



**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: 042694      **DST#: 5**  
Test Start: 2011.06.26 @ 13:25:50

## GENERAL INFORMATION:

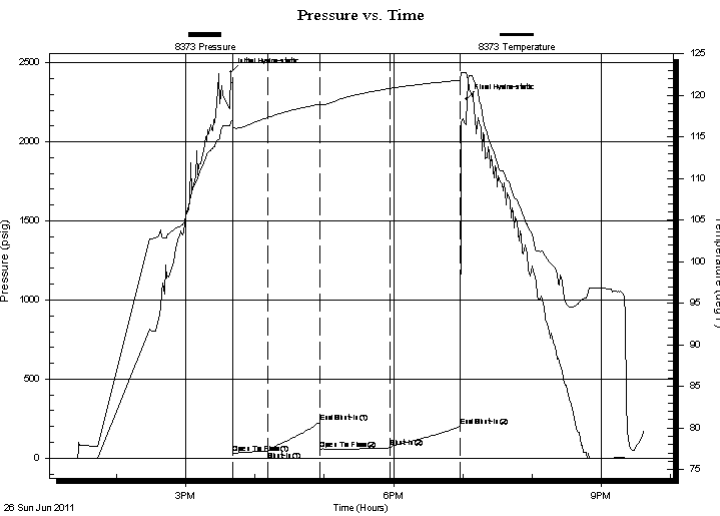
Formation: **Johnson**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 15:40:30  
Time Test Ended: 21:38:44  
Interval: **4717.00 ft (KB) To 4793.00 ft (KB) (TVD)**  
Total Depth: 4793.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom 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: 66.62 psig @ 4718.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.06.26      End Date: 2011.06.26      Last Calib.: 2011.06.26  
Start Time: 13:25:50      End Time: 21:38:44      Time On Btm: 2011.06.26 @ 15:38:45  
Time Off Btm: 2011.06.26 @ 19:03:44

**TEST COMMENT:** IF: 1/4 blow built to 6 in 30 min.  
IS: No return.  
FF: Surface blow built to 5 in 60 min.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2438.75	116.61	Initial Hydro-static
2	29.73	116.24	Open To Flow (1)
32	44.65	117.34	Shut-In(1)
77	225.52	118.96	End Shut-In(1)
78	53.86	118.86	Open To Flow (2)
138	66.62	120.84	Shut-In(2)
200	202.42	121.86	End Shut-In(2)
205	2272.12	122.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95%m	0.87
36.00	ocm 20%o 80%m	0.50

## Gas Rates

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



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**FLUID SUMMARY**

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**DST#: 5**

ATTN: Curtis Covey

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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:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	ocm 5%o 95%m	0.870
36.00	ocm 20%o 80%m	0.505

Total Length: 98.00 ft      Total Volume: 1.375 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

