

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

GAS CAPTURE PLAN

Date: November 7, 2018

Original Operator & OGRID No.: MARATHON OIL PERMIAN, LLC
 Amended - Reason for Amendment: OGRID: 372098

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: 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 |
|-------------------------------|-----|-----------------------|------------------------|----------------|------------------|----------|
| Blue Steel 21 SB Fed Com 19H | | A-28-T23S-R29E | 1220' FNL 907' FEL | 2200 | Flared | |
| Blue Steel 21 WA Fed Com 15H | | A-28-T23S-R29E | 1220' FNL 937' FEL | 3200 | Flared | |
| Blue Steel 21 WA Fed Com 14H | | A-28-T23S-R29E | 1219' FNL 1027' FEL | 3200 | Flared | |
| Blue Steel 21 WXY Fed Com 18H | | A-28-T23S-R29E | 1219' FNL 967' FEL | 3200 | Flared | |
| Blue Steel 21 WXY Fed Com 12H | | A-28-T23S-R29E | 270' FNL 1195' FWL | 3200 | Flared | |
| Blue Steel 21 SB Fed Com 13H | | A-28-T23S-R29E | 1219' FNL 997' FEL | 2200 | Flared | |
| Blue Steel 21 WD Fed Com 17H | | H-28-T23S-R29E | 1420' FNL 878' FEL | 3200 | Flared | |
| Blue Steel 21 WD Fed Com 16H | | H-28-T23S-R29E | 1420' FNL 908' FEL | 3200 | Flared | |
| Blue Steel 21 WD Fed Com 11H | | H-28-T23S-R29E | 1420' FNL 938' FEL | 3200 | Flared | |
| Blue Steel 21 WD Fed Com 24H | | H-28-T23S-R29E | 1419' FNL 968' FEL | 3200 | Flared | |

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 Lucid and will be connected to Lucid's low pressure gathering system located in Lea County, New Mexico. It will require about 1 mile of pipeline to connect the facility to low pressure gathering system. Marathon provides (periodically) to Lucid a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, Marathon and Lucid have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at Red Hills Processing Plant located in Sec. 13, Twn. 24S, Rng. 33E, 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

Design Limits (5 1/2" Production Casing - Section 1)

