

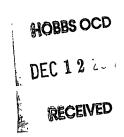
December 6, 2011

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Oil Conservation Division State of New Mexico 1625 N. French Drive Hobbs, New Mexico 88240

Dear District 1

Re: EOG Resources Caballo 23 Fed 5H Lea County, NM API #30:025-40247> Job No. 1110582



Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of
		From	То	Start	End	Survey
Bruce Manser	5H	1,143	13,966	11/20/11	12/01/11	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Gretchen Briggs

Operations Administrator

Certified mail receipt number: 7010 1670 0000 9227 7218 .

HOBBS OCD

Phoenix Technology Services SURVEY DATA CERTIFICATION DEC 1 2 2011



PHOENIX JOB NUMBER

1110582

OPERATOR EOG Resources

Lea,NM WELL NAME | Caballo 23 Fed 5H COUNTY & STATE

179.4 API WELL NUMBER 30-025-40247 PROPOSED DIRECTION

TIE-IN DATA **MEASURED** VERTICAL E-W DATA N-S DEPTH **DEPTH INCLIN AZIMUTH COORD** COORD **SOURCE** Surface... -5.20° **1.100 ft** 1.099.98 ft 0.38 240.41

FIRST **FIRST SURVEY SURVEY** DATE DEPTH INCLIN **AZIMUTH** 20-Nov-11 1,143 ft 0.50 274.52

SURVEY INSTRUMENT Phoenix MWD

LAST **LAST SURVEY SURVEY** DATE **DEPTH AZIMUTH** INCLIN 92.1 1-Dec-11 13,966 ft 181.1

TO THE BEST OF MY KNOWLEDGE I CERTIFY THIS SURVEY DATA TO BE TRUE AND CORRECT.

PROJECTED PROJECTED TD SURVEY TD SURVEY DATE DEPTH INCLIN **AZIMUTH** 181.1 1 Dec-11 14,025 ft 92.1

PRINT YOUR NAME, ABOVE

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED 7.12 **DECLINATION OR GRID**

12/1/2011

Bruce Manser

TODAY'S DATE

MWD SUPERVISOR 1

MWD SUPERVISOR 2

Bruce Manser

Jonathan Gammons

DIRECTIONAL DRILLER 1

DIRECTIONAL DRILLER 2

Corey Owens

Casey Tubbe

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice), (713)337-0599 (Fax)