

30-015-39775

CAVALOZ DRILLING

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

INCLINATION REPORT

DATE: 3/9/12

WELL NAME AND NUMBER STATE S-19 #36
 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>0.3</u>	<u>139</u>	<u>0.9</u>	<u>3097</u>	<u> </u>	<u> </u>
<u>0.7</u>	<u>232</u>	<u>0.6</u>	<u>3566</u>	<u> </u>	<u> </u>
<u>0.5</u>	<u>323</u>	<u>0.5</u>	<u>4003</u>	<u> </u>	<u> </u>
<u>1.3</u>	<u>504</u>	<u>0.7</u>	<u>4474</u>	<u> </u>	<u> </u>
<u>0.8</u>	<u>687</u>	<u>0.8</u>	<u>4946</u>	<u> </u>	<u> </u>
<u>0.7</u>	<u>823</u>	<u>1.4</u>	<u>5382</u>	<u> </u>	<u> </u>
<u>0.4</u>	<u>1308</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1</u>	<u>1780</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>0.7</u>	<u>2185</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>0.7</u>	<u>2625</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 9th DAY OF March, 2012

MY COMMISSION EXPIRES: 03/01/15 Jessica Bueno



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