

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

Submit Original  
to Appropriate  
District Office

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**HOBBS OCD**

JUL 24 2017

**GAS CAPTURE PLAN**

Date: 6/9/17

**RECEIVED**

Original

Operator & OGRID No.: BTA Oil Producers, LLC OGRID # 260297

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, recomplete 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
<u>30-015-44339</u> Ogden 20509 32-29 Fed com #5H	NA	F-32-23S-28E	2472' FNL 1357' FWL	900	0	NA
<u>30-015-44340</u> Ogden 20509 32-29 Fed com #6H	NA	E-32-23S-28E	2472' FNL 1327' FWL	900	0	NA
<u>30-015-44341</u> Ogden 20509 32-29 Fed com #7H	NA	L-32-23S-28E	2440' FSL 330' FWL	900	0	NA

**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 Sendero Midstream and will be connected to Sendero Midstream low pressure gathering system located in Eddy County, New Mexico. It will require ~4250' of pipeline to connect the facility to low pressure gathering system. BTA Oil Producers, LLC provides (periodically) to Sendero Midstream a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, BTA Oil Producers, LLC and Sendero Midstream have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at Sendero Midstream Processing Plant located in Sec. 31, Twn. 23 South, Rng. 28 East, 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 Sendero Midstream system at that time. Based on current information, it is BTA Oil Producers, LLC 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

(3) Certification

*I hereby certify to the Authorized Officer of the Bureau of Land Management that one or more midstream processing companies have been provided information about the operator's production plans for the proposed area. If any plans change closer to the expected completion date, alternative notification and planning will be discussed with the appropriate entities at that time.*



Kayla McConnell  
Regulatory Analyst

- (4) Identification of a gas pipeline to which the operator plans to connect, with sufficient capacity to accommodate the anticipated production of the proposed well(s), and information on the pipeline, including, to the extent that the operator can obtain it, the following information: Sendero Midstream

Maximum current daily capacity of the pipeline: 50 MMcf/D

Current daily throughput of the pipeline: 20 MMcf/D

Anticipated daily capacity of the pipeline when wells are brought online: 50 MMcf/D

Anticipated daily throughput of the pipeline when wells are brought online: 20 MMcf/D

Any plans known to the operator for expansion of pipeline capacity for the area that includes the proposed well: No