



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: 42531

DST#: 2

Test Start: 2011.07.12 @ 23:54:25

GENERAL INFORMATION:

Formation: **MISSISSIPPI**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:21:55

Time Test Ended: 06:55:10

Test Type: Conventional Bottom Hole

Tester: RANDY WILLIAMS

Unit No: 34

Interval: 3682.00 ft (KB) To 3760.00 ft (KB) (TVD)

Reference Elevations: 1691.00 ft (KB)

Total Depth: 3760.00 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 @ Run Depth: 75.04 psig @ 3683.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.12

End Date:

2011.07.13

Last Calib.:

2011.07.13

Start Time: 23:54:30

End Time:

06:55:09

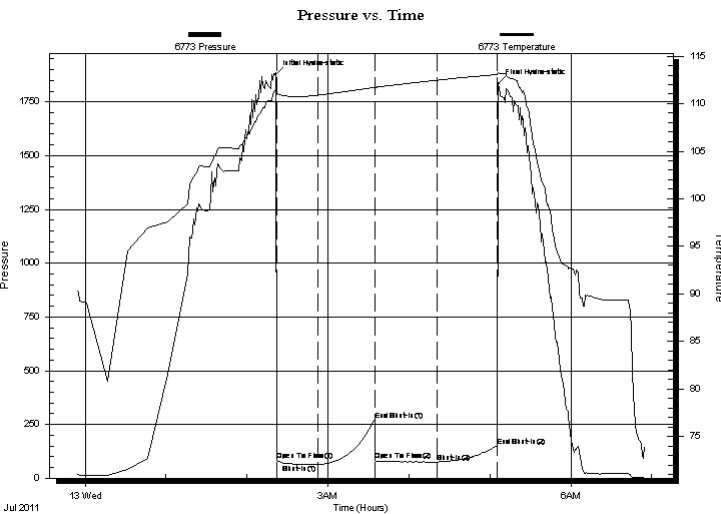
Time On Btm:

2011.07.13 @ 02:21:25

Time Off Btm:

2011.07.13 @ 05:06:25

TEST COMMENT: IF-WBB, BUILT 2 INCH'S IN 30 MIN'S
ISI-NBB
FF-WBB, BUILT TO 1 INCH IN 45 MIN'S
FSI-NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.00	111.44	Initial Hydro-static
1	84.69	111.10	Open To Flow (1)
31	63.61	110.89	Shut-In(1)
74	270.42	111.71	End Shut-In(1)
74	83.89	111.66	Open To Flow (2)
120	75.04	112.46	Shut-In(2)
164	149.01	113.06	End Shut-In(2)
165	1834.86	113.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	MUD WITH TRACE OF OIL	0.35

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 @ 23:54:25

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: 7.60 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
25.00	MUD WITH TRACE OF OIL	0.351

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

