

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
Operator

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

FEB 21 2020

**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.*

**EMMRD-OCD ARTESIA**

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM2748	
2. Name of Operator EOG RESOURCES INC		6. If Indian, Allottee or Tribe Name	
3a. Address 1111 BAGBY SKY LOBBY2 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 575-748-4168		8. Well Name and No. KIRK FEDERAL COM 3H	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T17S R30E NWNW 1276FNL 678FWL 32.852722 N Lat, 103.931938 W Lon		9. API Well No. 30-015-45862-00-X1	
		10. Field and Pool or Exploratory Area LOCO HILLS-GLORIETA-YESO	
		11. County or Parish, State EDDY COUNTY, NM	

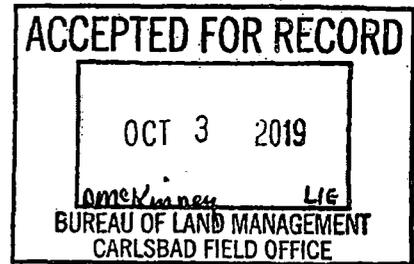
**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Notice of H2S encountered.

Attached is the ROE and Gas Analysis reports.  
Operations have relayed there are no public facilities/roads with ROE.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #485523 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/30/2019 (19DLM0695SE)

Name (Printed/Typed) TINA HUERTA	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 09/27/2019

**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.



**H2S RADIUS OF EXPOSURE**  
**EOG Resources INC.**

**Kirk #3H**

H2S Concentration - PPM – 300

MCF/Day – 509

500 PPM Radius of Exposure – 14ft.

100 PPM Radius of Exposure - 31ft.

Created by Safety Consultant Nicholas Hughes on August 28, 2019

**Inficon Micro GC Fusion F08904 R03RR2**

Sample Information	
Sample Name	EOG_Kirk 3H_GC2-8219-04
Station Number	ART80204
Lease Name	Kirk 3H
Analysis For	EOG Resources
Producer	EOG Resources
Field Name	Loco Hills
County/State	Eddy, NM
Frequency/Spot Sample	Spot
Sampling Method	Fill Empty
Sample Deg F	85
Atmos Deg F	N/A
Flow Rate	900
Line PSIG	58.9
Date/Time Sampled	7-29-19
Cylinder Number	N/A
Cylinder Clean Date	N/A
Sampled By	George Flores
Analysis By	Pat Silvas
Verified/Calibration Date	7-29-19
Report Date	2019-08-02 08:40:05

**Component Results**

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	23.080	53770.0	3.93682	39368.200	0.000
H2S	0.000	0.0	0.00000	0.000	0.000
Methane	23.860	778495.1	74.42422	744242.200	0.000
Carbon Dioxide	27.900	6059.5	0.37554	3755.400	0.000
Ethane	36.960	200538.5	11.64186	116418.600	3.124
Propane	77.140	130298.4	5.74474	57447.400	1.588
i-butane	28.700	52255.0	0.66919	6691.900	0.220
n-Butane	30.200	135246.4	1.65831	16583.100	0.525
i-pentane	34.760	37248.2	0.38185	3818.500	0.140
n-Pentane	36.500	38219.8	0.37901	3790.100	0.138
Hexanes Plus	120.000	86694.0	0.78846	7884.600	0.343
Total:			100.00000	1000000.000	6.078

**Results Summary**

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	103.04823	
Pressure Base (psia)	14.730	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1251.9	1230.1
Gross Heating Value (BTU / Real cu.ft.)	1256.6	1235.2
Relative Density (G), Ideal	0.7554	0.7531
Relative Density (G), Real	0.7579	0.7558
Compressibility (Z) Factor	0.9963	0.9959