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

HOBBS OCD
AUG 15 2016
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State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702	7377
	[3] Reason for Filing Code/ Effective Date NW 07/2016

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 0 25-42815	WC-025 G-09 S263327G; Upper Wolfcamp	98097

[7] Property Code	[8] Property Name	[9] Well Number
315282	Thor 21 Fed Com	703H

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
O	21	26S	33E		170	South	1640	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
B	21	26S	33E		209	North	1625	East	Lea

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	Flowing	7/18/16			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
7377	EOG Resources, Inc.	Oil
7377	EOG Resources, Inc.	Gas

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
4/05/16	7/18/16	17309M - 12413V	17286	12875 - 17178'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
14-3/4	10-3/4	960	552 C
9-7/8	7-5/8	11212	1507 C, 450 H
6-3/4	5-1/2	17286	453 C, 510 H

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
7/18/16	7/18/16	8/1/16	24	677	539
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
Open	1832	3425	3355		Flowing

[42] 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: Stan Wagner

Printed name: Stan Wagner

Title: Regulatory Specialist

E-mail Address:

Date: 8/11/16

Phone: 432-686-3689

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 08/19/16

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
AUG 15 2016
RECEIVED

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM02965A

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
THOR 21 FED COM 703H

2. Name of Operator
EOG RESOURCES, INC.
Contact: STAN WAGNER
E-Mail: stan_wagner@eogresources.com

9. API Well No.
30-025-42815

3a. Address
P.O. BOX 2267
MIDLAND, TX 79702

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

10. Field and Pool, or Exploratory
WC-025 G263327G UPPER WC

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 21 T26S R33E SWSE 170FSL 1640FEL

11. County or Parish, and State
LEA COUNTY, 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
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Production Start-up
	☐ 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 site is ready for final inspection.)

5/25/16 Prep well fro completion. Perform pre-frac casing test to a max pressure of 11502' psi.
6/15/16 MIRU for completion. Begin 20 stage completion.
6/20/16 Finish perforating and frac.
Perforated from 12875' to 17178', 0.35", 1422 holes.
Frac w/ 480 bbls acid, 12,980,920 lbs proppant, 316,758 bbls load water.
6/21/16 RIH to drill out plugs and clean out well.
6/22/16 Finish drill and clean out.
6/25/16 RIH w/ 2-7/8" production tubing, 5-1/2" packer, and gas lift assembly.
Packer set at 12005'. EOT at 12033'. Shut well in.
7/18/16 Opened well for flowback.
First hydrocarbon sales.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #345175 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Hobbs

Name *(Printed/Typed)* STAN WAGNER — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 07/20/2016

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, 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Form 3160-4
(March 2012)

HOBBS OCD
AUG 15 2016
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM02965A

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.

2. Name of Operator: EOG Resources, Inc.

8. Lease Name and Well No.: Thor 21 Fed Com 703H

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

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

9. API Well No.: 30-025-42815

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 170' FSL & 1640' FEL, SWSE, 21-26S-33E

10. Field and Pool or Exploratory: WC-025 G-09 S263327G; Upper WC

11. Sec., T., R., M., on Block and Survey or Area: 21-T26S-R33E

At top prod. interval reported below

At total depth: 209' FNL & 1625' FEL, NWNE, 21-26S-33E

12. County or Parish: Lea

13. State: NM

14. Date Spudded: 04/05/2016

15. Date T.D. Reached: 04/27/2016

16. Date Completed: ☐ D & A ☑ Ready to Prod. 07/18/2016

17. Elevations (DF, RKB, RT, GL)*: 3256' GL

18. Total Depth: MD 17309 TVD 12413

19. Plug Back T.D.: MD 17178 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
None

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
14-3/4	10-3/4	40.5	0	960		552 C		Surface	
9-7/8	7-5/8	29.7	0	11212		1507 C, 450 H*		720'	
8-3/4	5-1/2	23.0	0	17286		453 C, 510 H		Surface	

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	12033	12005						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	12176		12875 - 17178	0.35"	1422	producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12875 - 17178	480 bbls acid, 12,980,920 lbs proppant, 316,758 bbls load water

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
7/18/16	8/1/16	24	→	1832	3355	3425	45.0		Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
Open	677	539	→				1831	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 page 2)

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 *(Solid, 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	791		Anhydrite	Rustler	791
Top of Salt	1131		Salt	Lamar	4996
Base of Salt		4766	Salt	Bell Canyon	5031
Lamar	4996		Limestone	Cherry Canyon	6046
Bell Canyon	5031		Sandstone	Brushy Canyon	7686
Cherry Canyon	6046		Sandstone	Bone Spring lime	9196
Brushy Canyon	7686		Sandstone	1st BS Sand	10121
Bone Spring Lime	9196		Limestone	2nd BS Sand	10631
1st Bone Spring Sand	10121		Sandstone	3rd BS Sand	11761
2nd Bone Spring Sand	10631		Sandstone	Wolfcamp	12176
3rd Bone Spring Sand	11761		Sandstone		
Wolfcamp	12176		Shale		

32. Additional remarks (include plugging procedure):

* Bradenhead intermediate squeeze w/ 2000 sx Lucem cement. ran CBL, ETOC at 720'.

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 Wagner Title Regulatory Specialist

Signature Stan Wagner Date 8/11/16

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.

(Continued on page 3)