



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gulf Exploration
 9701 N. Broadw ay Extension
 Oklahoma City, OK 73114
 ATTN: Mike Madcharo

3/7S/36W
Goetsch #1-3
 Job Ticket: 62583 **DST#: 6**
 Test Start: 2015.06.04 @ 12:19:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:11:50
 Time Test Ended: 19:17:50

Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 78

Interval: 4662.00 ft (KB) To 4682.00 ft (KB) (TVD)
 Total Depth: 4682.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3324.00 ft (KB)
 3313.00 ft (CF)
 KB to GR/CF: 11.00 ft

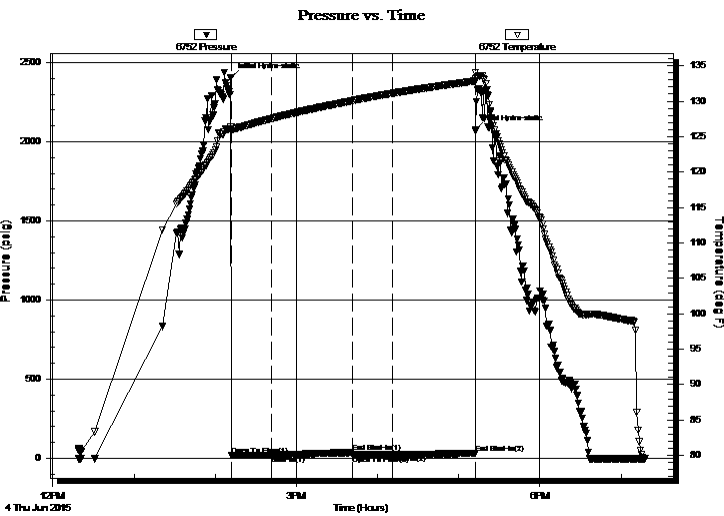
Serial #: 6752

Inside

Press @ Run Depth: 23.02 psig @ 4663.00 ft (KB)
 Start Date: 2015.06.04 End Date: 2015.06.04
 Start Time: 12:19:01 End Time: 19:17:50

Capacity: 8000.00 psig
 Last Calib.: 2015.06.04
 Time On Btm: 2015.06.04 @ 14:11:40
 Time Off Btm: 2015.06.04 @ 17:12:39

TEST COMMENT: 30 IF - Surface blow died @ 21 mins
 60 ISI - No return
 30 FF - No blow
 60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2404.03	126.40	Initial Hydro-static
1	18.91	125.84	Open To Flow (1)
30	21.30	127.54	Shut-In(1)
90	37.01	130.04	End Shut-In(1)
90	21.91	130.05	Open To Flow (2)
120	23.02	131.11	Shut-In(2)
181	31.37	132.86	End Shut-In(2)
181	2073.50	133.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w / oil spots 100%M	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Oklahoma City, OK 73114

Goetsch #1-3

Job Ticket: 62583

DST#: 6

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Test Start: 2015.06.04 @ 12:19:00

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud w / oil spots 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sample Chamber = 2500 Mud w / oil spots ML - 2500 ML total
80 PSI

