

WELL FILE

**BEREXCO, INC.
HOFFMAN # 5
100'S OF S2NESW SECTION 32 T13S-R17W
ELLIS COUNTY, KANSAS**

**KCC
AUG 14 2007
CONFIDENTIAL**

**GEOLOGIST
WILLIAM B. BYNOG**

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**CONSERVATION DIVISION
WICHITA, KS**

FORMATION TOPS

FORMATION	DEPTH (LOGS)
STONE CORRAL	1248(+793)
TOPEKA	3008(-967)
PLATTSMOUTH	3230(-1189)
HEEBNER	3272(-1231)
LANSING A	3318(-1277)
B ZONE	3340(-1299)
C ZONE	3350(-1309)
E ZONE	3388(-1347)
G ZONE	3408(-1367)
H ZONE	3452(-1411)
I ZONE	3475(-1434)
J ZONE	3490(-1449)
K ZONE	3514(-1473)
L ZONE	3538(-1497)
ARBUCKLE	3558(-1517)
TOTAL DEPTH	3570(-1529)

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LITHOLOGY

3000-40 Limestone buff, hard, chalky, fossiliferous, poor porosity, no show

TOPEKA

3040-60 Limestone cream, firm, microcrystalline, chalky, poor porosity

3060-80 Shale gray, firm, argillaceous

3080-90 Limestone cream, firm, chalky, fossiliferous, poor porosity

3090-3120 Limestone buff, hard, dense

3120-40 Shale red, gray, firm

3140-80 Limestone buff, hard, very chalky, fossiliferous, tight, some Chert white

3180-3200 Shale black, firm, carbonaceous

3200-10 Limestone buff, hard, chalky, microcrystalline, poor porosity

3210-30 Shale gray, soft, abundant Pyrite

PLATTSMOUTH

3230-40 Limestone white, firm, chalky, fossiliferous, poor-fair porosity, spotty brown stain, good cut, show free oil

3240-65 Limestone white, hard, chalky, poor porosity, abundant Chert white

3265-70 Limestone white, very hard, dense, poor porosity, very spotty brown stain, poor cut

HEEBNER

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3270-75 Shale black, firm, carbonaceous

3275-90 Shale red, green, firm, waxy

TORONTO

3290-3300 Limestone white, tan, hard, chalky, poor porosity, rare dead black stain, weak cut

3300-18 Shale as above

LANSING A ZONE

3318-30 Limestone white, hard, chalky, poor porosity, some poor vuggy porosity, spotty brown stain, fair cut

3330-40 Shale pale green, red, waxy

B ZONE

3340-50 Limestone light gray, cream, firm, chalky, oolitic, good moldic porosity, even to spotty brown stain, good cut, show free oil

3350-60 Limestone white, hard, dense, poor porosity, very spotty brown stain, fair cut

C ZONE

3360-70 Limestone tan, hard, microcrystalline, poor porosity, spotty brown stain, fair cut

3370-85 Limestone cream, very hard, dense

E ZONE

3385-3404 Limestone/ grainstone white, firm, chalky, fossiliferous, poor to fair intercrystalline porosity, some fair vuggy porosity, spotty brown stain, fair cut, show free oil

3404-08 Limestone white, hard, chalky, poor vuggy porosity, some Chert, white

G ZONE

3408-12 Limestone cream, firm, very oolitic, good moldic porosity, spotty to even brown stain, very good cut & odor, good show free oil

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- 3412-30 Limestone white, cream, hard, chalky, dense, poor porosity
- 3430-34 Limestone gray, hard, microcrystalline, oolitic, poor moldic porosity, spotty to even brown stain, good cut & odor, show free oil
- 3334-50 Shale gray, green, as above

H ZONE

- 3350-60 Limestone cream, hard, cryptocrystalline, poor porosity, rare spotty brown stain, weak cut
- 3360-70 Limestone white, very hard, dense, as above abundant Chert white
- 3370-78 Shale as above

I ZONE

- 3378-86 Limestone white, hard, dense, microcrystalline, poor porosity, spotty brown stain, good cut, trace free oil
- 3386-90 Shale red, green, firm, abundant pyrite

J ZONE

- 3390-3500 Limestone white, firm, oolitic, fair moldic porosity, spotty brown stain, fair cut
- 3500-10 Limestone white, very hard, dense, abundant Chert white
- 3510-20 Shale as above

K ZONE

- 3520-35 Limestone white-cream, very hard, dense, abundant Chert white
- 3535-40 Shale red, green, firm, fissile

L ZONE

- 3540-50 Grainstone white, firm, oolitic, poor porosity, spotty brown stain, good cut
- 3550-60 Shale red, very soft

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ARBUCKLE

3560-70 Dolomite buff, firm, microsugrosic-coarse crystalline, good
intercrystalline porosity, good vuggy porosity, even brown stain, very
good cut & odor, abundant free oil

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