

**GREG FRANKLIN
PETROLEUM GEOLOGIST**

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November 28, 2005

Kansas Corporation Commission
130 South Market Room 2078
Wichita, Kansas 67202

Rock Chalk Jay hawk 1-28
1350' FWL 600' FNL of the NW/4
Sec 28-T33S-R-31W
Seward County, Kansas

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GEOLOGICAL WELL REPORT

The Rock Chalk Jay hawk 1-28 was drilled to a total depth of 2800'. Three potentially productive zones were encountered and will be described below:

Herrington

The Herrington Dolomite was encountered from 2592' to 2600', 8 feet overall. The drilling rate before and after was the same at .5 to 1.0 min/ft. A 20 Unit gas show was encountered. The sample description is as follows:

Herrington

DOLO-CRMWHT, V/F-F-XLN, SUC, SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

Upper Krider

The Upper Krider was encountered from 2622' to 2650', 28 feet overall. The before and after drilling rate was the same at .5 to 1.0 min/ft with a 180 unit gas show which to date is the best show that BEC has encountered in the field.

The sample description is as follows:

Upper Krider

DOLO-CRM-OFF WHT-WHT, V/F-F-XLN, SUB SUC-SUC I.P., SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

Lower Krider

The Lower Krider was encountered from 2670' to 2700', 30 feet overall. The drill off before and after was the same at .5 to 1.0 min/ft. There was a 30 unit gas show and the sample description is as follows:

Lower Krider

DOLO-CRM-OFF WHT-WHT, V/F-F-XLN, SUB SUC-SUC I.P., SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

If you need any additional information or have any questions please contact me at the number above.

Respectfully submitted,



Greg Franklin
Petroleum Geologist
AAPG # 31075-4

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Beck Chalk Jayhawk 1-28
28-330-3111

DRILLER'S LOG

BARBOUR ENERGY CORPORATION
ROCK CHALK JAYHAWK #1-28
SECTION 28-T33S-R31W
SEWARD COUNTY, KANSAS

COMMENCED: 11-18-05
COMPLETED: 11-21-05

SURFACE CASING: 642' OF 8 5/8" CMTD
W/330 SKS LITE + 3%CC + 1/2#/SK FLOCELE.
TAILED W/180 SKS CLASS H + 3% CC +
1/2#/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 642
RED BED	642 - 790
GLORIETTA	790 - 905
RED BED	905 - 1821
RED BED, SHALE & LIMESTONE	1821 - 2728
LIMESTONE & SHALE	2728 - 2800 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, LP



WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF NOVEMBER, 2005.

JOLENE K. RUSSELL



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