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 RECEIVED Energy, Minerals and Natural Resources Department

Submit Original to Appropriate District Office

Oil Conservation Division JAN 0 8 2020

1220 South St. Francisco NRD-OCD ARTESIA

Santa Fe. NM 87505

Date: 9/13/18	GAS CAPTURE PLAN	
☑ Original☐ Amended - Reason for Amendment:	Operator & OGRID No.:	EOG Resources, Inc. 7377
This Gas Capture Plan outlines actions to b	e taken by the Operator to reduce	e well/production facility flaring/venting for

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.

new completion (new drill, recomplete to new zone, re-frac) activity.

Well Name	API	Well Location	Footages	Expected	Flared or	Comments
		(ULSTR)		MCF/D	Vented	
Barb Federal Com 3H		P-18-19S-25E	973' FSL & 560' FEL	500	0	
Barb Federal Com 4H	,	P-18-19S-25E	943' FNL &	500	0	
			560' EET			

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 not dedicated to Lucid Energy and will be connected to Lucid Energy and will be connected to Lucid Energy and will be connected to Lucid Energy and will be connected to Lucid Energy and will require 2800 of pipeline to connect the facility to low/high pressure gathering system. EOG Resources, Inc. provides (periodically) to Lucid Energy addition, EOG Resources, Inc. and Lucid Energy have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at Lucid Energy Processing Plant located in Sec. 26, Twn. 18S, Rng. 25E, Eddy County, 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 <u>Gas Transporter</u> system at that time. Based on current information, it is <u>Operator's</u> 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

- O Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal On lease

HAR O JULI

January Communication (1997)

O Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

X	As Dril	led											
Operator Name:						Property Name:						Well Number	
EOG Resources, Inc.						Barb Federal Co						4H	
ff Point ((KOP)												
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KZ 06/29/2018