



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Vecta Oil & Gas

5920 Cedar Springs Rd  
Ste 200  
Dallas, Tx 75235  
ATTN: Matt Goolsby

**Torreys #44-33**

**33-13-47 Cheyenne Co**

Job Ticket: 041132

**DST#: 2**

Test Start: 2011.01.05 @ 13:30:00

### GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:24:15

Time Test Ended: 00:10:45

Test Type: Conventional

Tester: Kevin Mack

Unit No: 40

**Interval: 5236.00 ft (KB) To 5276.00 ft (KB) (TVD)**

Reference Elevations: 4316.00 ft (KB)

Total Depth: 5276.00 ft (KB) (TVD)

4305.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 6771 Outside**

Press @ Run Depth: 1084.49 psig @ 5237.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.05

End Date:

2011.01.06

Last Calib.: 2011.01.06

Start Time: 13:30:15

End Time:

00:10:45

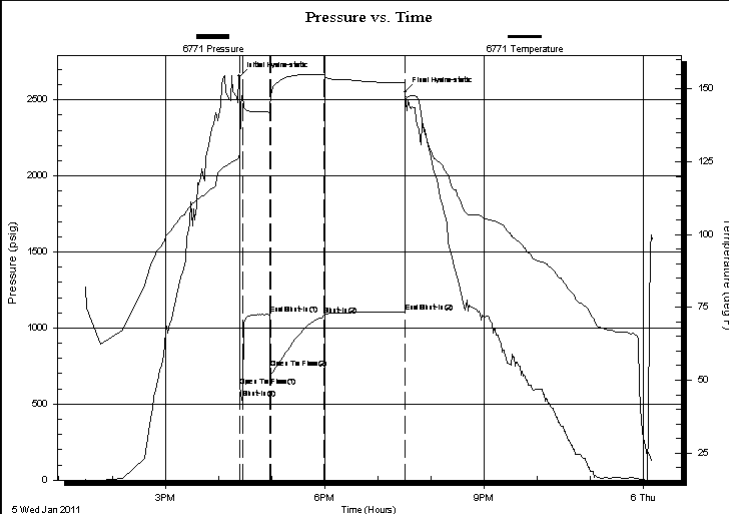
Time On Btm: 2011.01.05 @ 16:24:00

Time Off Btm: 2011.01.05 @ 19:31:15

TEST COMMENT: IF: BOB in 2 min.  
IS: Return started at 5 min build to 1/2"  
FF: BOB in 1 min  
FS: Return started at 1 min build to 2 1/4"

### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2653.13	128.04	Initial Hydro-static
1	619.77	127.79	Open To Flow (1)
4	541.13	148.48	Shut-In(1)
35	1089.25	142.13	End Shut-In(1)
35	734.11	143.71	Open To Flow (2)
96	1084.49	154.94	Shut-In(2)
187	1105.62	152.26	End Shut-In(2)
188	2551.12	147.54	Final Hydro-static



### Recovery

Length (ft)	Description	Volume (bbl)
0.00	434' GIP	0.00
330.00	water 5 M 95 W	1.62
682.00	water 5 M 95 W	9.57
496.00	MCW 10 M 90 W	6.96
558.00	WCM 40 M 60 W	7.83
248.00	WOCM 68 M 40 W 2o	3.48

### Gas Rates

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



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Vecta Oil & Gas

**Torreys #44-33**

5920 Cedar Springs Rd  
Ste 200  
Dallas , Tx 75235  
ATTN: Matt Goolsby

**33-13-47 Cheyenne Co**

Job Ticket: 041132

**DST#: 2**

Test Start: 2011.01.05 @ 13:30:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 5.60 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 30000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	434' GIP	0.000
330.00	water 5 M 95 W	1.623
682.00	water 5 M 95 W	9.567
496.00	MCW 10 M 90 W	6.958
558.00	WCM 40 M 60 W	7.827
248.00	WOCM 68 M 40 W 2o	3.479
5.00	WCM 60 M 40 W	0.070

Total Length: 2319.00 ft      Total Volume: 29.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .16 @ 50 = 30000

