

CAVALOZ DRILLING

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

INCLINATION REPORT

DATE: 4/27/11

WELL NAME AND NUMBER FIRECRACKER STATE #13
LOCATION EDDY COUNTY
OPERATOR: COG LLC
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #2

30-015-38418
14-17.28418 J 2310FNL 2310FEL

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
0.5	230	0.6	4805		
1	660				
0.5	841				
0.2	1349				
0.7	1849				
0.2	2282				
0.4	2855				
1.06	3325				
0.4	3825				
0.7	4302				

RECEIVED

JUL 18 2011

NMOCD ARTESIA

DRILLING CONTRACTOR:
CAVALOZ DRILLING

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 27th DAY OF April, 2011

MY COMMISSION EXPIRES:

3/01/15

[Signature]



OFFICIAL SEAL
JESSICA BUENO
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires: 3/01/15