Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cc . Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM16139

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM72370

2. Name of Operator EOG RESOURCES INCORPORATED
Contact: BEV HATFIELD
E-Mail: beverly_hatfield@eogresources.com

8. Lease Name and Well No. VACA RIDGE 4 01

3. Address P. O. BOX 2267 MIDLAND, TX 79702
3a. Phone No. (include area code) Ph: 915.686.3689

9. API Well No. 30-025-28491-00-~~S1~~ S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENW 660FNL 1980FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory ~~PITCHFORK RANCH~~ Wildcat

11. Sec., T., R., M., or Block and Survey or Area Sec 4 T25S R34E Mer NMP

12. County or Parish LEA
13. State NM

14. Date Spudded 12/17/2083
15. Date T.D. Reached 02/10/2084
16. Date Completed ☐ D & A ☒ Ready to Prod. 02/21/2084
17. Elevations (DF, KB, RT, GL)* 3373 GL

18. Total Depth: MD 15160 TVD
19. Plug Back T.D.: MD 12294 TVD
20. Depth Bridge Plug Set: MD 12330 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NA

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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
14.750	13.375 K-55	61.0		595	595	515		0	
11.750	9.625 K-55	36.0		5200	5200	300		0	
8.750	7.000 P-110	26.0		13300	13300	1175		4626	
17.500	13.370 K-55	61.0	0	595		515		0	
12.250	9.625 K-55	40.0	0	5228		2475		0	
8.750	7.000 P-110	26.0	0	13300		1175			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	9077	8692	2.875	12975	12975			

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DELAWARE	8970	8990	8970 TO 8990	47.000	41	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
8970 TO 8990	AT W/2500 GAL 7-1/2% FERCEK; FT W/40,348 GAL 20# D

ACCEPTED FOR RECORD
NOV 25 2001
GARY GOURLEY
PETROLEUM ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/20/2001	10/01/2001	24	→	15.0	0.0	22.0			ELECTRIC PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	200	70.0	→					POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #7946 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	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 Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

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

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
MORROW	14420	14426		DELAWARE	5295
MORROW	14942	15018		CHERRY CANYON	6274
				BONE SPRING	9186
				WOLFCAMP	12300
				STRAWN	13606
				ATOKA	13746
				MORROW	14136

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

RECEIVED
OCT - 1 AM
Hobbs
OCD

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

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

Electronic Submission #7946 Verified by the BLM Well Information System.
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by Armando Lopez on 10/15/2001 (02AL0003SE)

Name *(please print)* BEV HATFIELD Title AUTHORIZED SIGNATURE

Signature (Electronic Submission) Date 10/13/2001

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #7946 that would not fit on the form

23. Casing and Liner Record, continued

Hole Size	Size/Grade	Wt.(#/ft.)	Top(MD)	Btm(MD)	Stg Cmntr	Sx,Type Cmnt	Slurry Vol	Cement Top	Amt Pulle
6.125	4.500 P-110	15.1	12975	15160		425