CAVALOZ DRILLING

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

INCLINATION REPORT

DATE: 12/12/10

30-015-37128

| WELL NAME AND NUMBER | BURCH KEELY UNIT 416 |
|----------------------|----------------------|
| LOCATION | EDDY COUNTY |
| OPERATOR: | COG LLC. |
| DRILLING CONTRACTOR: | CAVALOZ DRILLING |

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 |
|--------|-------|--------|-------|--------|-------|
| 1.28 | 340 | 0.59 | 4335 | | |
| 1.94 | 720 | 0.74 | 4848 | | |
| 2.66 | 1016 | 0.87 | 4986 | | |
| 2.77 | 1287 | | | | |
| 1.17 | 1507 | | · · · | | |
| 1.22 | 1946 | | | | |
| 0.34 | 2387 | | | | |
| 1.29 | 2826 | | | | |
| 0.06 | 3358 | • | | | |
| 0.61 | 3800 | | | | |

JAN 2 4 2011
NMOCD ARTESIA

DRILLING CONTRACTOR: CAVALOZ DRILLING

BOB WEGNER
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 13 HO DAY OF WIND

MY COMMISSION EXPIRES:

OFFICIAL SEAL JESSICA BUENO NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires: 03 0111