

**BEREXCO, LLC.
LANG NCR # 6
N2SESESE 30 15S-12W
RUSSELL COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

LANG NCR # 6 SAMPLES
BEREDCO DRILLING RIG 10 DRILLING 7 7/8 HOLE

ANHYDRITE TOP 820(+1067) S
816(+1071) L

BASE 847(+1040) S
846(+1041) L

2500-2600 SHALE gray,firm,argillaceous with thin bedded LIMESTONE buff,
gray,slightly hard,slightly fossils,dense,no shows

2600-90 SHALE as above

TOPEKA

2690-2810 LIMESTONE buff,gray,hard,fossils,poor porosity,no shows with thin bedded
SHALE as above

2810-25 SHALE gray,black,firm,slightly carbonaceous

35' TOPEKA

2825-35 LIMESTONE gray,buff,firm,argillaceous,slightly fossils,no shows

2835-50 SHALE as above

PLATTSMOUTH

2850-2900 LIMESTONE gray brown,hard,very fossils, dense,poor porosity,no shows with
thin SHALE as above dark gray,black,carbonaceous

2900-14 LIMESTONE pale gray,buff,firm,argillaceous,dirty,fossils, poor porosity,no
shows

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2914-38 SHALE gray,red,green,firm, fissile

2938-68 LIMESTONE buff,hard,dense,slightly fossils,poor porosity,no shows
HEEBNER

2968-74 SHALE black,firm,very carbonaceous, fissile

2968-90 SHALE var color as above

TORONTO

2990-3004 LIMESTONE buff,firm,micro sucrosic texture,dolomitic,poor to fair
intercrystalline porosity,spotty to even live light brown stain,good cut and
odor,poor show free oil

3004-22 SHALE gray,green,red,firm, fissile,argillaceous

3022-30 SANDSTONE gray,firm,very fine grained,very argillaceous,poor porosity,no
shows

3030-55 SHALE as above

LANSING A

3055-90 LIMESTONE buff,pale gray brown,hard,slightly fossils,dense,poor porosity,no
shows with very thin SHALE as above

B ZONE

3090-98 LIMESTONE white,firm,very oolitic, good moldic porosity,spotty to even live
brown stain,very good cut and odor, good show free oil

3100-10 LIMESTONE buff,hard,dense,no shows with thin SHALE as above

C ZONE

3110-20 LIMESTONE buff,pale gray,hard, fossils,micxln,poor pinpoint vuggy
porosity,spotty live brown stain,good cut, fair odor,poor show free oil

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3120-26 SHALE as above

F ZONE

3126-34 GRAINSTONE buff,firm,very oolitic,good intergranular porosity,spotty to even live brown stain,very good cut and odor,good show free oil

3134-42 LIMESTONE white,buff,hard,dense, poor porosity,no shows with very thin SHALE as above

G ZONE

3142-62 LIMESTONE buff,firm,oolitic,good to very good moldic porosity,even live brown stain,very good cut and odor,good show free oil

3162-66 LIMESTONE as above fair porosity,spotty stain,good cut and odor,fair show free oil

3166-86 LIMESTONE pale gray,buff,very hard,dense,crpxln,with very thin bedded SHALE black,carbonaceous

H ZONE

3188-94 LIMESTONE gray brown,very hard,very dense,aome Chert tan

3294-3200 SHALE black,firm,carbonaceous

3200-18 LIMESTONE as above very dense,chrty with thin SHALE as above

I ZONE

3118-26 GRAINSTONE white,slightly hard,very oolitic,fair intergranular porosity,spotty live brown stain,very good cut and odor,good show free oil

3226-30 SHALE as above

J ZONE

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3230-35 GRAINSTONE white,firm,very oolitic,slightly chalky,fair to good intergranular porosity,spotty live brown stain,very good cut and odor,good show free oil

3234-52 LIMESTONE buff,very hard,dense,fossils, trace Chert white

3252-68 SHALE gray,firm,fi ssile

K ZONE

3268-74 LIMESTONE white,firm,oolitic, chalky,poor moldic porosity,trace spotty live brown stain,poor cut,no odor,no free oil

3274-94 LIMESTONE buff,very hard,dense,no shows

3294-3300 SHALE as above

3300-12 LIMESTONE pale gray,very hard,dense,blocky

3312-34 CONG/LIMESTONE as above,abundant Chert yell,orange,white with stringers LIMESTONE white,firm,very oolitic,fair intergranular porosity,spotty live brown stain,fair cut, fair show free oil

ARBUCKLE

3334-50 DOLOMITE white,firm,microsuc texture,fair to good intxln porosity,even to spotty live brown stain,very good cut and odor,good show free oil

3350-70 DOLOMITE as above pr to fair intergranular porosity,spotty live brown stain,good cut and odor,good show free oil

3370-80 DOLOMITE white,hard,dense,poor porosity, no shows,abundant Chert white,very spotty live brown stain,fair cut

3380-3400 DOLOMITE as above very faint spotty brown stain,poor cut,

RTD 3400'

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