

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: 07/14/2017

☒ Original  
☐ Amended - Reason for Amendment:

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

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-429 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection 1 of 19.15 N.S. 12 N.M.A.C.).

### 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 (U I STR)	Footages	Expected MCF/D	Flared or Vented	Comments
Casey Jones 16 Fed Com 70411	30-015-4** <b>44701</b>	N-16-26S-30E	260 ISL & 2035 FWI	±3000	None Planned	+ APD Submission +

### 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 **Enterprise Field Services** and will be connected to **EOG Resources** low/high pressure gathering system located in Eddy/Lea County, New Mexico. **EOG Resources** provides (periodically) to **Enterprise Field Services** a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, **EOG Resources** and **Enterprise Field Services** have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at **Enterprise Field Services** Processing Plant located in **Lea** 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 **Enterprise Field Services** system at that time. Based on current information, it is **EOG Resources'** 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
- NGI Removal – On lease  
Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

**APD ID:** 10400013563**Submission Date:** 05/05/2017Highlighted data  
reflects the most  
recent changes**Operator Name:** EOG RESOURCES INCORPORATED**Well Name:** CASEY JONES 16 FED COM**Well Number:** 704H[Show Final Text](#)**Well Type:** OIL WELL**Well Work Type:** Drill

## Section 1 - Existing Roads

**Will existing roads be used?** YES**Existing Road Map:**

CASEYJONES16FC704H\_vicinity\_05-05-2017.pdf

**Existing Road Purpose:** ACCESS,FLUID TRANSPORT**Row(s) Exist?** NO

### ROW ID(s)

**ID:****Do the existing roads need to be improved?** NO**Existing Road Improvement Description:****Existing Road Improvement Attachment:**

## Section 2 - New or Reconstructed Access Roads

**Will new roads be needed?** YES**New Road Map:**

Casey\_Jones\_16\_Fed\_Com\_infrastructure\_05-05-2017.pdf

CASEYJONES16FC704H\_padsite\_05-05-2017.pdf

CASEYJONES16FC704H\_wellsite\_05-05-2017.pdf

**New road type:** RESOURCE**Length:** 361

Feet

**Width (ft.):** 24**Max slope (%):** 2**Max grade (%):** 20**Army Corp of Engineers (ACOE) permit required?** NO**ACOE Permit Number(s):****New road travel width:** 24

**New road access erosion control:** Newly constructed or reconstructed roads will be constructed as outlined in the BLM "Gold Book" and to meet the standards of the anticipated traffic flow and all anticipated weather requirements as needed. Construction will include ditching, draining, crowning and capping or sloping and dipping the roadbed as necessary to provide a well-constructed and safe road. We plan to grade and water twice a year.

**New road access plan or profile prepared?** NO