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

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GAS CAPTURE PLAN

Date: October 31, 2019

☒ Original Devon & OGRID No.: Devon Energy Production Co., L.P. 6137

☐ Amended - Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Devon 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
CATTY SHACK 6-7 FED COM 210H		LOT 4, SEC 31, T23S,32E	10 FSL 860 FWL			RIGHT MEOW 31 CTB 5
CATTY SHACK 6-7 FED COM 211H		LOT 4, SEC 31, T23S,32E	10 FSL 800 FWL			RIGHT MEOW 31 CTB 5
RIGHT MEOW 31-30 FED COM 231H		LOT 4, SEC 31, T23S,32E	10 FSL 830 FWL			RIGHT MEOW 31 CTB 5
RIGHT MEOW 31-30 FED COM 230H	30-025-47210	UL N, SEC 31, T23S,32E	165 FSL 2195 FWL			RIGHT MEOW 31 CTB 5
CATTY SHACK 6-7 FED COM 212H		UL N, SEC 31, T23S,32E	165 FSL 2225 FWL			RIGHT MEOW 31 CTB 5
RIGHT MEOW 31-30 FED COM 232H		UL N, SEC 31, T23S,32E	165 FSL 2255 FWL			RIGHT MEOW 31 CTB 5

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 0' of pipeline to connect the facility to low/high pressure gathering system. Devon 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 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 the reference table. 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'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

Reference Table:

DCP Plant locations
Artesia Sec. 7, T18S, R28E,
Eunice Sec. 5, T21S, R36E
Linam Sec. 6, T19S, R37E
Zia II Sec. 19, T19S, R32E