

**NM OIL CONSERVATION**

ARTESIA DISTRICT

**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

FEB 20 2017 Energy, Minerals and Natural Resources Department

Submit Original  
to Appropriate  
District Office

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

**GAS CAPTURE PLAN**

Date: 9/28/2017

☒ Original

Devon Energy &amp; OGRID No.: Devon Energy Prod Co., LP (6137)

☐ Amended - Reason for Amendment:

This Gas Capture Plan outlines actions to be taken by the Devon Energy 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
Snapping 12-1 Fed 623H	N/A 30-015	Unit F, Sec 12, T26S, R31E	2325 FNL 1820 FWL			Snapping 12 CTB 1
	44740					

**Gathering System and Pipeline Notification**

Well(s) will be connected to a production facility after flowback operations are complete, if DCP system is in place. The gas produced from production facility is dedicated to DCP and will be connected to DCP low/high pressure gathering system located in Lea County, New Mexico. It will require 500' of pipeline to connect the facility to low/high pressure gathering system. Devon Energy provides (periodically) to DCP a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, Devon Energy and DCP have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at DCP Processing Plant located in Sec. 19, Twn. 19S, Rng. 32E, 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 DCP system at that time. Based on current information, it is Devon Energy's belief the system can take this gas upon completion of the well(s).

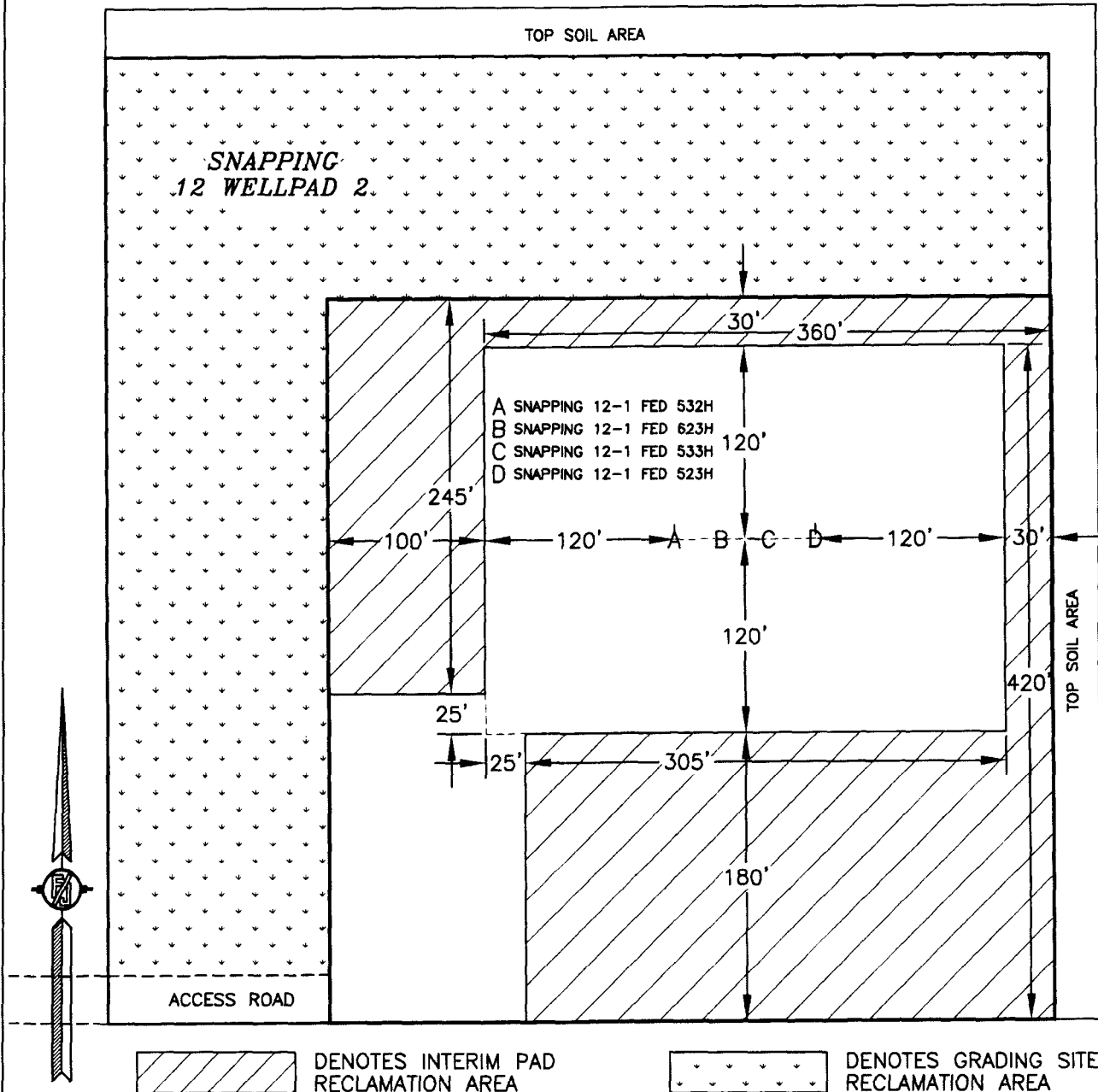
Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

**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

SECTION 12, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
INTERIM SITE BUILD PLAN



2.360± ACRES INTERIM PAD RECLAMATION AREA  
3.416± ACRES GRADING SITE RECLAMATION AREA  
2.489± ACRES NON-RECLAIMED AREA  
8.265± ACRES SNAPPING 12 WELLPAD 2

DEVON ENERGY PRODUCTION COMPANY, L.P.  
**SNAPPING 12-1 FED 623H**  
LOCATED 2325 FT. FROM THE NORTH LINE  
AND 1820 FT. FROM THE WEST LINE OF  
SECTION 12, TOWNSHIP 26 SOUTH,  
RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 18, 2017

SURVEY NO. 5444B

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO