

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: 3/12/2020

☒ Original Operator & OGRID No.: Tacitus LLC 372957
☐ Amended - 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: 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
NAVAJO TRIBAL N #4	30-045-05876	TWP: 26 N - Range: 18 W - Sec. 18	656 FNL, 697 FEL (SHL); 948 FNL, 691 FEL (BHL)	1000	VENTED	INERT GAS

Gathering System and Pipeline Notification

The subject inert wells do not produce any pipeline quality gas and only the Helium will be recovered and sold. The wells are connected to the central process facility located at Township 26N Range 18W Section 20 in San Juan County, New Mexico. This location was the previous site for the central oil battery and gas compression facilities to allow for the sale of gas into the El Paso Natural gas system. The wells utilize the existing pipelines (or replacement pipelines segments as required) to flow the wells to the central processing facility. There is a total of ~ 5 miles of pipelines being used to gather the gas from the 5 wells currently producing, N#4 will be the 6th producer. The Facility only removes the Helium from the stream. The helium is compressed into on site Helium trailers so it can be trucked to market. The Helium gas transporter is AirGas LLC. The wells were flowed back through test facilities at each well after completion or frac to clean up prior to flowing to the central facilities. The flowback operations are essentially complete, however because of potential water loading at the wells, they may need to be occasionally blown down at the wellsites. The Operator provides a schedule of anticipated Helium production rates to gas transporter so that they can provide the appropriate number of Helium trailers to collect all of the Helium produced from the central facilities. The Facility is currently designed to produce a maximum of 150 mcf/d of Helium. The Operators plans on recompleting addition wells to maintain/increase this rate. The actual flow of the gas will be based the capabilities of the flowing gas wells.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and inert gas will be vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand and water, the wells will be turned to production facilities. Gas sales (into the Helium Trailers) should start as soon as the wells start flowing through the production facilities, Based on current information, it is Operator'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 rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Not Applicable, since all of the subject wells produce primarily inert gas and by definition is non-flammable.

2