

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
Operator

FEB 21 2020

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

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.

EMMRO-OCDA RTESIA

5. Lease Serial No.
NMNM2748

Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on page 2

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
KIRK FEDERAL COM 2H

2. Name of Operator
EOG RESOURCES INC

Contact: TINA HUERTA
E-Mail: tina_huerta@eogresources.com

9. API Well No.
30-015-45661-00-X1

3a. Address
1111 BAGBY SKY LOBBY2
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 575-748-4168

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 12 T17S R30E SWNW 2049FNL 572FWL
32.850655 N Lat, 103.932121 W Lon

11. County or Parish, State
EDDY COUNTY, NM

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

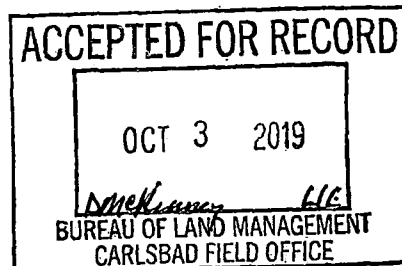
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 recompleat 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 recompleat 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.

GC 2/24/20
Accepted for record - MMOCD



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

Electronic Submission #485519 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 (19DLM0694SE)

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****



H2S RADIUS OF EXPOSURE

EOG Resources INC.

Kirk #2H

H2S Concentration - PPM - 300 ✓

MCF/Day - 596

500 PPM Radius of Exposure - 16ft.

100 PPM Radius of Exposure - 34ft.

Created by Safety Consultant Nicholas Hughes on August 29, 2019

Inficon Micro GC Fusion F08904 R03RR2

Sample Information	
Sample Name	EOG_Kirk 2H_GC1-8219-05
Station Number	ART80203
Lease Name	Kirk 2H
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	81
Atmos Deg F	N/A
Flow Rate	N/A
Line PSIG	56
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 08:49:10

Component Results

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	22.760	21797.2	4.34051	43405.100	0.000
H2S	46.000	0.0	0.00000	0.000	0.000
Methane	23.560	285810.3	73.18231	731823.100	0.000
Carbon Dioxide	27.740	2401.2	0.40065	4008.500	0.000
Ethane	37.020	81932.5	12.54562	125456.200	3.367
Propane	78.400	52452.7	5.98334	59833.400	1.654
i-butane	28.820	43856.5	0.65038	6503.800	0.214
n-Butane	30.400	113009.2	1.61472	16147.200	0.511
i-pentane	35.460	29722.5	0.36028	3602.800	0.132
n-Pentane	37.540	31216.8	0.36832	3683.200	0.134
Hexanes Plus	120.000	47897.0	0.55387	5538.700	0.241
Total:			100.00000	1000000.000	6.252

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	98.84246	
Pressure Base (psia)	14.730	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1246.0	1224.3
Gross Heating Value (BTU / Real cu.ft.)	1250.6	1229.3
Relative Density (G), Ideal	0.7562	0.7539
Relative Density (G), Real	0.7587	0.7566
Compressibility (Z) Factor	0.9963	0.9959