

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

**NM OIL CONSERVATION
ARTESIA DISTRICT**

MAY 03 2018

GAS CAPTURE PLAN

RECEIVED

☐ Original Operator & OGRID No.: CHEVRON U S A INC 4323
☒ Amended Date: 05/02/2018
Reason for Amendment: Update to gas processing facility information

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
HH SO 10 P3 No. 7H (WCC)	3001543936	UL:N, SEC 3, T26S, R27E	578 FSL, 2066 FWL	5,500	0	
HH SO 10 P3 No. 8H (WCC)	3001543937	UL:N, SEC 3, T26S, R27E	603 FSL, 2066 FWL	5,500	0	
HH SO 10 P3 No. 15H (WCD)	3001543930	UL:N, SEC 3, T26S, R27E	628 FSL, 2066 FWL	5,500	0	
HH SO 10 P3 No. 16H (WCD)	3001543929	UL:N, SEC 3, T26S, R27E	653 FSL, 2066 FWL	5,500	0	

Gathering System and Pipeline Notification

Well(s) will be connected to Chevron's HHNM CTB 10 production facility located in Sec 10, T26S, R27E, Eddy County, New Mexico during flowback and production. The gas produced from the production facility is dedicated to Enterprise GC, LLC (Enterprise) and will be connected to Enterprise's South Eddy high pressure gathering system located Eddy County, New Mexico. 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 drilling and completion schedules. Gas from these wells 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 with overage capacity processed if required at Enterprise's S. Eddy Processing Plant located in in Sec 1, T25S, R30E of Eddy County, New Mexico.

Flowback Strategy

After the fracture treatment/completion operations, wells will be 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.