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1220 S. St. Francis Dr., Santa Fe, NM 87505

## NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 08 2016

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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

### Accepted For Record GAS CAPTURE PLAN

NMOCD

☒ Original

☐ Amended

Reason for Amendment: \_\_\_\_\_

Operator & OGRID No.: 260737

Date: 08/05/16

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: A C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule 19.15.18.12.A*

#### 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
Big Eddy Unit DI4 269H	30-015-42638	05-T20S-R31E	660 FNL 2100 FEL		Flared	
Big Eddy Unit DI4 271H	30-015-42652	05-T20S-R31E	358 FNL 2078 FEL		Flared	

#### Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete. The gas produced from production facility will be connected to Enterprise Field Services' low/high pressure gathering system located in Eddy County, New Mexico. It will require 0' of pipeline to connect the facility to low/high pressure gathering system. BOPCO, LP 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, BOPCO, LP 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 Sec.17, TWN 19S, RNG 31E, 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 Enterprise Field Services' system at that time. Based on current information, it is BOPCO LP'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.

- This gas will be connected to a sales pipeline upon completion
- 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