

11-195-26w  
RECEIVED  
MAR 10 2006  
KCC WICHITA

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Blueridge Petroleum Corp.  
Antenen #1-11  
60' South & 130' West | Section 11-19s-26w  
Ness County, Kansas N2 N2 N2  
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15-135-2444-00-00

**5 1/2" Production Casing Set**

**Contractor:** Forrest Energy LLC (Rig #8)  
**Commenced:** December 19, 2005  
**Completed:** January 4, 2006  
**Elevation:** 2595' K.B.; 2593' D.F.; 2585' G.L.  
**Casing Program:** Surface; 8 5/8" @ 319'  
Production; 5 1/2" @ 4540'  
**Samples:** Samples saved and examined 3700' to the Rotary Total Depth.  
**Drilling Time:** One (1) foot drilling time recorded and kept 3500' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Formation Testing:** There was one (1) Drill Stem Test ran by Trilobite Testing Inc.  
**Electric Log:** By Eli Wireline Services; Dual Induction, Compensated Density/Neutron Log, Sonic Log and Micro Log.  
**Gas Detector:** None.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite -	1868	+727
Heebner -	3882	-1287
Toronto	3899	-1304
Lansing -	3922	-1327
Stark	4187	-1592
Base Kansas City	4275	-1680
Marmaton -	4297	-1702
Pawnee	4385	-1790
Ft. Scott -	4441	-1846
Cherokee Shale	4466	-1871
Cherokee Sand -	4528	-1933
Mississippian -	4538	-1943
Rotary Total Depth	4551	-1956
Log Total Depth	4548	-1953

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TORONTO SECTION**

3904-3910' Limestone; white and gray, fossiliferous, scattered fossil cast porosity (barren), trace white and gray chert.

**LANSING SECTION**

3922-3928'	Limestone; white, fossiliferous, slightly chalky, poor visible porosity, (barren).
3930-3936'	Limestone; tan, oolitic, slightly cherty (dense), plus trace white chert.
3942-3952'	Limestone; white, buff/gray, finely crystalline, fossiliferous, chalky, trace chert as above.
3966-3974'	Limestone; gray, white, finely crystalline, oolitic, sparry calcite cement, poor porosity.
3988-3994'	Limestone; gray, finely crystalline, finely oolitic, fair vuggy to pinpoint porosity, trace white boney chert.
4007-4012'	Limestone; cream, white, finely crystalline, fossiliferous, chalky, poor visible porosity, no shows.
4014-4021'	Limestone; as above.
4035-4055'	Limestone; gray, white, oolitic/fossiliferous, chalky, increasingly cherty, scattered vuggy type porosity (barren).
4058-4070'	Limestone; gray, buff, fine and medium crystalline, fossiliferous, sparry calcite replacement in some porosity, trace white chert and white chalk.
4096-4108'	Limestone; white, gray, fossiliferous, chalky, scattered pinpoint type porosity, no shows.
4124-4134'	Limestone; white, oolitic, oomoldic, finely oomoldic porosity, no shows.
4151-4182'	Limestone; white, gray, oomoldic, fair to good oomoldic porosity (barren).
4194-4202'	Limestone; white, cream, oolitic/oomoldic, fair to good oomoldic porosity, no shows.
4224-4242	Limestone; as above, oolitic, fossiliferous, no shows,

**MARAMTON SECTION**

4297-4310'	Limestone; tan, maroon tinted, slightly fossiliferous, chalky, trace gray, medium crystalline, chalky dense, limestone.
4310-4316'	Limestone; gray, white, fossiliferous, chalky, trace brown edge staining, no show of free oil or odor in fresh samples.
4324-4336'	Limestone; as above.
4340-4350'	Limestone; gray, white, finely crystalline, slightly fossiliferous, chalky, poor porosity.
4354-4370'	Limestone; cream, buff, finely crystalline, few fossiliferous, cherty in part, questionable stain, no show of free oil or odor in fresh samples.

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**PAWNEE SECTION**

- 4385-4400' Limestone; gray, white, chalky, dense.
- 4400-4420' Limestone; as above, slightly fossiliferous, poor visible porosity, no shows.
- 4420-4436' Limestone; as above.

**FT SCOTT SECTION**

- 4341-4450' Limestone; gray, white, finely crystalline, oolitic, chalky, poorly developed porosity.
- 4456-4464' Limestone; cream, gray, finely crystalline, fossiliferous, chalky, trace spotty brown stain, no show of free oil or odor in fresh samples.

**CHEROKEE SECTION**

- 4466-4489' Limestone; gray, white, finely crystalline, chalky, trace iron pyrite, no shows.
- 4528-4534' Sand; white, clear, very fine grained, quartzitic, sub rounded, friable in part, fair brown stain, trace of free oil and faint odor in fresh samples.

**MISSISSIPPIAN SECTION**

- 4538-4540' Dolomite; tan, buff, finely crystalline, sucrosic, scattered porosity, trace stain, no show of free oil or odor.
- 4540-4548' Dolomite; buff, gray, finely crystalline, sucrosic, fossiliferous, fair fossil cast and vuggy type porosity, light brown to golden brown stain, show of free oil and fair odor in fresh samples.

**Drill Stem Test #1 4515-4551'(log measurements 4512-4548)**

**Times: 30-45-45-60**

**Blow: Weak to good (OBB 13 minutes)**

**Final Flow: Weak to good (OBB 14 minutes)**

**Recovery: 215' gas in pipe  
340' clean gassy oil  
62' mud cut gassy oil  
60' oil and gas cut mud  
120' slightly oil and gas cut mud  
(5% gas, 5% oil, 90% mud)  
60' slightly oil and gas cut watery mud  
(5% gas, 10% oil, 5% water, 80% mud)**

**Pressures: ISIP 1268 psi  
FSIP 1262 psi  
IFP 21-154 psi  
FFP 158-257 psi  
HSH 2232-2175 psi**

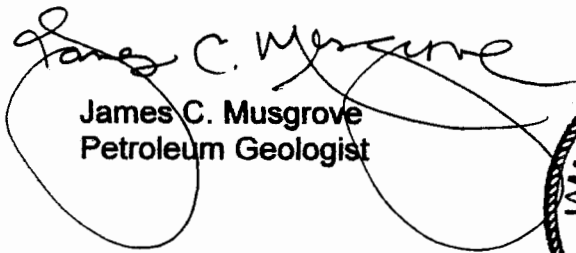
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**Rotary Total Depth**            **4551 (-1956)**  
**Log Total Depth**            **4548 (-1953)**

**Recommendations:**

On the basis of the favorable structural position and the positive results of the Drill Stem, it was recommended to set and cement 5 ½" production casing at 4540' (eight foot off bottom) and the Antenen #1-11 be completed in the Mississippian Dolomite by "open hole" completion methods.

Respectfully submitted;

  
James C. Musgrove  
Petroleum Geologist

