



PHOENIX
TECHNOLOGY SERVICES

HOBBS OCD

OCT 28 2011

RECEIVED

October 24, 2011

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

Dear District 1

Re: EOG Resources
Caballo 23 Fed 3H
Lea County, NM
API #30-025-40052
Job No. 1110581

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 Survey
		From	To	Start	End	
Jase Collum	3H	1,185	13,976	10/08/11	10/20/11	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 7058

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER	1110581	OPERATOR	EOG Resources
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WELL NAME	Caballo 23 Fed 3H	COUNTY & STATE	Lea County, NM
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API WELL NUMBER	30-025-40052	PROPOSED DIRECTION	179.56
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TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE
1,096 ft	1,095.89 ft	.7 ft	217.0 ft	-9.42 ft	-11.82 ft	Scientific Drilling

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
8-Oct-11	1,185 ft	1.0	228.2

SURVEY INSTRUMENT TYPE
Phoenix MWD

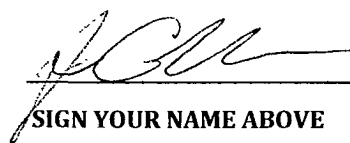
LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
20-Oct-11	13,976 ft	90.1	178.7

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

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
20-Oct-11	14,045 ft	90.1	178.7

Jase Collum

PRINT YOUR NAME ABOVE



SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.11
DECLINATION OR GRID	GRID

10/20/2011

TODAY'S DATE

MWD SUPERVISOR 1

Bruce Manser/Jase Collum

DIRECTIONAL DRILLER 1

Greg Scott

MWD SUPERVISOR 2

Craig Petersen

DIRECTIONAL DRILLER 2

Corey Owens

1805 Brittmore Road Houston, Texas 77043 (713)3370609 (Voice), (713)337-0599 (Fax)