



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vecta Oil & Gas LTD

575 Union BLVD #208
Lakewood Co
80228
ATTN: Gary Douk

16-t14s-r47w Co

Huron State #21-16

Job Ticket: 46554

DST#: 1

Test Start: 2012.04.29 @ 19:20:05

GENERAL INFORMATION:

Formation: **Upper St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:20:00

Time Test Ended: 06:11:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

Interval: 5290.00 ft (KB) To 5306.00 ft (KB) (TVD)

Reference Elevations: 4272.00 ft (KB)

Total Depth: 5306.00 ft (KB) (TVD)

4261.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8736 Inside

Press @ Run Depth: 179.32 psig @ 5291.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.29

End Date:

2012.04.30

Last Calib.: 2012.04.30

Start Time: 19:20:05

End Time:

06:11:00

Time On Btm: 2012.04.29 @ 23:18:00

Time Off Btm: 2012.04.30 @ 02:27:44

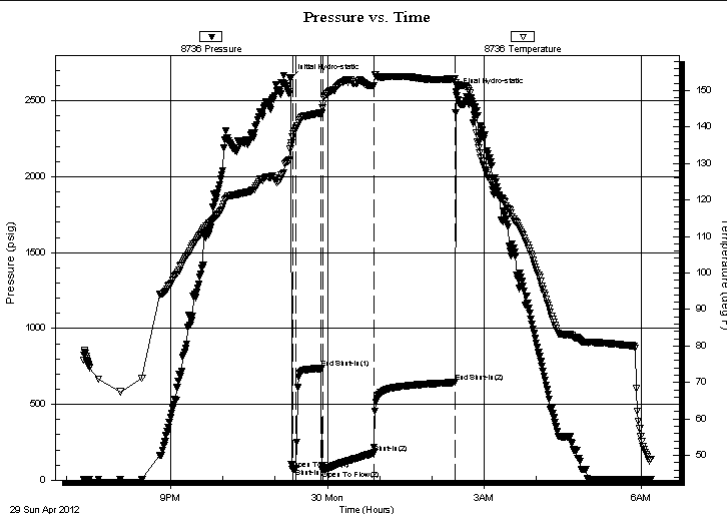
TEST COMMENT: IF:BOB in 30 seconds

IS:Bled off for 5 min, Return blow built to 3"

FF:BOB in 30 seconds

FS:Bled off for 10 min, Return blow built to BOB in 25 min GTS in 40 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2649.82	134.86	Initial Hydro-static
2	69.68	137.30	Open To Flow (1)
6	78.35	139.80	Shut-In (1)
35	736.04	143.91	End Shut-In (1)
37	66.16	145.29	Open To Flow (2)
96	179.32	151.25	Shut-In (2)
188	643.78	153.17	End Shut-In (2)
190	2557.76	151.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	mud 100%m	0.60
185.00	mcog 5%m 45%o 50%g	0.91
186.00	ocg 40%o 60%g	2.61
124.00	free oil	1.74
0.00	GIP= 4650	0.00

Gas Rates

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

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16-t14s-r47w Co

575 Union BLVD #208

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Lakewood Co

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80228

Test Start: 2012.04.29 @ 19:20:05

ATTN: Gary Douk

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 650.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	mud 100%m	0.600
185.00	mcog 5%m 45%o 50%g	0.910
186.00	ocg 40%o 60%g	2.609
124.00	free oil	1.739
0.00	GIP= 4650	0.000

Total Length: 617.00 ft

Total Volume: 5.858 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 37 @ 50 corrected to 36 @ 60*

Serial #: 8736

Inside

Vecta Oil & Gas LTD

Huron State #21-16

DST Test Number: 1

Pressure vs. Time

