

16-30-32W

Mike Dodge- Consulting Geologist  
E Hall #6-P16-30-32

ATTN: Michael Dolan

15-081-21652  
16-30-32W

**DST #1**

**Formation:** Kansas City 'B'

**Interval:** 4712-4755'

**Testing Company:** Trilobite Testing L.L.C.

**Tester:** Chris Hagman

**Type Test:** Conventional Bottom Hole Dual Packer Test.

**IF-** 15 min.- Open w/ Strong Building Blow, Bottom of Bucket in 15 minutes.

**ISI-** 60 min.- Shut in Tool, No Blow Back.

**FF-** 60 min.- Open w/ Strong Building Blow, Bottom of Bucket in 20 minutes.

**FSI-** 120 min.- Shut in Tool, No Blow Back.

**Pipe Recovery:** 682' Fluid - 248' Muddy Water (40% Water, 60% Mud), 434' Salt Water (95% Water, 5% Mud).

**Bottom Hole Sampler:** 4000 mL Water @ 160 PSI.

**Resistivity Data:** Pipe Recovery- Rw .064 @ 60° F, 150,000 ppm Cl.  
Sampler- Rw .068 @ 60° F, 150,000 ppm Cl.  
Drilling Mud- 2000 ppm Cl.

**Pressures:**

IH	2469
IF	45-168
ISI	1378
FF	173-344
FSI	1368
FH	2194

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**Bottom Hole Temperature:** 129° F

**Comments:**

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Company: Ellora Energy Inc.

Well Name: E Hall #6-P16-30-32 G. L. : 2877' KB: 2888'

7:00am Depth: 4755' Operation: Running DST#1.

Average Drill Rate: 24'/Hr. 24 Hr. Ftg.: 230'

WOB: 38/40 RPM: 80/75 PP: 1100/1200 SPM: 62/60

Bit: #2 7 7/8" HTC GX22S in @ 1730'. Hrs. On Bit: 96 1/4

MUD @ 4531' WT- 9.2 FV- 43 WL- 8.8 pH- 9.0 Cl- 2000 Cake- 1/32 LCM: 4#

Last Sample: 4755' SH (10%), LS (90%) vf xln, fool/oomold, Cht & Calc fld ip.

Sample Quality: Fair to Good.

Average Background Gas: 6 units. C1: Tr C2: \_\_ C3: \_\_ C4: \_\_

High Gas: 70u at 4707' (Carb SH above Kansas City 'B').

Shows: 4715-44' Kansas City 'B' Total Gas incr from 12 to 26u in LS: fine oolitic/oomoldic (predominately Chert & Calcite filled), no Show. Run DST#1 (See Comments).

Formation Tops: +/- to Hall #5-N16

Start Logging at 4000'.

<u>Heebner 4140 (-1252)</u>	<u>-5</u>
<u>Base of Heebner 4148 (-1260)</u>	<u>-3</u>
<u>Lansing 4236 (-1348)</u>	<u>-5</u>
<u>'B' 4295 (-1407)</u>	<u>-6</u>
<u>'F' 4399 (-1511)</u>	<u>-4</u>
<u>Kansas City 4680 (-1792)</u>	<u>+1</u>
<u>'B' 4713 (-1825)</u>	<u>+28</u>

Surveys: 1° at 1730' LAG: 29 Min. at 4700' (62 SPM)  
Miss Run @ 4755'

Comments: DST#1: 4712-4755' (Kansas City 'B') IF: 15 min Open w/ Fair Blow, BOB in 15 min., ISI- 60 min., FF: 60 min., Open w/ Fair Blow, BOB in 20 min., FSI: 120 min. Should be out of hole with test results by 10am (MDT), and will call then.

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JUL 17 2006  
**CONFIDENTIAL**

Mike Dodge- Consulting Geologist  
E Hall #6-P16-30-32

ATTN: Michael Dolan

**DST #2**

**Formation:** Basal Atoka/Morrow      **Interval:** 5262-5380'

**Testing Company:** Trilobite Testing L.L.C.      **Tester:** Chris Hagmar

**Type Test:** Conventional Bottom Hole Dual Packer Test.

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**IF-** 15 min.- Open w/ Strong Building Blow, Bottom of Bucket in 15 minutes.

**ISI-** 60 min.- Shut in Tool, No Blow Back.

**FF-** 60 min.- Open w/ Bottom of Bucket, Strong Blow continued through open.

**FSI-** 120 min.- Shut in Tool, No Blow Back.

**Pipe Recovery:** 216' Total Fluid- 17% Gas, 1% Oil, 80% Mud.

**Bottom Hole Sampler:** 3.7 cu. ft. Gas, 2000 mL (40% Gas, 3% Oil, 50% Mud)

**Resistivity Data:** Pipe Recovery- Rw: .756 @ 65° F, 8750 ppm Cl.  
Bottom Hole Sampler- Rw: .756 @ 65° F, 8750 ppm Cl.  
Drilling Mud- 3100 ppm Cl

**Pressures:**

<b>IH</b>	2651
<b>IF</b>	47-66
<b>ISI</b>	915
<b>FF</b>	83-81
<b>FSI</b>	847
<b>FH</b>	2427

**Bottom Hole Temperature:** 133° F

**Comments:** Good Mechanical Test. Some Plugging on Final Flow, Tight.

Company: Ellora Energy Inc.

Well Name: E Hall #6-P16-30-32 G. L. : 2877' KB: 2888'

7:00am Depth: 5380' Operation: TOH for DST #2.

Average Drill Rate: 17.2'/Hr. 24 Hr. Ftg.: 340'

WOB: 42/38 RPM: 80/75 PP: 1200/900 SPM: 62/51

Bit: #2 7 7/8" HTC GX22S in @ 1730'. Hrs. On Bit: 131 1/2

MUD @ 5069' WT- 9.1 FV- 49 WL- 8.8 pH- 9.0 CI- 4000 Cake- 1/32 LCM: 3#

Last Sample: 5380' SH (40%), LS (60%) mic-vf xln, chky, slty, sl foss.

Sample Quality: Fair to Good.

Average Background Gas: 12 units. C1: 2u C2: 1u C3: \_\_ C4: \_\_

High Gas: 92u at 5361'.

Shows: 5281-5312' Basal Atoka LS: foss, slty-sdy, arg ip, occ Cht, tr xln Calc, faint to good petroleum odor, occ brn stn, mod-brt yel flor, slow strmg-cldy cut.

5296-5301 TG incr from 15 to 74 units.

5355-5370' Morrow TG incr from 8 to 92u in tt vf gr SS, glau ip, lmy ip, blk brn stn, n vis-dull yel flor, imed strmg yel wh cut.

Run DST #2 Across Both Basal Atoka & Morrow: 5262-5380'.

Formation Tops: +/- to Hall #5-N16

Start Logging at 4000'.

Heebner 4140 (-1252)	-5
Base of Heebner 4148 (-1260)	-3
Lansing 4236 (-1348)	-5
'B' 4295 (-1407)	-6
'F' 4399 (-1511)	-4
Kansas City 4680 (-1792)	+1
'B' 4713 (-1825)	+28
Marmaton 4841 (-1953)	+10
'B' 4866 (-1978)	+10
Pawnee 4949 (-2061)	+38
Ft. Scott 4995 (-2107)	+34
Cherokee 5019 (-2131)	+30
Atoka 5165 (-2277)	+30
Basal Atoka 5281 (-2393)	+23
Morrow 5315 (-2428)	+17

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Surveys: 1° at 1730' LAG: 44 Min. at 5350' (51 SPM)  
Miss Run @ 4755'

Comments: