



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

New Gulf Operating LLC

17-12-32

6310 E 102nd ST
Tulsa OK, 74137

Zerr 1

Job Ticket: 042144

DST#: 4

ATTN: Curtis Covey

Test Start: 2011.09.27 @ 11:50:00

GENERAL INFORMATION:

Formation: **Kansas City "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:42:00

Time Test Ended: 18:31:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 28

Interval: 4180.00 ft (KB) To 4230.00 ft (KB) (TVD)

Total Depth: 4230.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 3004.00 ft (KB)

2994.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 47.26 psig @ 4182.00 ft (KB)

Start Date: 2011.09.27

End Date:

2011.09.27

Start Time: 11:50:01

End Time:

18:31:15

Capacity: 8000.00 psig

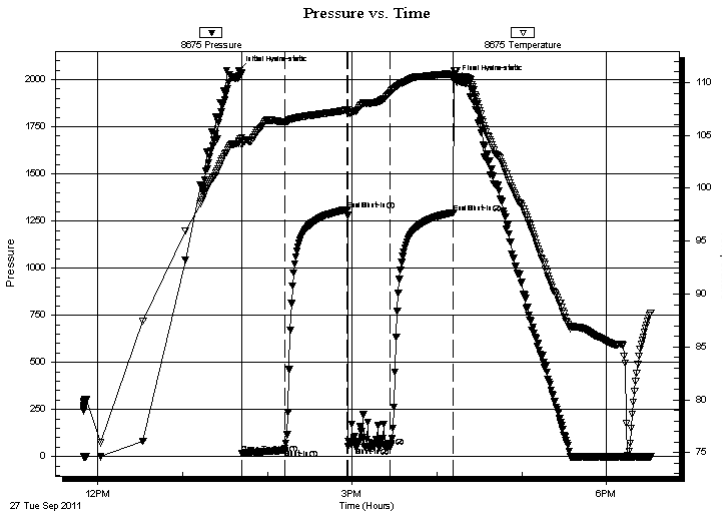
Last Calib.: 2011.09.27

Time On Btm: 2011.09.27 @ 13:40:00

Time Off Btm: 2011.09.27 @ 16:12:45

TEST COMMENT: Built to 2 1/2" blow
No return blow
Built to 1" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.65	104.35	Initial Hydro-static
2	18.51	104.07	Open To Flow (1)
32	36.59	106.27	Shut-In(1)
77	1310.60	107.40	End Shut-In(1)
78	56.08	107.03	Open To Flow (2)
107	47.26	109.05	Shut-In(2)
152	1295.03	110.73	End Shut-In(2)
153	1999.50	111.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	100% Mud with oil spots	0.77

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
55.00	100% Mud with oil spots	0.772

Total Length: 55.00 ft Total Volume: 0.772 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

