



**PHOENIX
TECHNOLOGY SERVICES**

October 4, 2011

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

HOBBS OCD

OCT 11 2011

Dear District 1

RECEIVED

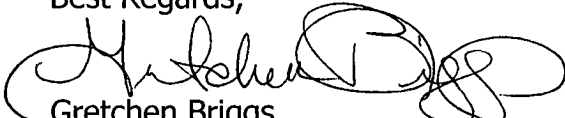
Re: EOG Resources
Caballo 23 Fed 6H
Lea County, NM
~~API# 30-025-40248~~
Job No. 1110524

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	6H	1,280	14,062	09/16/11	09/29/11	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 7089

DEC 15 2011

Phoenix Technology Services

SURVEY DATA CERTIFICATION

OCT 11 2011



RECEIVED

PHOENIX JOB NUMBER	1110524	OPERATOR	EOG Resources
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WELL NAME	Caballo 23 Fed 6H	COUNTY & STATE	Lea, NM
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API WELL NUMBER	30-025-40248	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
1,095.36 ft	1,095.33 ft	.94 ft	251.9 ft	3.03 ft	-2.44 ft	Gyro

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
16-Sep-11	1,280 ft	0.6	273.6

SURVEY INSTRUMENT TYPE
Phoenix MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
29-Sep-11	14,062 ft	89.3	180.7

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
29-Sep-11	14,123 ft	89.3	180.7

Jase Collum

PRINT YOUR NAME ABOVE

SIGN YOUR NAME ABOVE

9/29/2011

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.11
DECLINATION OR GRID	DEC

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