

CAVALOZ DRILLING

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

INCLINATION REPORT

DATE: 4/11/11

30-015-38918

WELL NAME AND NUMBER FIRECRACKER STATE #8
LOCATION EDDY COUNTY
OPERATOR: COG LLC
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #2

P-14-175-28e
330/5 & 330/e

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
2.6	187	0.69	3746		
2.43	340	0.35	4309		
2.2	492	1.21	4780		
1.11	647	1.25	5254		
1.35	848				
0.94	1322				
0.86	1794				
0.28	2265				
1.01	2765				
0.88	3242				

DRILLING CONTRACTOR:
CAVALOZ DRILLING

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 11th DAY OF April, 2011

MY COMMISSION EXPIRES: 03/1/15

Jessica Bueno

RECEIVED

JUN 20 2011

NMOCD ARTESIA



OFFICIAL SEAL
JESSICA BUENO
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires: 03/1/15