



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

NEW GULF OPERATING LLC

Z-MAN #1

6310 E 102 ND ST
TULSA OK 74137

18-23S-8W RENO KS

ATTN: JOE BAKER

Job Ticket: 42530

DST#: 1

Test Start: 2011.07.12 @ 10:06:47

GENERAL INFORMATION:

Formation: **GONGLOMERATE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:48:32

Time Test Ended: 16:07:17

Test Type: Conventional Bottom Hole

Tester: RANDY WILLIAMS

Unit No: 34

Interval: 3680.00 ft (KB) To 3725.00 ft (KB) (TVD)

Reference Elevations: 1691.00 ft (KB)

Total Depth: 372.00 ft (KB) (TVD)

1681.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6773

Inside

Press @ RunDepth: 52.70 psig @ 3681.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.12

End Date:

2011.07.12

Last Calib.:

2011.07.13

Start Time: 10:06:52

End Time:

16:07:16

Time On Btm:

2011.07.12 @ 11:48:17

Time Off Btm:

2011.07.12 @ 14:03:02

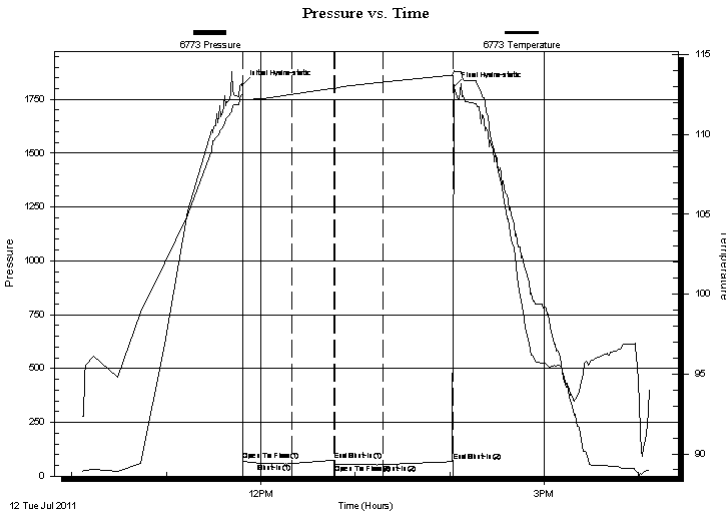
TEST COMMENT: IF-WBB, BUILT TO 2 INCH'S IN 30 MIN'S

ISI-NBB

FF-WEAK SURFACE BLOW

FSI-NBB

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1817.24	112.50	Initial Hydro-static
1	71.58	112.10	Open To Flow (1)
32	58.68	112.52	Shut-In(1)
59	73.72	112.90	End Shut-In(1)
59	53.56	112.91	Open To Flow (2)
90	52.70	113.28	Shut-In(2)
134	67.66	113.72	End Shut-In(2)
135	1811.01	113.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD	0.07

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2011.07.12 @ 10:06:47

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:

5500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

