

CAVALOZ DRILLING

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

30-015-38207

INCLINATION REPORT

DATE: 4/5/11

WELL NAME AND NUMBER WHITE OAK STATE #24
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 |
|--------|-------|--------|-------|--------|-------|
| 0.88 | 230 | 0.49 | 3717 | | |
| 0.33 | 441 | 0.71 | 4217 | | |
| 0.92 | 690 | 1 | 4894 | | |
| 0.19 | 825 | 1 | 5229 | | |
| 0.39 | 1294 | | | | |
| 1.23 | 1780 | | | | |
| 1.15 | 2018 | | | | |
| 1.02 | 2302 | | | | |
| 1.13 | 2775 | | | | |
| 0.71 | 3248 | | | | |



DRILLING CONTRACTOR:
CAVALOZ DRILLING

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 5th DAY OF April, 2011

MY COMMISSION EXPIRES: 03/01/15

Jessica Bueno



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