

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

JUL 18 2019

GAS CAPTURE PLAN

DISTRICT II-ARTESIA O.C.D.

☐ Original Operator & OGRID No.: CHEVRON U S A INC (4323)  
☒ Amended Date 5/23/2019  
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, 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 – HHNM CTB 10**

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
CICADA UNIT 18H	30-015-44352	M-3-T26S-R27E	189 FSL & 833 FWL	5,500	0	
CICADA UNIT 17H	30-015-44354	M-3-T26S-R27E	214 FSL & 833 FWL	5,500	0	
CICADA UNIT 16H	30-015-44351	M-3-T26S-R27E	239 FSL & 833 FWL	5,500	0	
CICADA UNIT 15H	30-015-44353	M-3-R26S-R27E	264 FSL & 833 FWL	5,500	0	
CICADA UNIT 14H	30-015-44371	M-3-R26S-R27E	289 FSL & 833 FWL	5,500	0	
CICADA UNIT 13H	30-015-44367	M-3-R26S-R27E	314 FSL & 883 FWL	5,500	0	

**Gathering System and Pipeline Notification**

These wells are connected to Chevron's HHNM CTB 10 production facility located in Sec 10, T26S, R27E, Eddy County, New Mexico during flowback and production. Gas produced from the production facility is dedicated to Enterprise GC, LLC (Enterprise) and will be connected to Enterprise's high pressure gathering system located in Eddy County, New Mexico. Produced gas will be processed at Enterprise's Orla, Texas gas plant located in Abstract 3895476, T&P RR Co Survey No. 30, Block 56 T2, Reeves County, Texas. Chevron periodically provides Enterprise a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, Chevron and Enterprise have periodic conference calls to discuss changes to the drilling and completion schedules.

**Flowback Strategy**

After the fracture treatment/completion operations, wells were turned to permanent production facilities. Wells will have temporary sand catchers (separators) that will be installed at the well location to prevent sand from getting into the flowlines. These sand separators will be blown down periodically which will result in minimal venting of gas. Gas sales will start as soon as the wells start flowing through the production facilities unless there are operational issues with Enterprise's system at that time. Based on current information, it is Chevron'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.

- NGL Removal – On lease and trucked from condensate tanks
  - Plants are expensive and uneconomical to operate when gas volume declines.
  - Any residue gas that results in the future may be flared.