



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

K3 Oil & Gas

211 Highland Cross
Houston, Tx 77073

ATTN: Pat Deenihan

30-15-28 Gove Ks

CathrineCoberly30-14

Job Ticket: 55750

DST#: 2

Test Start: 2014.05.03 @ 05:59:15

GENERAL INFORMATION:

Formation: **D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:43:45

Time Test Ended: 12:40:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 3767.00 ft (KB) To 3824.00 ft (KB) (TVD)

Total Depth: 3824.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2549.00 ft (KB)

2542.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8373 Inside

Press@RunDepth: 991.61 psig @ 3768.00 ft (KB)

Start Date: 2014.05.03

End Date:

2014.05.03

Start Time: 05:59:20

End Time:

12:40:14

Capacity: 8000.00 psig

Last Calib.: 2014.05.03

Time On Btm: 2014.05.03 @ 08:42:15

Time Off Btm: 2014.05.03 @ 10:15:15

TEST COMMENT: IF: BOB in 30 sec.

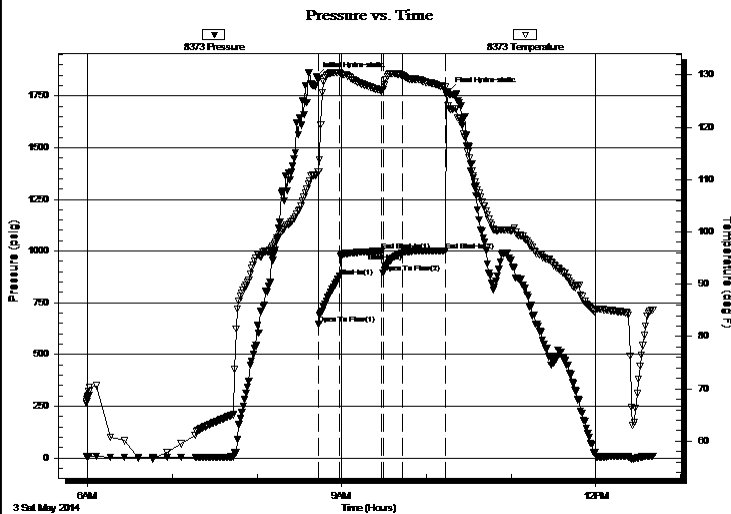
IS: No return.

FF: BOB in 1 min.

FS: No return.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1841.24	110.95	Initial Hydro-static
2	646.62	111.48	Open To Flow (1)
16	876.78	130.48	Shut-In(1)
46	998.79	126.97	End Shut-In(1)
47	893.85	127.17	Open To Flow (2)
61	991.61	129.91	Shut-In(2)
91	1001.23	127.67	End Shut-In(2)
93	1771.22	124.20	Final Hydro-static



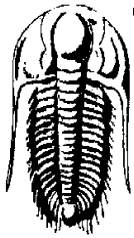
Recovery

Length (ft)	Description	Volume (bbl)
1488.00	water 100%w	20.87
248.00	mcw 60%w 40%m	3.48
310.00	w cm 5%w 95%m	4.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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2542.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8356 Outside

Press@RunDepth: psig @ 3768.00 ft (KB)

Start Date: 2014.05.03

End Date:

2014.05.03

Start Time: 05:59:07

End Time:

12:39:31

Capacity: 8000.00 psig

Last Calib.:

2014.05.03

Time On Btm:

Time Off Btm:

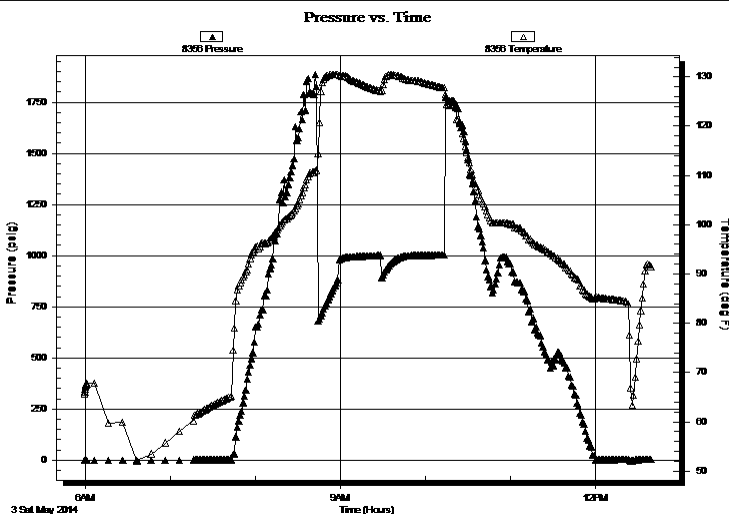
TEST COMMENT: IF: BOB in 30 sec.

IS: No return.

FF: BOB in 1 min.

FS: No return.

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1488.00	water 100%w	20.87
248.00	mcw 60%w 40%m	3.48
310.00	w cm 5%w 95%m	4.35

Gas Rates

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

K3 Oil & Gas

30-15-28 Gove Ks

211 Highland Cross
Houston, Tx 77073

CathrineCoberly30-14

Job Ticket: 55750

DST#: 2

ATTN: Pat Deenihan

Test Start: 2014.05.03 @ 05:59:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1488.00	water 100%w	20.873
248.00	mcw 60%w 40%m	3.479
310.00	w cm 5%w 95%m	4.348

Total Length: 2046.00 ft

Total Volume: 28.700 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .25@82=24000

Serial #: 8373

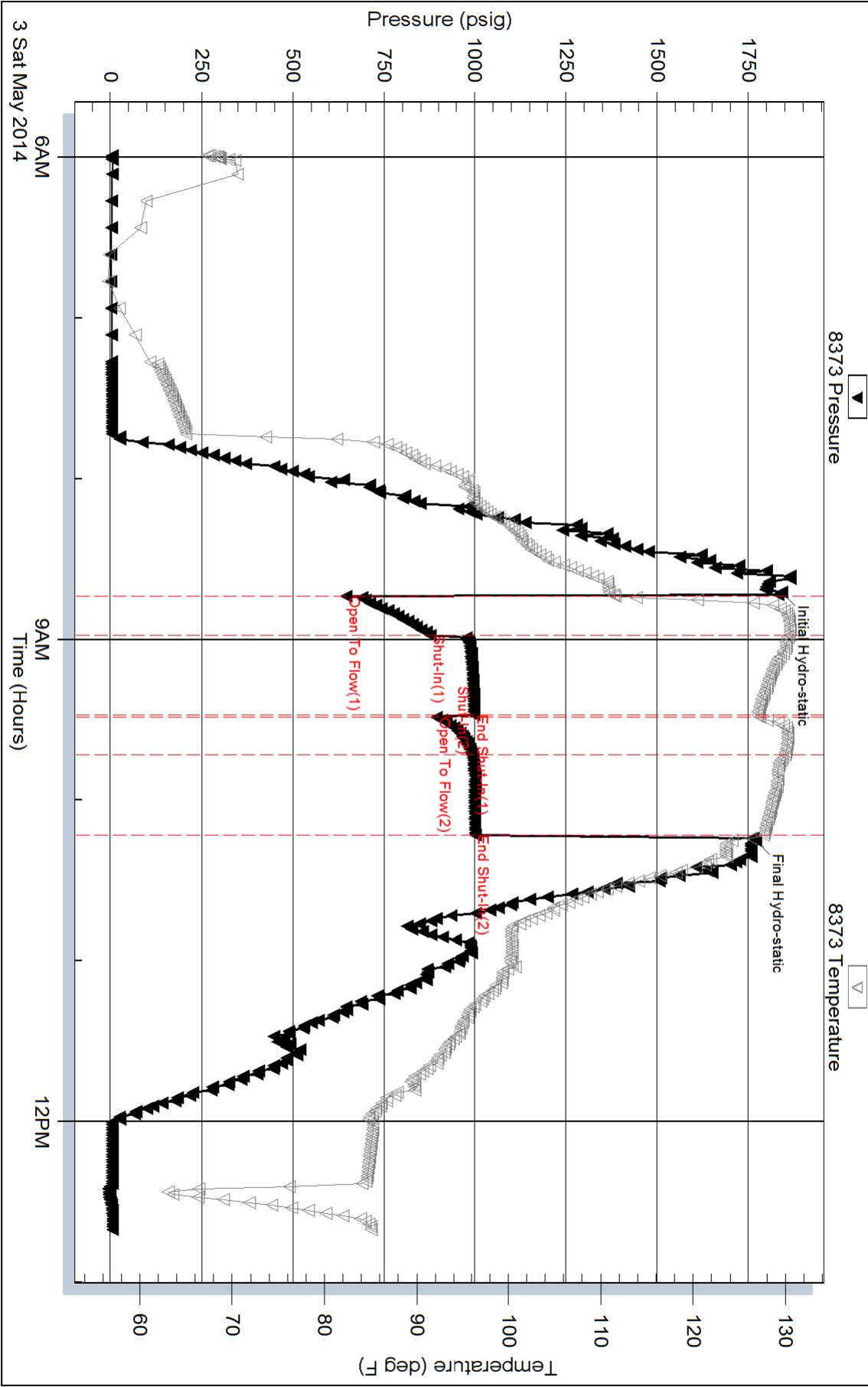
Inside

K3 Oil & Gas

CathrineCoberly30-14

DST Test Number: 2

Pressure vs. Time



Serial #: 8356

Outside K3 Oil & Gas

CathrineCoberly30-14

DST Test Number: 2

