



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Darrah Oil Company

29-20s-13w Barton Co. Ks.

P.O. Box 2786
Wichita, Ks. 67201

Gaunt 'A' 1-29

Job Ticket: 57791

DST#: 2

ATTN: Seth Evenson

Test Start: 2014.11.04 @ 11:52:01

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:14:31

Time Test Ended: 17:50:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 3555.00 ft (KB) To 3565.00 ft (KB) (TVD)

Reference Elevations: 1895.00 ft (KB)

Total Depth: 3565.00 ft (KB) (TVD)

1890.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8931 Inside

Press @ Run Depth: 27.51 psig @ 3556.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.04

End Date:

2014.11.04

Last Calib.:

2014.11.04

Start Time: 11:52:06

End Time:

17:50:00

Time On Btm:

2014.11.04 @ 14:13:01

Time Off Btm:

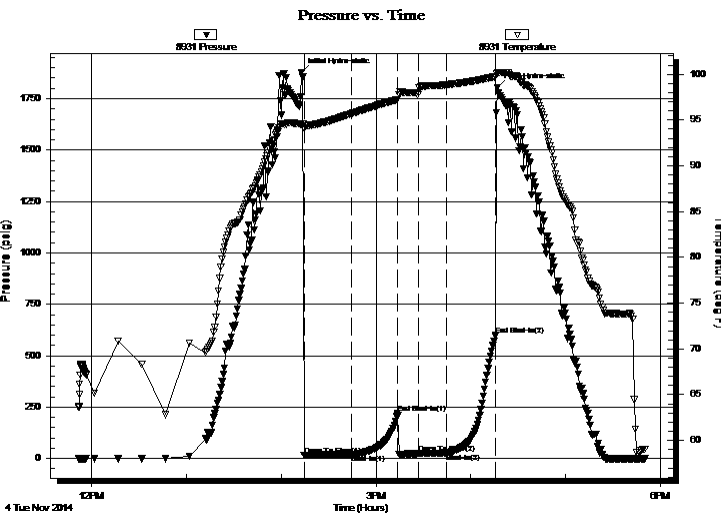
2014.11.04 @ 16:16:46

TEST COMMENT: IF: Weak blow . 1/4" died to surf., in 10 mins then in 5 mins built back to 1/4 - 1/2".

IS: No blow .

FF: No blow . Flushed after 12 mins. Built to almost 1/2".

FF: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1877.70	94.58	Initial Hydro-static
2	16.94	94.09	Open To Flow (1)
32	18.72	95.70	Shut-In(1)
61	219.16	97.22	End Shut-In(1)
74	25.02	97.74	Open To Flow (2)
92	27.51	98.84	Shut-In(2)
123	601.41	99.74	End Shut-In(2)
124	1802.48	100.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	GOCM 1%g 5%o 94%m	0.07

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 57791

DST#: 2

ATTN: Seth Evenson

Test Start: 2014.11.04 @ 11:52:01

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:

4500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	GOCM 1%g 5%o 94%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

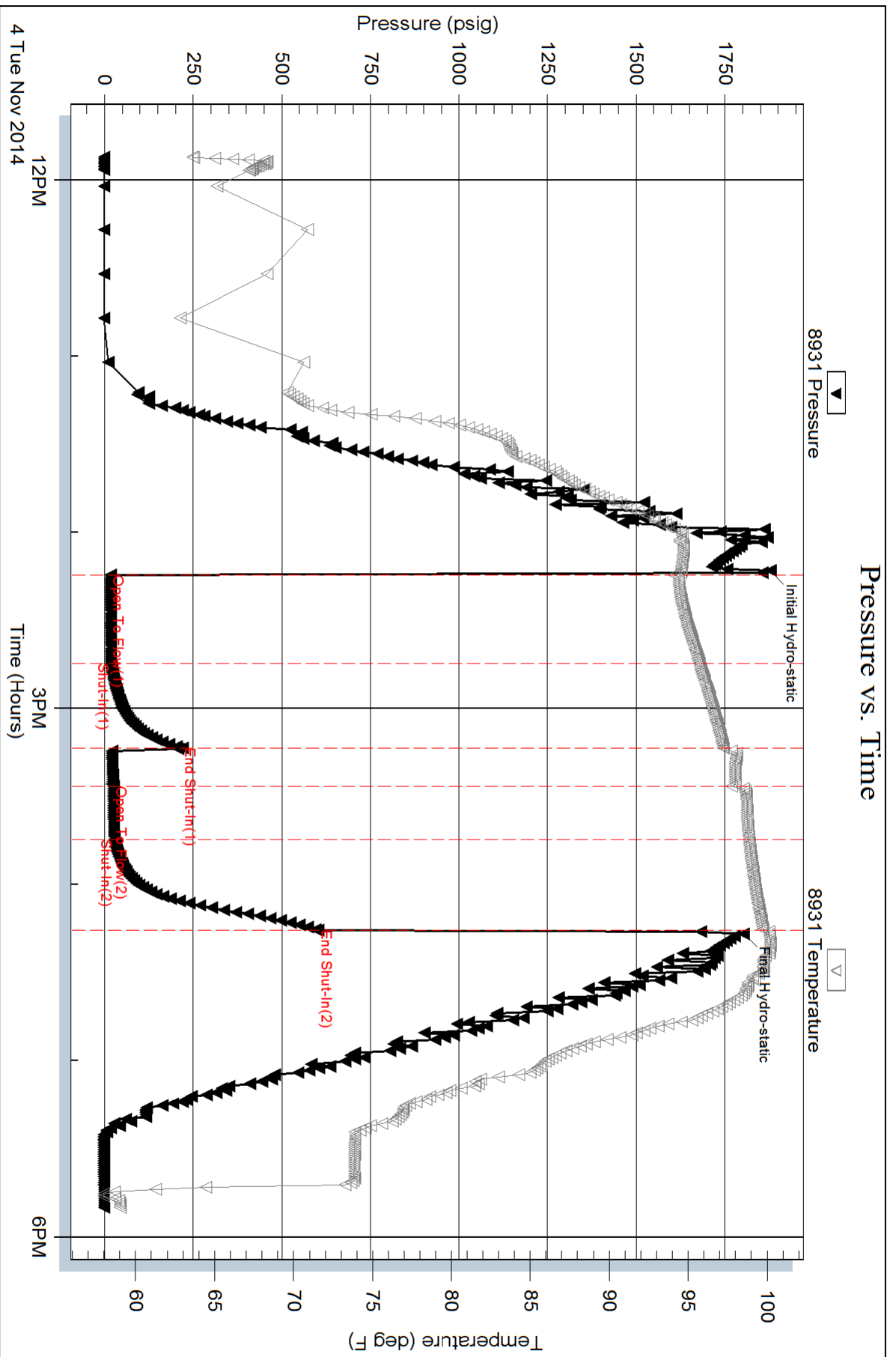
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8671

Outside Darrah Oil Company

Gaunt 'A' 1-29

DST Test Number: 2

