



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

New Gulf Operating LLC

Horton#1

6310 E.102nd St.
Tulsa Ok.74137

32-24s-9w Reno Ks.

Job Ticket: 042506

DST#: 1

ATTN: Joe Baker/Sean Deenihsa Ok.74137

Test Start: 2011.06.22 @ 01:38:12

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:52:27

Time Test Ended: 11:26:42

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3853.00 ft (KB) To 3882.00 ft (KB) (TVD)

Reference Elevations: 1721.00 ft (KB)

Total Depth: 3882.00 ft (KB) (TVD)

1711.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press @ Run Depth: 159.92 psig @ 3854.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.22 End Date: 2011.06.22

Last Calib.: 2011.06.22

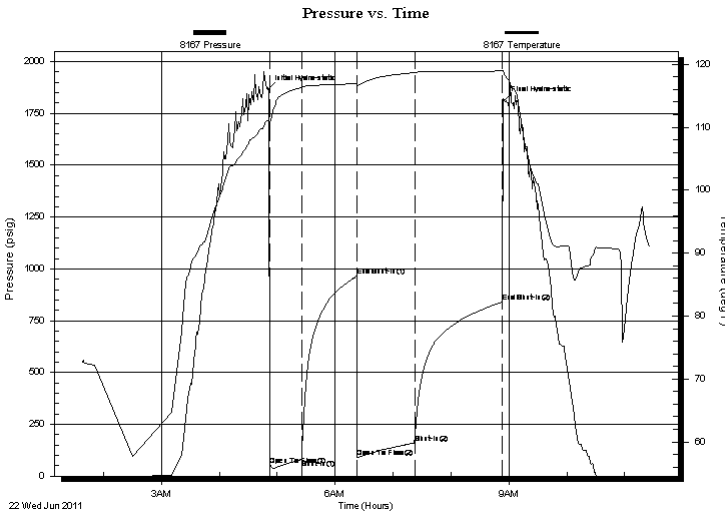
Start Time: 01:38:17 End Time: 11:26:42

Time On Btm: 2011.06.22 @ 04:50:12

Time Off Btm: 2011.06.22 @ 08:55:12

TEST COMMENT: IF: Strong blow . B.O.B. in 3 1/2 mins.
IS: Weak blow . 1/2 - 23".
FF: Strong blow . B.O.B. in 8 mins.
FS: Weak to fair blow . 1 - 6".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1865.32	111.05	Initial Hydro-static
3	51.31	110.78	Open To Flow (1)
35	79.76	116.32	Shut-In(1)
93	966.16	116.95	End Shut-In(1)
93	89.85	116.70	Open To Flow (2)
153	159.92	118.71	Shut-In(2)
243	840.28	118.95	End Shut-In(2)
245	1812.63	118.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SW /o specs/Rw .07ohms @83deg	1.68
125.00	GOCMW 4%g 9%o 20%m 65%w	1.75
65.00	GOCWM 5%g 13%o 40%w 42%m	0.91
0.00	930 ft.of GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2011.06.22 @ 01:38:12

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:

97000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 13.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	SW /o specs/Rw .07ohms @83deg	1.683
125.00	GOCMW 4%g 9%o 20%m 65%w	1.753
65.00	GOCWM 5%g 13%o 40%w 42%m	0.912
0.00	930 ft.of GIP	0.000

Total Length: 310.00 ft

Total Volume: 4.348 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

