

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc.

2 15s 21w Trego

522 N Main St.
P.O. Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Deutscher " B " 1-2

Job Ticket: 64765

DST#: 1

Test Start: 2016.03.12 @ 23:07:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:03:45

Time Test Ended: 06:32:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 3833.00 ft (KB) To 3855.00 ft (KB) (TVD)

Reference Elevations: 2131.00 ft (KB)

Total Depth: 3855.00 ft (KB) (TVD)

2122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 67.97 psig @ 3834.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.03.12

End Date:

2016.03.13

Last Calib.:

2016.03.13

Start Time: 23:07:02

End Time:

06:32:30

Time On Btm:

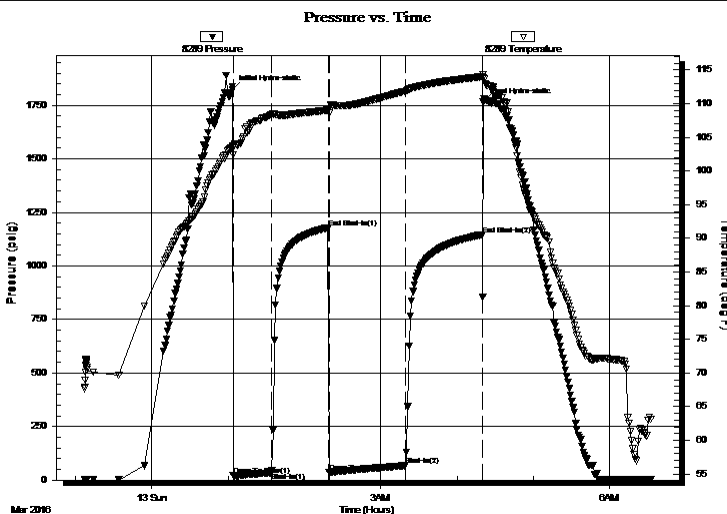
2016.03.13 @ 01:03:30

Time Off Btm:

2016.03.13 @ 04:20:30

TEST COMMENT: 30-IF- Surface Blow Building to 1 1/4in.
45-ISI- No Blow
60-FF- Surface Blow in 5min. Building to 1 1/2in.
60-FSI- No Blow

PRESSURE SUMMARY



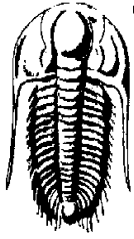
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1823.63	103.69	Initial Hydro-static
1	22.08	102.44	Open To Flow (1)
31	34.62	108.36	Shut-In(1)
75	1178.16	109.05	End Shut-In(1)
76	37.15	108.60	Open To Flow (2)
136	67.97	111.83	Shut-In(2)
197	1146.15	114.00	End Shut-In(2)
197	1764.80	114.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCW 30% m 70% w	0.44

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

Test Start: 2016.03.12 @ 23:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 5.60 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 6.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 33000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MCW 30% _m 70% _w	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

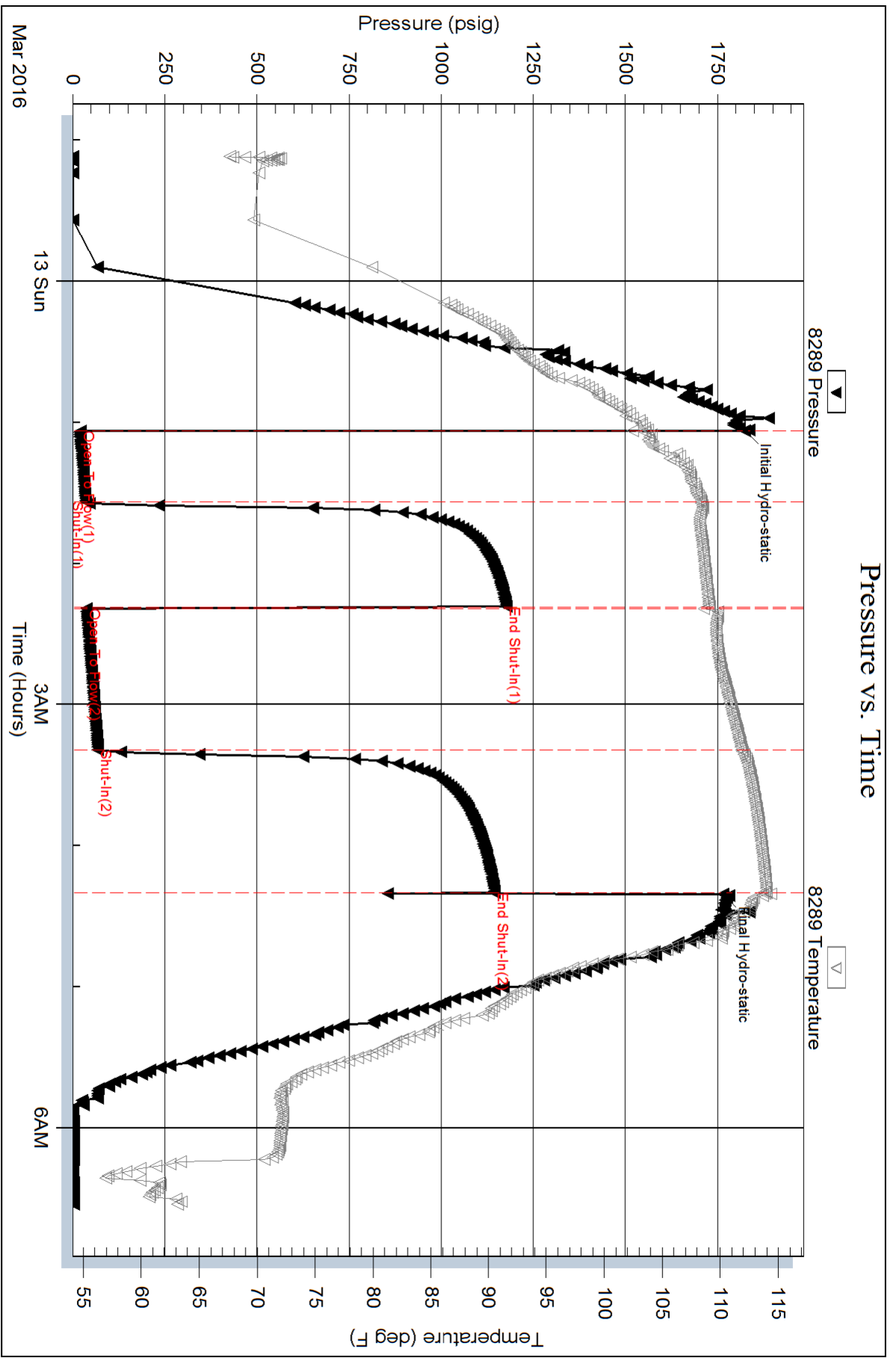
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .254 @ 58



Serial #: 8789

Inside

Daystar Petroleum Inc.

Deutscher " B " 1-2

DST Test Number: 1

