



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: 56477

DST#: 4

Test Start: 2014.05.05 @ 00:11:15

GENERAL INFORMATION:

Formation: **JKL**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:52:15

Time Test Ended: 07:25:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 3933.00 ft (KB) To 4040.00 ft (KB) (TVD)

Total Depth: 4040.00 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: 381.48 psig @ 3938.00 ft (KB)

Start Date: 2014.05.05

End Date:

2014.05.05

Start Time: 00:11:20

End Time:

07:25:44

Capacity: 8000.00 psig

Last Calib.: 2014.05.05

Time On Btm: 2014.05.05 @ 02:50:15

Time Off Btm: 2014.05.05 @ 04:25:45

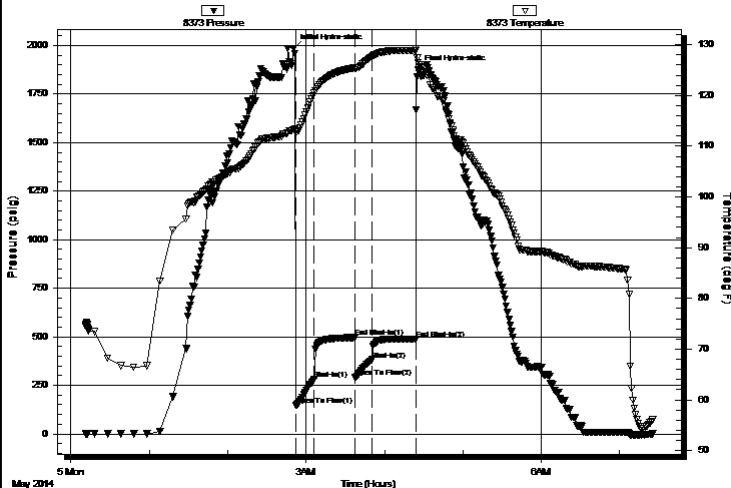
TEST COMMENT: IF: BOB in 1 1/2 min.

IS: No return.

FF: BOB in 3 min.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1983.76	113.23	Initial Hydro-static
2	148.53	112.83	Open To Flow (1)
16	281.38	120.45	Shut-In(1)
47	496.42	125.43	End Shut-In(1)
48	292.08	125.38	Open To Flow (2)
60	381.48	127.65	Shut-In(2)
94	487.97	128.81	End Shut-In(2)
96	1877.38	126.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	ocmw 5%o 90%w 5%m	2.61
310.00	gocmw 10%g 10%o 75%w 5%m	4.35
279.00	ocmw 10%o 60%w 30%m	3.91

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas

30-15-28 Gove Ks

211 Highland Cross
Houston, Tx 77073

CathrineCoberly30-14

Job Ticket: 56477

DST#: 4

ATTN: Pat Deenihan

Test Start: 2014.05.05 @ 00:11:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.20 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

42000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	ocmw 5%o 90%w 5%m	2.609
310.00	gocmw 10%g 10%o 75%w 5%m	4.348
279.00	ocmw 10%o 60%w 30%m	3.914

Total Length: 775.00 ft Total Volume: 10.871 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .24@52=42000

Serial #: 8373

Inside

K3 Oil & Gas

CathrineCoberly30-14

DST Test Number: 4

Pressure vs. Time

