

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

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: December 5, 2018

☒ Original

Operator & OGRID No.: EOG Resources, Inc. 7377

☐ Amended - Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
Data Federal 1H	30-015-46668	11-17S-30E	1289' FNL 651' FEL	500	0	
Data Federal 2H		11-17S-30E	1249' FNL 653' FEL	500	0	
Data Federal 3H		11-17S-30E	1209' FNL 654' FEL	500	0	
Bones Federal 4H		11-17S-30E	1284' FNL 501' FEL	500	0	
Bones Federal 5H		11-17S-30E	1244' FNL 503' FEL	500	0	
Bones Federal 6H		11-17S-30E	1204' FNL 504' FEL	500	0	
Mr. Scott Federal Com 1H		12-17S-30E	1567' FSL 2401' FEL	500	0	
La Forge Federal Com 2H		12-17S-30E	1591' FSL 2832' FEL	500	0	

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to DCP Midstream and will be connected to DCP Midstream low pressure gathering system located in Eddy County, New Mexico. It will require 27' of pipeline to connect the facility to low/high pressure gathering system. EOG provides (periodically) to DCP Midstream a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, EOG and DCP Midstream have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at DCP Midstream Processing Plant located in New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on DCP Midstream system at that time. Based on current information, it is EOG's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Intent ☒ As Drilled ☐

API #

Operator Name: EOG Resources, Inc.	Property Name: Data Federal	Well Number 1H
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Kick Off Point (KOP)

UL A	Section 11	Township 17S	Range 30E	Lot	Feet 1289	From N/S North	Feet 651	From E/W East	County Eddy
Latitude 32.8527403					Longitude -103.9361057			NAD 83	

First Take Point (FTP)

UL G	Section 11	Township 17S	Range 30E	Lot	Feet 2100	From N/S North	Feet 1419	From E/W East	County Eddy
Latitude 32.8505053					Longitude -103.9386094			NAD 83	

Last Take Point (LTP)

UL E	Section 11	Township 17S	Range 30E	Lot	Feet 2100	From N/S North	Feet 100	From E/W West	County Eddy
Latitude 32.8504923					Longitude -103.9508486			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number
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KZ 06/29/2018