



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

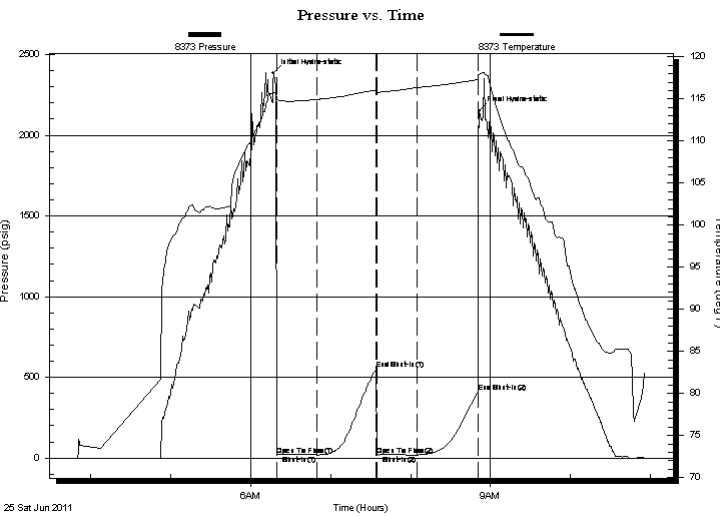
Dale #1
33-17-34 Scott, KS
Job Ticket: 042693 **DST#: 4**
Test Start: 2011.06.25 @ 03:50:30

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:19:25
Time Test Ended: 10:55:24
Interval: **4568.00 ft (KB) To 4599.00 ft (KB) (TVD)**
Total Depth: 4599.00 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: 19.98 psig @ 4569.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.25 End Date: 2011.06.25 Last Calib.: 2011.06.25
Start Time: 03:50:30 End Time: 10:55:24 Time On Btm: 2011.06.25 @ 06:17:25
Time Off Btm: 2011.06.25 @ 08:51:39

TEST COMMENT: IF: Surface blow died in 5 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2384.82	115.66	Initial Hydro-static
2	20.79	114.87	Open To Flow (1)
33	20.10	114.94	Shut-In(1)
77	554.20	116.07	End Shut-In(1)
78	19.72	115.73	Open To Flow (2)
108	19.98	116.34	Shut-In(2)
154	408.96	117.29	End Shut-In(2)
155	2150.29	117.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud oil spots 100%m	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042693

DST#: 4

ATTN: Curtis Covey

Test Start: 2011.06.25 @ 03:50:30

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud oil spots 100%m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

