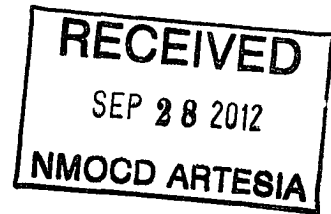


**CAVALOZ DRILLING**

P.O. BOX 1500 (575) 3910699 FAX (575) 391- 3824 HOBBS, NEW MEXICO 88241

**INCLINATION REPORT**

30-015-39567

DATE: 5/29/12

WELL NAME AND NUMBER BKU FED #657  
LOCATION EDDY COUNTY  
OPERATOR: COG LLC  
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #2

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN AUTHORIZED REPRESENTATIVE OF THE DRILLING CONTRACTOR WHO DRILLED THE ABOVE DESCRIBED WELL AND THAT HE HAS CONDUCTED DEVIATION TEST AND OBTAINED THE FOLLOWING RESULTS:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
<u>0.1</u>	<u>139</u>	<u>0.2</u>	<u>4176</u>	<u>      </u>	<u>      </u>
<u>0.3</u>	<u>187</u>	<u>0.7</u>	<u>4601</u>	<u>      </u>	<u>      </u>
<u>0.8</u>	<u>607</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.5</u>	<u>985</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.4</u>	<u>1204</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.3</u>	<u>1700</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>1.3</u>	<u>2200</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>1.1</u>	<u>2700</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.6</u>	<u>3200</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.6</u>	<u>3704</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

DRILLING CONTRACTOR:  
CAVALOZ DRILLING

BY: Bob Wegner  
BOB WEGNER  
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 29th DAY OF May, 2012

MY COMMISSION EXPIRES:

03/01/15Jessica Bueno

OFFICIAL SEAL  
JESSICA BUENO  
NOTARY PUBLIC - STATE OF NEW MEXICO  
My commission expires: 03/01/15