

*well file*

**BEREXCO, LLC.  
VADA B # 1-17  
NESW SECTION 17 1S-37W  
CHEYENNE COUNTY, KANSAS**

**GEOLOGIST  
WILLIAM B. BYNOG**

## RESUME

OPERATOR: BEREXCO, LLC.

WELL NAME & NUMBER: VADA B # 1-17

LOCATION: NESW SECTION 17 1S-37W

COUNTY: CHEYENNE

STATE: KANSAS

SPUD DATE: 3-12-2013 COMPLETION DATE: 3-23-2012

ELEVATIONS: GL: 3205' KB: 3216'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG, MICROLOG

WELLSITE ENGINEER: NONE

MUD COMPANY: MORGAN MUD

MUD TYPE & ENGINEER: FRESH CHEMICAL

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

DRILL STEM TEST COMPANY: TRILOBITE

DRILL STEM TEST: DST #1 4120-4210, DST#2 4190-4350,  
DST#3 4342-4405, DST#4 4562-4597

WELL STATUS: SET 5 ½ PRODUCTION CASING

## VADA B 1-17 SAMPLE DESCRIPTIONS

Beredco Rig 10 drilling 7 7/8 hole

ANHYDRITE 3172(+44) S

3176(+40) L

BASE 3206(+10) S

3210(+6) L

### SAMPLE DESCRIPTIONS

3500- 65 SHALE red,firm,very silty

3565-3624 SHALE red,soft,very argillaceous,sly in part

3624-34 LIMESTONE white,hard,sandy,dense, poor porosity,trace dead black stain

## VADA B 1-17 SAMPLE DESCRIPTIONS

3930-68 SHALE as above

TOPEKA

3960-82 LIMESTONE white,firm,chalky,poor porosity,very spotty dead black stain

3982- 4006 LIMESTONE white,hard,dense,smth texture,blocky,chalky in part,no shows

4006-38 SHALE red,soft,very argillaceous

4038 -50 LIMESTONE buff,very hard,very dense, smth texture,some chalky in part

4050-94 SHALE red,firm,blocky,argillaceous

OREAD

4096-4110 LIMESTONE white to pale gray,hard, dense,abundant chalky,poor porosity,very spotty dead flaky dead black stain

4110-35 LIMESTONE pale gray,very hard,dense,smth texture,crptoxln

4125-32 SHALE red,green,black,dark gray,firm,fissile

4142-52 LIMESTONE as above,dense,no shows

## VADA B 1-17 SAMPLE DESCRIPTIONS

4152-78 SHALE red,very soft.very argillaceous, gummy

A

4178-82 LIMESTONE white,buff,firm, oolitic,poor to trace fair intxln and vuggy porosity, spotty live brown stain,good mlky cut,poor show free oil

4182-98 LIMESTONE buff,very hard,dense, crptoxln,no shows

4198-4210 SANDSTONE white,firm,very fine grained,clay fled ,poor porosity,very rare spotty black dead stain,no cut

4210-36 SHALE red,firm,blocky,argillaceous

B

4236-44 LIMESTONE buff,hard,dense, blocky,poor vuggy porosity,very spotty black live stain,fair cut

4245-52LIMESTONE white,firm,chalky, fossils,poor to fair intg vuggy porosity, spotty black live stain,good mlky cut,fair show free oil

4252-70 LIMESTONE buff,very hard,dense, crptoxln,no shows

4270-88 SHALE red,soft,argillaceous

C

## VADA B 1-17 SAMPLE DESCRIPTIONS

4288-4290 LIMESTONE white,hard,slightly oolitic,poor oomoldic vuggy porosity,very spotty live brown stain,good cut

4290-4310 LIMESTONE buff,hard,blocky, dense,clky in part,poor porosity,no shows

4310-30 SHALE green,soft,slty in part, argillaceous

D

4330-60 LIMESTONE buff,very hard,dense,poor porosity,no shows

4360-85 SHALE red,very soft,gummy

E

4385-96 LIMESTONE white,firm,very chalky, poor pinpoint vuggy porosity,very spotty live brown stain,good mlky cut

4396-4428 SHALE as above

F

4428-50 LIMESTONE white to buff,hard,slightly fossils,chalky poor porosity,no shows

4450-86 SHALE red,green,soft,very argillaceous with thin stringers LIMESTONE as above,no shows

VADA B 1-17 SAMPLE DESCRIPTIONS

4486-48 SHALE red,very soft,very argillaceous

4548-64 LIMESTONE buff,hard,dense,slightly fossils,no shows

4564-88 SHALE gray,green,firm,very argillaceous

PAWNEE

4584-92 GRAINSTONE white, firm,very oolitic,fair intg vuggy porosity,spotty to even live brown stain,very good mlky cut,good show free oil

4592-4600 LIMESTONE white to pale gray,hard, dense,very chalky in part,poor porosity,no shows

4600-30 SHALE pale gray,green,very soft,very argillaceous

4630-52 LIMESTONE buff,hard,dense, chalky in part poor porosity,no shows

4652-64 SHALE dark gray,black,firm, fissile,carbonaceous

4664-4716 LIMESTONE as above with thin SHALE as above

4716-50 SHALE red,green,maroon,firm, fissile,sandy in part

RTD 4750'

VADA B 1-17 SAMPLE DESCRIPTIONS

LTD 4745'