



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

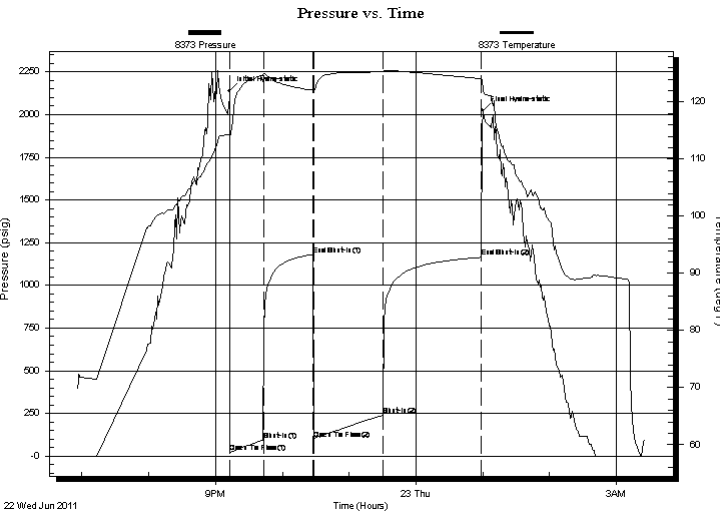
Dale #1
33-17-34 Scott, KS
Job Ticket: 042691 **DST#: 2**
Test Start: 2011.06.22 @ 18:56:04

GENERAL INFORMATION:

Formation: **Lansing K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:12:44
 Time Test Ended: 03:25:43
 Interval: **4352.00 ft (KB) To 4367.00 ft (KB) (TVD)**
 Total Depth: 4367.00 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: 239.47 psig @ 4353.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.22 End Date: 2011.06.23 Last Calib.: 2011.06.23
 Start Time: 18:56:04 End Time: 03:25:43 Time On Btm: 2011.06.22 @ 21:12:29
 Time Off Btm: 2011.06.23 @ 01:00:13

TEST COMMENT: IF: 1/4 blow BOB in 20 min.
 IS: No return.
 FF: Surface blow BOB in 25 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.32	114.24	Initial Hydro-static
1	23.14	113.55	Open To Flow (1)
31	94.66	124.70	Shut-In(1)
75	1181.22	122.06	End Shut-In(1)
76	101.09	121.66	Open To Flow (2)
138	239.47	125.25	Shut-In(2)
227	1164.25	124.08	End Shut-In(2)
228	2023.79	121.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 95%w 5%m	1.74
186.00	mcw 80%w 20%m	2.61
186.00	mcw trace of oil 50%w 50%m	2.61

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 042691

DST#: 2

ATTN: Curtis Covey

Test Start: 2011.06.22 @ 18:56:04

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:

30000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 95%w 5%m	1.739
186.00	mcw 80%w 20%m	2.609
186.00	mcw trace of oil 50%w 50%m	2.609

Total Length: 496.00 ft Total Volume: 6.957 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .27@60=30000

