Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

MAY 25 2011

***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

RECEIVED

***SUBMIT IN TRIPLICATE*** - *Other instructions on page 2*

CONFIDENTIAL

5. Lease Serial No.
NM124212 SHL; NM108503 BHL

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Vaca 14 Fed Com 5H

2. Name of Operator
EOG Resources Inc.

9. API Well No.
30-025-39944

3a. Address
P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (*include area code*)
432-686-3689

10. Field and Pool, or Exploratory Area
Red Hills; Bone Spring

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
50' FNL & 330' FWL, U/L D (SHL)
363' FSL & 529' FWL, U/L M (BHL)
Sec 14, T25S, R33E

11. County or Parish, State
Lea NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| [ ] Notice of Intent | [ ] Acidize | [ ] Deepen | [ ] Production (Start/Resume) | [ ] Water Shut-Off |
| [X] Subsequent Report | [ ] Alter Casing | [ ] Fracture Treat | [ ] Reclamation | [ ] Well Integrity |
| [ ] Final Abandonment Notice | [ ] Casing Repair | [ ] New Construction | [ ] Recomplete | [X] Other Completion |
| | [ ] Change Plans | [ ] Plug and Abandon | [ ] Temporarily Abandon | |
| | [ ] Convert to Injection | [ ] Plug Back | [ ] Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

1/12/11 MIRU, prep for frac.
1/13/11 Ran CBL, TOC @ 4050'.
1/18/11 Perforate 13767' to 13991', 0.45", 54 holes. Shut-in waiting on frac.
3/28/11 MIRU, begin 13 stage frac.
4/01/11 Finish 13 stage frac. Perforated from 9735' to 13991', 0.45", 702 total holes. Frac w/ 81 Mgals 15% HCl acid, 1248 Mgals XL gel, 1331900 lbs 100 mesh sand, 1942190 lbs 40/70 sand, 78666 bbls total load.
4/04/11 RIH to drill out frac plugs and clean out.
4/08/11 Finish drilling plugs and clean out.
4/09/11 RIH w/ 2-7/8" production tubing set at 9089'.
4/10/11 Turned to sales.

ACCEPTED FOR RECORD
MAY 17 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*) Stan Wagner
Title Regulatory Analyst
Signature
Date 4/20/11

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by
Title
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

AUG 10 2011

## Vaca 14 Fed Com #5H

| Stage | Cluster MD | Distance Between Clusters | # Perfs | Avg Pressure (psi) | Max Pressure (psi) | ISIP (psi) | FG (psi/ft) | 15% HCL Gallons | Frac Clean Gallons | Slick Water Gallons | Linear Gel Gallons | XL Gel Gallons | Slurry Vol Gals | Pumpdown Vol gals | Total Clean Vol (Mgals) | Prop Total Lbs | 100 Mesh | 40/70 Brady | Max Sand PPA | lbs / Cluster | gals / Cluster | #/Ft Lateral |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13,991 | 9 | 18 | 5861 | 7878 | 2636 | 0.71 | 3,150 | 205,536 | 116,412 | 72,912 | 13,062 | 217,224 | 0 | 205,536 | 253,059 | 98,930 | 154,129 | 3.0 | 84,353 | 68,512 | 1,130 |
| | 13,879 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 13,767 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 2 | 13,655 | 112 | 18 | 5684 | 7880 | 2649 | 0.71 | 6,678 | 216,210 | 126,126 | 70,050 | 13,356 | 227,808 | 13,020 | 229,230 | 248,651 | 99,384 | 149,267 | 3.0 | 82,884 | 72,070 | 1,110 |
| | 13,543 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 13,431 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 3 | 13,319 | 112 | 18 | 5378 | 7564 | 2498 | 0.70 | 6,468 | 224,196 | 132,174 | 71,358 | 14,196 | 236,082 | 16,590 | 240,786 | 250,369 | 97,617 | 152,752 | 4.0 | 83,456 | 74,732 | 1,118 |
| | 13,207 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 13,095 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 4 | 12,983 | 112 | 18 | 5558 | 7121 | 2389 | 0.69 | 6,468 | 214,872 | 116,508 | 69,678 | 13,650 | 226,884 | 11,340 | 226,212 | 251,695 | 99,969 | 151,726 | 3.0 | 83,898 | 71,624 | 1,124 |
| | 12,871 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 12,759 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 5 | 12,647 | 112 | 18 | 5552 | 8453 | 2417 | 0.69 | 6,342 | 233,142 | 113,232 | 19,698 | 24,234 | 246,582 | 19,698 | 252,840 | 282,593 | 100,287 | 182,306 | 3.0 | 94,198 | 77,714 | 1,262 |
| | 12,535 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 12,423 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 6 | 12,311 | 112 | 18 | 5676 | 7704 | 2880 | 0.74 | 6,300 | 228,144 | 122,136 | 11,256 | 18,312 | 240,576 | 11,256 | 239,400 | 261,287 | 100,629 | 160,658 | 3.0 | 87,096 | 76,048 | 1,166 |
| | 12,199 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 12,087 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 7 | 11,975 | 112 | 18 | 5119 | 6920 | 2656 | 0.72 | 6,384 | 212,562 | 111,888 | 10,626 | 13,818 | 224,616 | 10,626 | 223,188 | 250,944 | 99,601 | 151,343 | 3.0 | 83,648 | 70,854 | 1,120 |
| | 11,863 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 11,751 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 8 | 11,639 | 112 | 18 | 5640 | 7412 | 2975 | 0.75 | 6,300 | 219,366 | 116,802 | 9,702 | 16,002 | 231,504 | 8,677 | 228,043 | 258,266 | 101,486 | 156,780 | 3.0 | 86,089 | 73,122 | 1,153 |
| | 11,527 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 11,415 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 9 | 11,303 | 112 | 18 | 4847 | 7314 | 2938 | 0.75 | 6,300 | 206,262 | 112,476 | 10,206 | 13,818 | 234,948 | 10,206 | 216,468 | 237,691 | 96,767 | 140,924 | 3.0 | 79,230 | 68,754 | 1,061 |
| | 11,191 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 11,079 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 10 | 10,967 | 112 | 18 | 4636 | 6115 | 2638 | 0.71 | 6,720 | 199,122 | 115,080 | 10,500 | 4,200 | 224,280 | 14,910 | 214,032 | 207,966 | 100,266 | 107,700 | 3.0 | 69,322 | 66,374 | 928 |
| | 10,855 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 10,743 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| 11 | 10,631 | 112 | 18 | 4608 | 7471 | 2468 | 0.70 | 6,300 | 245,406 | 128,352 | 13,566 | 14,910 | 259,098 | 13,566 | 258,972 | 287,183 | 107,363 | 179,820 | 3.0 | 95,728 | 81,802 | 1,282 |
| | 10,519 | 112 | 18 | | | | | | | | | | | | | | | | | | | |
| | 10,407 | 112 | 18 | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 10,295<br>10,183<br>10,071 | 112<br>112<br>112 | 18<br>18<br>18 | 5100 | 7156 | 2677 | 0.72 | 6,300 | 353,724 | 0 | 184,212 | 94,248 | 372,036 | 19,698 | 373,422 | 462,645 | 163,088 | 299,557 | 3.0 | 154,215 | 117,908 | 2,065 |
| 13 | 9,959<br>9,847<br>9,735 | 112<br>112<br>112 | 18<br>18<br>18 | 4439 | 6493 | 2982 | 0.75 | 7,476 | 429,078 | 188,452 | 88,964 | 11,382 | 447,384 | 18,522 | 447,600 | 394,397 | 162,336 | 232,061 | 3.0 | 131,466 | 143,026 | 1,761 |
| 14 | | 0<br>0<br>0<br>0 | | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | #DIV/0! |
| 15 | | 0<br>0<br>0<br>0 | | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | #DIV/0! |
| 16 | | 0<br>0<br>0<br>0 | | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | #DIV/0! |
| 17 | | 0<br>0<br>0<br>0 | | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | #DIV/0! |
| 18 | | 0<br>0<br>0<br>0 | | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | #DIV/0! |

Totals

| | | | | | |
|---|---|---|---|---|---|
| Water | 3187620 Mgals | Prop | 36467 Mlbs | # Clusters | 39 |
| SW | 1499638 Mgals | 100 Mesh | 14277 Mlbs | # Perfs | 702 |
| LG | 642728 Mgals | 40/70 | 22190 Mlbs | | |
| XLG | 265188 Mgals | | | | |
| 15% HCl | 81 Mgals | | | | |
| Pumpdown | 168109 Mgals | | | | |
| Total Load | 2575744 Mgals | | | | |