

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM2748

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** Contact: **TINA HUERTA**  
 E-Mail: **tina\_huerta@eogresources.com**

8. Lease Name and Well No.  
**KIRK FEDERAL COM 1H**

3. Address **1111 BAGBY SKY LOBBY2** 3a. Phone No. (include area code)  
**HOUSTON, TX 77002** Ph: **575-748-4168**

9. API Well No.  
**30-015-45660-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **SWNW 2079FNL 572FWL 32.850571 N Lat, 103.932121 W Lon**  
 At top prod interval reported below **SWNW 2079FNL 572FWL**  
 At total depth **SENE 2104FNL 112FEL**

10. Field and Pool, or Exploratory  
**LOCO HILLS-GLORIETA-YESO**

11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 12 T17S R30E Mer NMP**

12. County or Parish  
**EDDY** 13. State  
**NM**

14. Date Spudded  
**02/13/2019** 15. Date T.D. Reached  
**04/04/2019** 16. Date Completed  
 D & A  Ready to Prod.  
**06/05/2019**

17. Elevations (DF, KB, RT, GL)\*  
**3766 GL**

18. Total Depth: **MD 9139** 19. Plug Back T.D.: **MD 9130** 20. Depth Bridge Plug Set: **MD 9130**  
**TVD** **TVD** **TVD**

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	426		940		0	
12.250	9.625 J-55	40.0	0	3513		1380		0	
8.750	7.000 L-80	29.0	0	5004		1030		283	
8.750	5.500 J-55	17.0	5004	9139		1030		283	

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	4593							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5414 TO 9126			PRODUCING
B) YESO	5414	9126				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5414 TO 9126	ACIDIZED W/33.237G 20 PERCENT HCL, FRAC W/A TOTAL OF 4,879,636LBS SAND AND 111,626 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
06/06/2019	06/06/2020	24	→	517.0	64.0	1200.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	115	109.0	→	517	64	1200	124	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
06/06/2019	06/29/2019	24	→	517.0	644.0	1200.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	115	109.0	→	517	644	1200		POW	

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

ELECTRONIC SUBMISSION #474775 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM 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.)  
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
TOP SALT	523	1307		TOP SALT	523
BASE OF SALT	1308	1319		BASE OF SALT	1308
TANSILL	1320	1464		TANSILL	1320
YATES	1465	1744		YATES	1465
SEVEN RIVERS	1745	2334		SEVEN RIVERS	1745
QUEEN	2335	2741		QUEEN	2335
GRAYBURG	2742	3053		GRAYBURG	2742
SAN ANDRES	3054	4530		SAN ANDRES	3054

32. Additional remarks (include plugging procedure):

51. Summary of Porous Zones (continued)

Glorieta 4531 ft - 4587 ft  
Yeso 4588 ft - 9139 ft

52. Formation (continued)

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 #474775 Verified by the BLM Well Information System.  
For EOG RESOURCES INC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 11/18/2019 (20DMH0010SE)**

Name (please print) TINA HUERTA Title REGULATORY SPECIALIST

Signature \_\_\_\_\_ (Electronic Submission) Date 07/23/2019

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.

**Additional data for transaction #474775 that would not fit on the form**

**32. Additional remarks, continued**

Glorieta 4531 ft  
Yeso 4588 ft

Survey attached. CBL mailed to Carlsbad BLM and NMOCD-Artesia on 7/23/19.

## Revisions to Operator-Submitted EC Data for Well Completion #474775

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMLC029338B	NMNM2748
Agreement:		
Operator:	EOG RESOURCES INC. 104 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-1471	EOG RESOURCES INC 1111 BAGBY SKY LOBBY2 HOUSTON, TX 77002 Ph: 7136517000
Admin Contact:	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168
Tech Contact:	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168
Well Name: Number:	KIRK FEDERAL COM 1H	KIRK FEDERAL COM 1H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 12 T17S R30E Mer SWNW 2079FNL 572FWL	NM EDDY Sec 12 T17S R30E Mer NMP SWNW 2079FNL 572FWL 32.850571 N Lat, 103.932121 W Lon
Field/Pool:	LOCO HILLS; GLORIETA-YESO	LOCO HILLS-GLORIETA-YESO
Logs Run:	CBL	CBL
Producing Intervals - Formations:	YESO	GLORIETA YESO YESO
Porous Zones:	TOS BOS TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	TOP SALT BASE OF SALT TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES
Markers:	TOS BOS TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	TOP SALT BASE OF SALT TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES