



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Connell, Mark Allen

1-19s-10w Rice Co.

606 W. ALBRO St.
Clafin, Ks. 67525

Behnke #11

Job Ticket: 54176

DST#: 2

ATTN: Seth Evenson

Test Start: 2014.05.27 @ 17:52:16

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:40:01

Time Test Ended: 01:42:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 3244.00 ft (KB) To 3263.00 ft (KB) (TVD)

Reference Elevations: 1727.00 ft (KB)

Total Depth: 3263.00 ft (KB) (TVD)

1722.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6773 Outside

Press@RunDepth: 388.13 psig @ 3245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.27

End Date:

2014.05.28

Last Calib.:

2014.05.28

Start Time: 17:52:21

End Time:

01:42:00

Time On Btm:

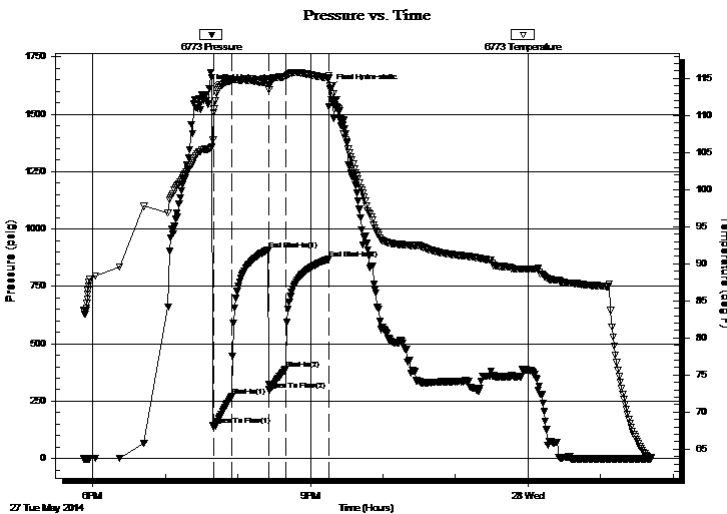
2014.05.27 @ 19:36:16

Time Off Btm:

2014.05.27 @ 21:16:16

TEST COMMENT: IF: Strong blow . B.O.B. in 1 min.
IS: Fair blow . Surf., to 6 1/2".
FF: Strong blow . B.O.B. in 1 1/2 mins.
FS: Weak blow . Surf., to 2 1/2".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.82	105.49	Initial Hydro-static
4	143.48	110.40	Open To Flow (1)
19	271.15	114.75	Shut-In(1)
49	910.11	114.36	End Shut-In(1)
50	299.39	113.49	Open To Flow (2)
63	388.13	115.21	Shut-In(2)
99	869.22	115.04	End Shut-In(2)
100	1610.35	114.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MWCGO 10%w 15%m 15%g 60%o	0.30
62.00	MWCGO 2%w 3%m 25%o 70%g	0.30
124.00	COCM 1%m 99%o	0.61
930.00	Clean Oil 100%o	13.05
0.00	1550' G.I.P. 100%g	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.97 in³

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 4000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MWCGO 10%w 15%m 15%g 60%o	0.305
62.00	MWCGO 2%w 3%m 25%o 70%g	0.305
124.00	COCM 1%m 99%o	0.610
930.00	Clean Oil 100%o	13.045
0.00	1550' G.I.P. 100%g	0.000

Total Length: 1178.00 ft Total Volume: 14.265 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

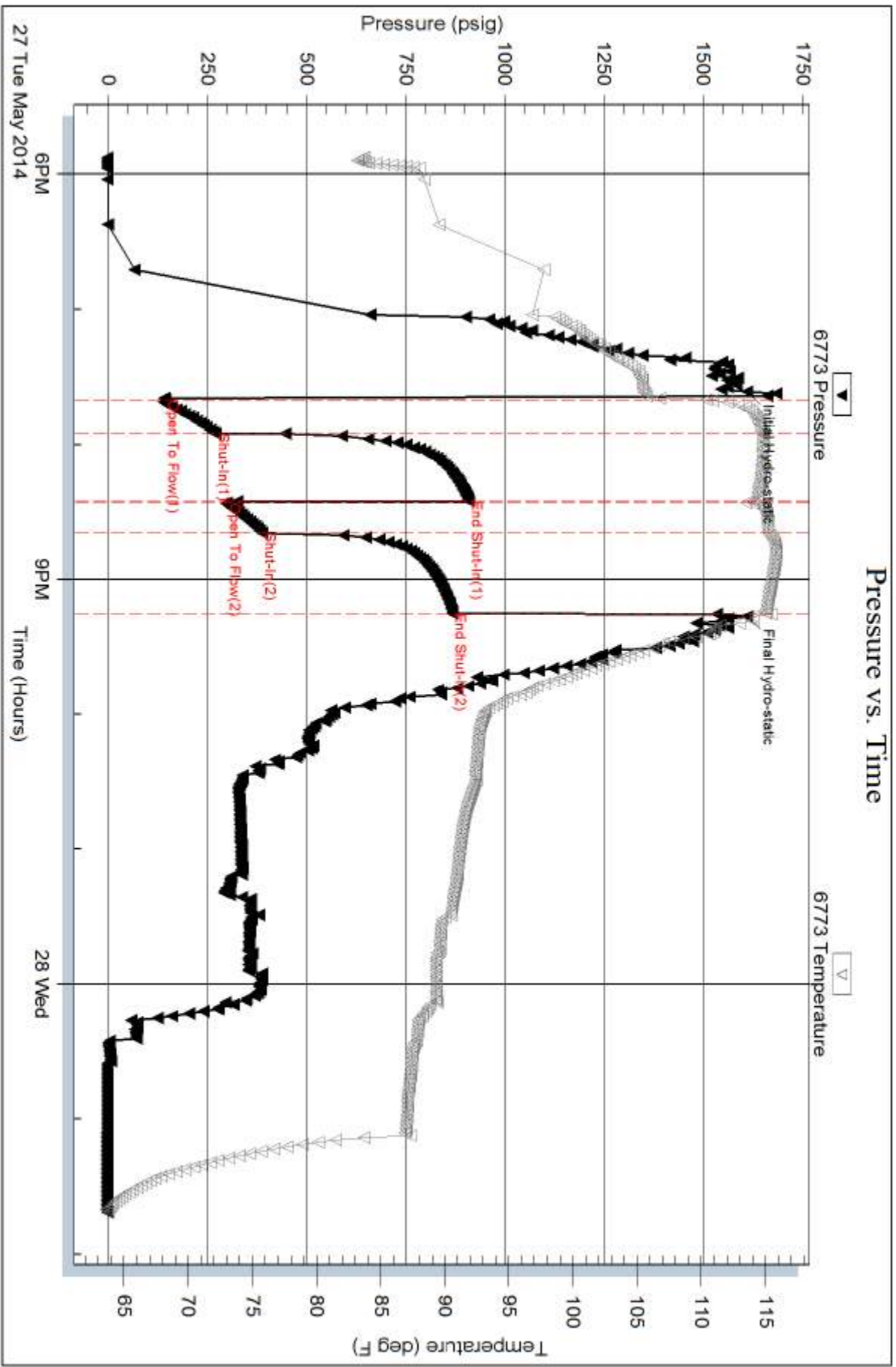
Recovery Comments: Gravity w as 49 @ 70 degrees. Converted to 48 @60. degrees

Serial #: 6773

Outside Connell, Mark Allen

Behnke #11

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54176

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