



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

Dale #1
33-17-34 Scott, KS
Job Ticket: 042690 **DST#: 1**
Test Start: 2011.06.21 @ 18:45:36

GENERAL INFORMATION:

Formation: **KC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:37:16
 Time Test Ended: 03:50:31
 Interval: **4250.00 ft (KB) To 4275.00 ft (KB) (TVD)**
 Total Depth: 4275.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3145.00 ft (KB)
 3135.00 ft (CF)
 KB to GR/CF: 10.00 ft

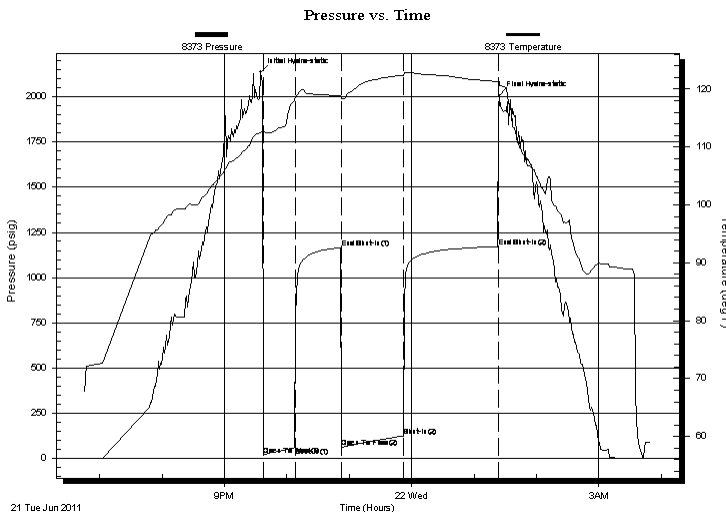
Serial #: 8373

Inside

Press @ Run Depth: 123.75 psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.21 End Date: 2011.06.22 Last Calib.: 2011.06.22
 Start Time: 18:45:36 End Time: 03:50:31 Time On Btm: 2011.06.21 @ 21:35:01
 Time Off Btm: 2011.06.22 @ 01:24:15

TEST COMMENT: IF: Surface blow built to 7 in 30 min.
 IS: No return.
 FF: Surface blow built to 10 in 60 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.29	112.46	Initial Hydro-static
3	18.90	111.91	Open To Flow (1)
33	58.20	118.07	Shut-In(1)
77	1165.60	118.86	End Shut-In(1)
78	60.01	118.36	Open To Flow (2)
137	123.75	122.43	Shut-In(2)
228	1170.81	121.31	End Shut-In(2)
230	2009.20	121.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw trace of oil 85%w 15%m	1.74
62.00	mcw trace of oil 60%w 40%m	0.87
30.00	w cm oil spots 20%w 80%m	0.42
1.00	free oil 100%o	0.01

Gas Rates

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



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FLUID SUMMARY

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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: 34000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.40 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw trace of oil 85%w 15%m	1.739
62.00	mcw trace of oil 60%w 40%m	0.870
30.00	w cm oil spots 20%w 80%m	0.421
1.00	free oil 100%o	0.014

Total Length: 217.00 ft Total Volume: 3.044 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .25@56=34000

