

SUR: C-14-25s-33e, 50/N & 2130/W
BHL: N-14-25s-33e, 5028/N & 2026/W
API # 30-025-39943



PHOENIX
TECHNOLOGY SERVICES

September 11, 2012

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

Dear District 1 - Hobbs

Re: EOG Resources
Vaca 14 Fed 6H
Lea Co., NM
API #30-0525-39943
Job No. 1210812

HOBBS OCD

OCT 01 2012

RECEIVED

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	
Matt Dice	6	1,284	14,098	09/09/12	09/21/12	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,

Amy Pope
Operations Administrator

Certified mail receipt number: 7011 1570 0001 4364 9711

DEC 11 2012

HOBBS OCD

OCT 01 2012

Phoenix Technology Services
SURVEY DATA CERTIFICATION

PHOENIX JOB NUMBER 1210812

RECEIVED
OPERATOR EOG Resources

WELL NAME Vaca 14 Fed 6H

COUNTY & STATE

Lea, NM

API WELL NUMBER 3002539943

PROPOSED DIRECTION 181.37

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
1,164 ft	1,163.99 ft	.3 ft	241.0 ft	1.07 ft	3.73 ft	Gyro

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
9-Sep-12	1,284 ft	0.2	196.1

SURVEY INSTRUMENT
TYPE
Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
21-Sep-12	14,098 ft	89.9	182.1

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
21-Sep-12	14,150 ft	89.9	182.1

Matt Dice

PRINT YOUR NAME ABOVE

A handwritten signature of Matt Dice.

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	
	7
DECLINATION OR GRID	DECLINATION

9/21/2012

TODAY'S DATE

MWD SUPERVISOR 1 Brad Hill

DIRECTIONAL DRILLER 1

Corey Owens

MWD SUPERVISOR 2 Matt Dice

DIRECTIONAL DRILLER 2

Casey Tubbe

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

nothing will printout below this line

By the end of the job complete this form, print it out, sign it and put in your job folder
This form is backup for any questions on data reliability
Survey Instrument type is either a MWD, Steering Tool, or Single Shot