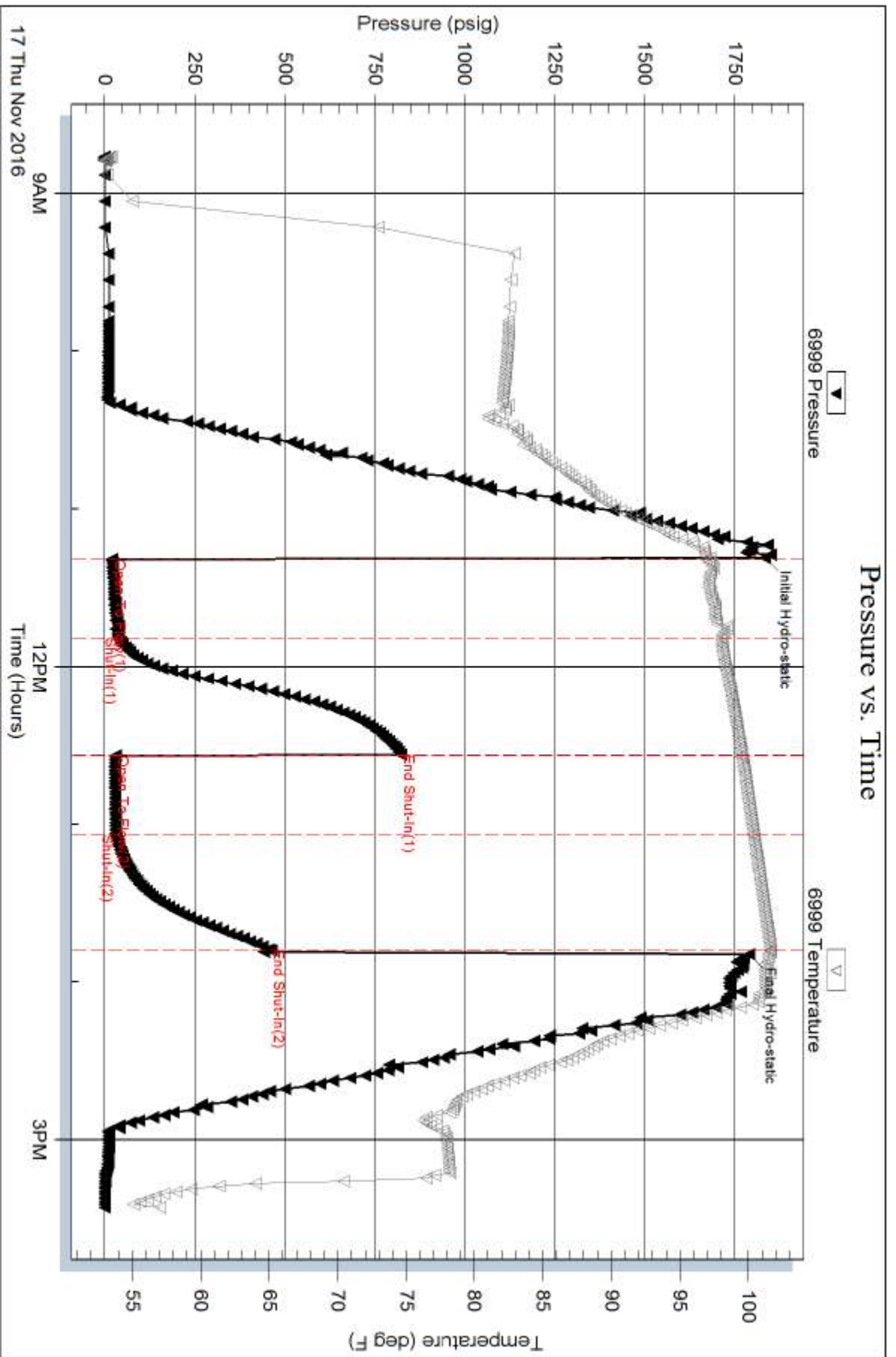
Serial #: 6999

Inside

Daystar Petroleum Inc

Schmeider # 1-25

DST Test Number: 4

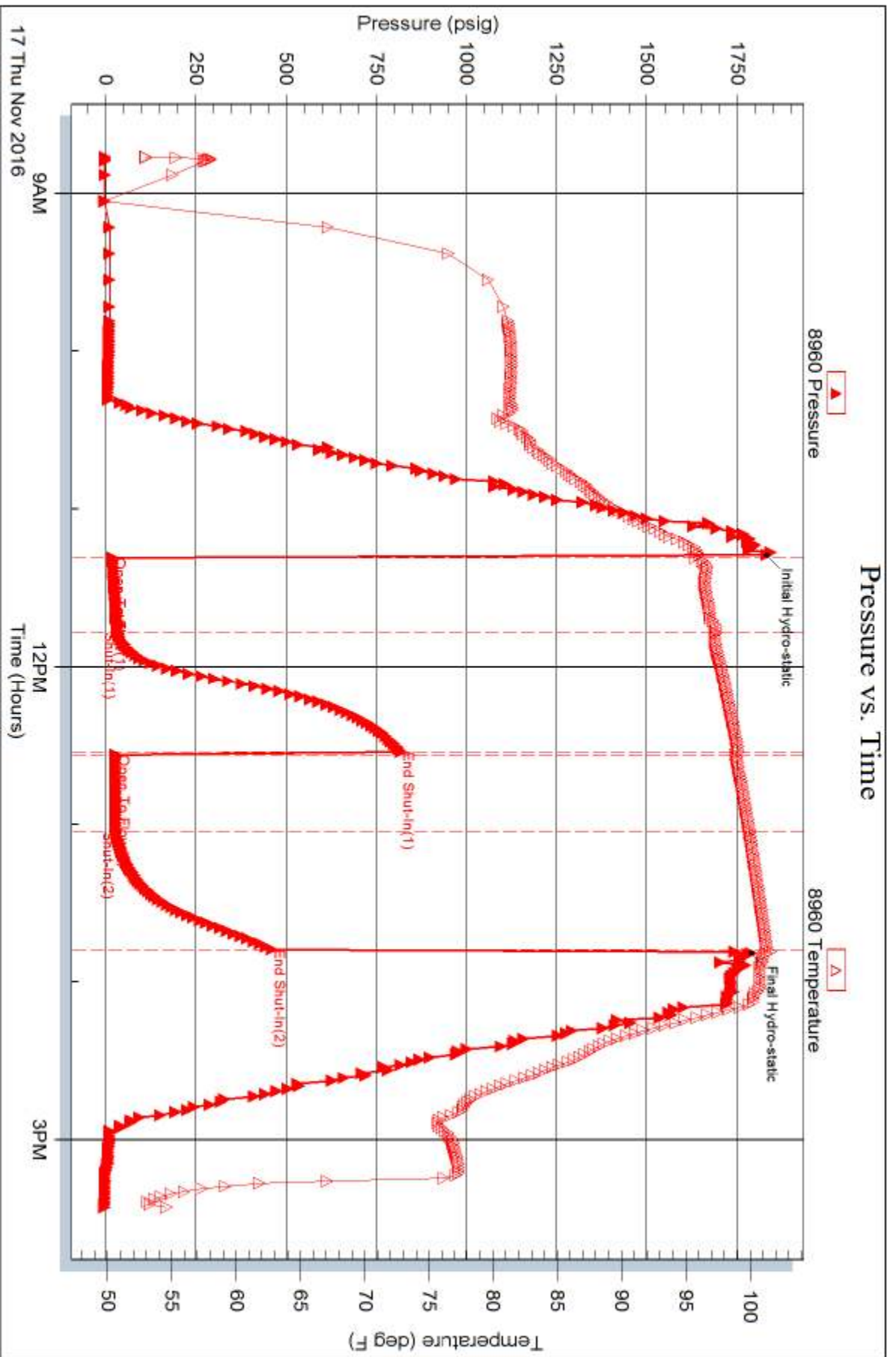


Serial #: 8960

Outside Daystar Petroleum Inc

Schmeider # 1-25

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 63685

Printed: 2016.11.17 @ 16:16:14