



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

New Gulf Operating, LLC
 6100 S. Yale STE 2010
 Tulsa Ok 74136
 ATTN: Bob Stolzle

Sowers #1
5/15s/34w
 Job Ticket: 39505 **DST#: 2**
 Test Start: 2010.10.21 @ 17:42:30

GENERAL INFORMATION:

Formation: **LKC "L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:31:30
 Time Test Ended: 01:29:00
 Interval: **4139.00 ft (KB) To 4180.00 ft (KB) (TVD)**
 Total Depth: 4180.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Brad Walter
 Unit No: 28
 Reference Elevations: 2966.00 ft (KB)
 2958.00 ft (CF)
 KB to GR/CF: 8.00 ft

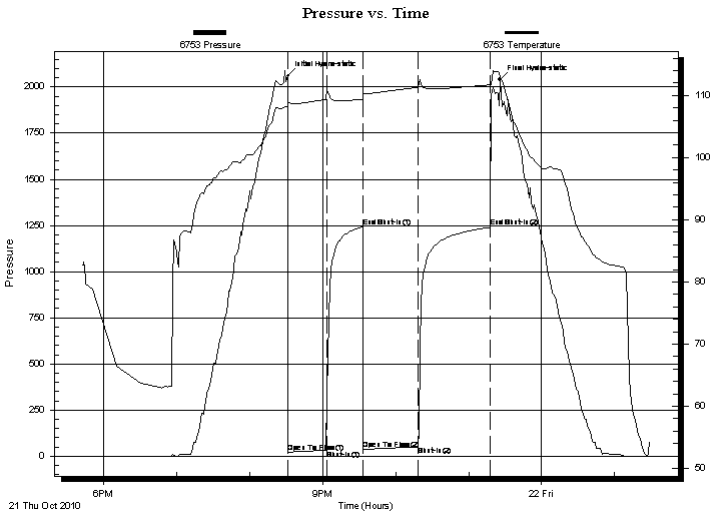
Serial #: 6753

Inside

Press @ Run Depth: 51.16 psig @ 4145.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.21 End Date: 2010.10.22 Last Calib.: 2010.10.22
 Start Time: 17:42:35 End Time: 01:28:59 Time On Btm: 2010.10.21 @ 20:31:15
 Time Off Btm: 2010.10.21 @ 23:25:45

TEST COMMENT: IF: Built to 2 1/4 inch blow.
 IS: No return.
 FF: Blow started @ 18 minutes, built to 1 inch.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.77	108.32	Initial Hydro-static
1	21.16	108.74	Open To Flow (1)
32	34.02	109.38	Shut-In(1)
62	1242.80	109.40	End Shut-In(1)
62	36.72	110.23	Open To Flow (2)
107	51.16	111.31	Shut-In(2)
167	1239.85	111.69	End Shut-In(2)
175	2040.24	112.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	wcm 30%w 70%m (small show of oil)	\$p1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating, LLC

Sowers #1

6100 S. Yale STE 2010
Tulsa Ok 74136

5/15s/34w

Job Ticket: 39505

DST#: 2

ATTN: Bob Stolzle

Test Start: 2010.10.21 @ 17:42:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	w cm 30%w 70%m (small show of oil spots)	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

