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

x Original	Operator & OGRID No.:	Devon Production Co., L.P. (6137)
☐ Amended	•	Date: 7/23/2018
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, recomplete 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 – Rattlesnake MDP1 CTB 18-1

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well	Footages	Expected	Flared or	Comments
		Location		MCF/D	Vented	
Jayhawk 7 Fed 11H		Sec 7-T26S-R34E	540'FNL 770' FWL			Will connect to Jayhawk 7 CTB 2
Jayhawk 7 Fed 12H		Sec 7-T26S-R34E	540'FNL 800' FWL			Will connect to Jayhawk 7 CTB 2
Jayhawk 7 Fed 14H		Sec 7-T26S-R34E	540'FNL 740' FWL			Will connect to Jayhawk 7 CTB 2
Jayhawk 7 Fed 18H	-025-455	Sec 7-T26S-R34E 53	540'FNL 710' FWL			Will connect to Jayhawk 7 CTB 2

### **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 <a href="Enterprise South Eddy">Enterprise South Eddy</a> and will be connected to <a href="Enterprise Interprise Interp

#### Flowback Strategy

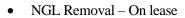
After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on <a href="Enterprise's">Enterprise's</a> system at that time. Based on current information, it is <a href="Devon's">Devon's</a> 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
  - o Gas flared would be minimal, but might be uneconomical to operate when gas volume declines



o Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines