

**CAVALOZ DRILLING**

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

**INCLINATION REPORT****RECEIVED**

MAY 04 2012

**NMOCD ARTESIA**

DATE: 2/29/12

30-015-36180

WELL NAME AND NUMBER BKU FED #420  
LOCATION EDDY COUNTY  
OPERATOR: COG LLC  
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #1

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>0.8</u>	<u>178</u>	<u>0.8</u>	<u>3692</u>	<u>      </u>	<u>      </u>
<u>0.1</u>	<u>269</u>	<u>1</u>	<u>4160</u>	<u>      </u>	<u>      </u>
<u>0.5</u>	<u>331</u>	<u>1.1</u>	<u>4568</u>	<u>      </u>	<u>      </u>
<u>0.3</u>	<u>688</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>1.4</u>	<u>1001</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.2</u>	<u>1463</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.7</u>	<u>1902</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.4</u>	<u>2372</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>0.2</u>	<u>2884</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>1.1</u>	<u>3249</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 29<sup>th</sup> DAY OF Feb, 2012

MY COMMISSION EXPIRES: 3/01/15

Jennifer E. [Signature]