

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. MMN 108503
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator BOG Resources Inc.		7. Unit or CA Agreement Name and No.
3. Address P.O. Box 2267 Midland, Texas 79705		8. Lease Name and Well No. Vaca Federal 14 No. 25
3a. Phone No. (include area code) 432 686 3689		9. API Well No. 30-025-37839
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980' FSL & 330' FEL U/L I		10. Field and Pool, or Exploratory Red Hills; Bone Spring
At top prod. interval reported below		11. Sec., T., R., M., or Block and Survey or Area Sec 14, T25S, R33E
At total depth BHL @ K-13-25s-33e. 2231/S & 2431/W		12. County or Parish Lea
14. Date Spudded 5/25/06		13. State NM
15. Date T.D. Reached 7/14/06		17. Elevations (DF, RKB, RT, GL)* 3352 GL
16. Date Completed ☐ D & A ☒ Ready to Prod. 9/24/06		

18. Total Depth: MD TVD	14756 12299	19. Plug Back T.D.: MD TVD	MD TVD	20. Depth Bridge Plug Set: MD TVD	MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48		650		460 PP		Surface	
12 1/4	9 5/8	40		5150		1800 C		Surface	
						400 PP			
8 3/4	7	26		12543		1050 Prem		4850 Calc	
						350 POZ Prem			
6 1/8	4 1/2	11.6	11687	14750		180 ASC			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	11646							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	11900		12400 - 14362		105	Producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12400 - 14362	Frac w/ 11837 bbls slick water; 145 bbls 15% HCL acid;
	411080 lbs 18/40 Versaprop

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
9/24/06	10/7/06	24	→	261	403	219	45.0		Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
20/64	220	150	→				1544	POW	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

NOV 20 2006

WESLEY W. INGRAM
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg Press. Flwg SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg Press. Flwg SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Rustler	1108
				Delaware	5118
				Cherry Canyon Marker	6410
				Bone Spring Lime	9270
				3rd Bone Spring Sand	11900
				Wolfcamp	12346

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stan WagnerTitle Regulatory Analyst

Signature

Date 10/9/06

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-402
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37839	Pool Code 51020	Pool Name Red Hills; Bone Springs
Property Code 13270	Property Name VACA FEDERAL (14)	Well Number 2X
OCRD No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3352'

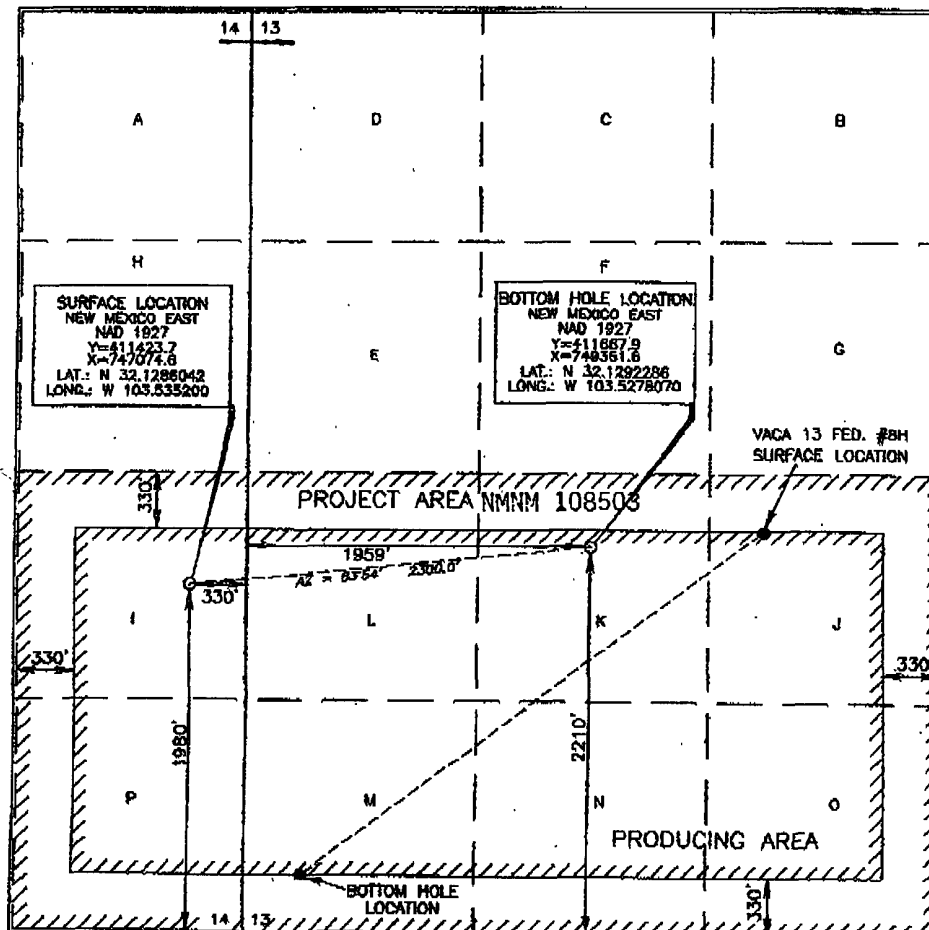
Surface Location

UL or lot no.	Section	Township	Range	Lat 14th	Feet from the	North/South line	Feet from the	East/West line	County
I	14	25 SOUTH	33 EAST, N.M.P.M.		1980	SOUTH	330	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lat 14th	Feet from the	North/South line	Feet from the	East/West line	County
K	13	25 SOUTH	33 EAST, N.M.P.M.		2210	SOUTH	1959	WEST	LEA
Dedicated Acres 320		Joint or Infill	Consolidation Code	Order No.	2231		2431		

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Donny G. Glanton 6/22/06
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my belief.

15079
FEBRUARY 2, 2006
Date of Survey

Terry J. Auel
Signature of Professional Surveyor

Certificate Number 15079

WOF 060202WL 2 (A)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79705		² OGRID Number 7377
		³ Reason for Filing Code NW 9/2006
⁴ API Number 30-0 25-37839	⁵ Pool Name Red Hills; Bone Spring	⁶ Pool Code 51020
⁷ Property Code 13270	⁸ Property Name Vaca Federal 14	⁹ Well Number 25

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	14	25S	33E		1980	South	330	East	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N K	13	25S	33E		2231	South	2431	West	Lea
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number 581	¹⁶ C-129 Effective Date 2096	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
34053	Plains Marketing L.P.		Oil	
20809	Sid Richardson Energy Services		Gas	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date 5/25/06	²⁶ Ready Date 9/24/06	²⁷ TD 14756M 12299V	²⁸ PBTD	²⁹ Perforations 12400 - 14362	³⁰ DHC, MC
³¹ Hole Size 17 1/2	³² Casing & Tubing Size 13 3/8	³³ Depth Set 650	³⁴ Sacks Cement 460 Prem Plus		
12 1/4	9 5/8	5150	1800 C, 400 Prem Plus		
8 3/4	7	12543	1050 Prem, 350 POZ Prem		
6 1/8	4 1/2	11687 - 14750	180 ASC		

VI. Well Test Data

³⁵ Date New Oil 9/24/06	³⁶ Gas Delivery Date 9/24/06	³⁷ Test Date 10/7/06	³⁸ Test Length 24	³⁹ Tbg Pressure 220	⁴⁰ Csg. Pressure 150
⁴¹ Choke Size 20/64	⁴² Oil 261	⁴³ Water 219	⁴⁴ Gas 403	⁴⁵ AOF	⁴⁶ Test Method Flowing

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Stan Wagner</i>		OIL CONSERVATION DIVISION Approved by: <i>Chris Williamson</i>	
Printed name: Stan Wagner		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
Title: Regulatory Analyst		Approval Date: AUG 30 2007	
Date: 10/9/06	Phone: 432 686 3689		

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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