

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
Submit one copy to appropriate District Office
AUG 12 2019
DISTRICT ARTESIA O.C.D.
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG Resources, Inc. 104 South Fourth Street Artesia, NM 88210		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015 - 45661	⁵ Pool Name Loco Hills; Glorieta-Yeso	⁶ Pool Code 96718
⁷ Property Code 324919	⁸ Property Name Kirk Federal Com	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. E	Section 12	Township 17S	Range 30E	Lot Idn	Feet from the 2049	North/South Line North	Feet from the 572	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. H	Section 12	Township 17S	Range 30E	Lot Idn	Feet from the 1307	North/South line North	Feet from the 111	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/14/19	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
36785	DCP Operating Company, LP 5718 Westheimer Road, Suite 1900 Houston, TX 77057	G
015694	Holly Frontier & Marketing Company 10 Desta Drive, Suite 350W Midland, TX 79702	O

IV. Well Completion Data

²¹ Spud Date RH 2/13/19 RT 2/16/19	²² Ready Date 6/13/19 6/14/19	²³ TD 9250' TVD 4912	²⁴ PBTD 9048'	²⁵ Perforations 5504'-9024'	²⁶ DHC, MC
²⁷ Hole Size 30"	²⁸ Casing & Tubing Size 20" Conductor	²⁹ Depth Set 118'	³⁰ Sacks Cement Redi-mix with 14 yds to surface		
17-1/2"	13-3/8"	426'	1230 sx (circ)		
12-1/4"	9-5/8"	3495'	1715 sx (circ)		
8-3/4"	7" x 5-1/2"	9045'	1110 sx		
	3-1/2"	4281'			

* V. Well Test Data

³¹ Date New Oil 6/14/19	³² Gas Delivery Date 6/14/19	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

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: <i>Tina Huerta</i>		OIL CONSERVATION DIVISION Approved by: <i>Raymond H. Rodany</i> Title: <i>Geologist</i> Approval Date: <i>9-17-19</i>	
Printed name: Tina Huerta Title: Regulatory Specialist E-mail Address: tina_huerta@eogresources.com Date: August 12, 2019		Phone: 575-748-1471	

* Please provide V. Well Test Data when available. Pending BLM approvals will subsequently be reviewed and scanned.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AUG 12 2019
DISTRICT II-ARTESIA O.C.D.

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45661	² Pool Code 96718	³ Pool Name Loco Hills; Glorieta-Yeso
⁴ Property Code 324919	⁵ Property Name Kirk Federal Com	⁶ Well Number 2H
⁷ OGRID No. 7377	⁸ Operator Name EOG Resources, Inc.	⁹ Elevation 3745'GL

¹⁰ Surface Location

UL or lot no. E	Section 12	Township 17S	Range 30E	Lot Idn	Feet from the 2049	North/South line North	Feet from the 572	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. H	Section 12	Township 17S	Range 30E	Lot Idn	Feet from the 1307	North/South line North	Feet from the 111	East/West line East	County Eddy
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¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ N. hole 572'W SW 4					¹⁷ 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. Signature <u>Tina Huerta</u> Date August 12, 2019 Tina Huerta Printed Name tina_huerta@eogresources.com E-mail Address

RW 9-17-19

RECEIVED

AUG 1 2 2019

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMLC029338B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator EOG RESOURCES INC. Contact: TINA HUERTA E-Mail: tina_huerta@eogresources.com			8. Lease Name and Well No. KIRK FEDERAL COM 2H		
3. Address 104 SOUTH FOURTH STREET ARTESIA, NM 88210			9. API Well No. 30-015-45661		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 2049FNL 572FWL At top prod interval reported below SWNW 2049FNL 572FWL At total depth SENE 1307FNL 111FEL			10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA-YESO		
14. Date Spudded 02/13/2019			15. Date T.D. Reached 03/26/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/13/2019			17. Elevations (DF, KB, RT, GL)* 3745 GL		
18. Total Depth: MD 9250 TVD 4912			19. Plug Back T.D.: MD 9048 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
2 17.500	13.375 J-55	54.5	0	426		C 1230		0	
3 12.250	9.625 HCK-55	40.0	0	3495		C 1715		0	
4 8.750	7.000 L-80	29.0	0	5062		C 1110		354	
4 8.750	5.500 L-80	17.0	5062	9045		1110		354	
1 30	CONDUCTOR 20			118					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	4281	✓						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5504	9024	5504 TO 9024			PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5504 TO 9024	ACIDIZED W/41,285G 20 PERCENT HCL, FRAC W/A TOTAL OF 4,631,136LBS SAND AND 105,339 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
06/14/2019	07/04/2019	24	→	362.0	372.0	915.0			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	
			→	362	372	915		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		
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #477550 VERIFIED BY THE BLM WELL INFORMATION
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTEDPending BLM approvals will
subsequently be reviewed and
scanned.

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.)
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
TOS	533	1310		TOS	533
BOS	1311	1338		BOS	1311
TANSILL	1339	1483		TANSILL	1339
YATES	1484	1759		YATES	1484
SEVEN RIVERS	1760	2351		SEVEN RIVERS	1760
QUEEN	2352	2765		QUEEN	2352
GRAYBURG	2766	3093		GRAYBURG	2766
SAN ANDRES	3094	4542		SAN ANDRES	3094

32. Additional remarks (include plugging procedure):

51. Summary of Porous Zones (continued)

Glorieta 4543 ft - 4606 ft
Yeso 4607 ft - 9250 ft

52. Formation (continued)

Glorieta 4543 ft

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 #477550 Verified by the BLM Well Information System.
For EOG RESOURCES INC., sent to the Carlsbad

Name (please print) TINA HUERTA

Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission)

Date 08/12/2019

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #477550 that would not fit on the form

32. Additional remarks, continued

Yeso 4607 ft

Survey attached. CBL mailed to Carlsbad BLM and NMOCD-Artesia on 8/12/19.