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

OXY USA Inc - 16696

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

# GAS CAPTURE PLAN

Operator & OGRID No.:

Date: 8-24-2017

### ⊠ Original

□ 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, recomplete 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	Flared or	Comments
				MCF/D	Vented	Ĵ
Corral Fly 35-26 Federal Com #31H	Pending	Lot 4, Sec. 2, T25S, R29E	694 FNL	3,238	0	ļ —
			1008 FWL	[		
Corral Fly 35-26 Federal Com #32H	Pending	Lot 4, Sec. 2, T25S, R29E	694 FNL	3,238	0	
			1038 FWL	[		
Corral Fly 35-26 Federal Com #33H	Pending	Lot 4, Sec. 2, T25S, R29E	694 FNL	3,238	0	}
			1068 FWL			
Corral Fly 35-26 Federal Com #34H	Pending	Lot 1, Sec. 2, T25S, R29E	434 FNL	3,238	0	
			1308 FEL	1		
Corral Fly 35-26 Federal Com #35H	Pending	Lot 1, Sec. 2, T25S, R29E	434 FNL	3,238	0	
30-015-4	4730		1278 FEL	Į		
Corral Fly 35-26 Federal Com #36H	Pending	Lot 1, Sec. 2, T25S, R29E	434 FNL	3,238	0	
			1248 FEL	ļ		

## **Gathering System and Pipeline Notification**

Well(s) will be connected to a production facility after flowback operations are complete, where a gas transporter system is in place. The gas produced from production facility is dedicated to <u>ETC Texas Pipeline ("ETC"</u>) and is connected to <u>ETC</u> low/high pressure gathering system located in Eddy County, New Mexico. <u>OXY USA WTP INC. ("OXY"</u>) provides (periodically) to <u>ETC</u> a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, <u>OXY</u> and <u>ETC</u> have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at <u>ETC Orla Processing Plant</u> located in Sec. 35, Block. 57 T2S T&P RR CO, Reeves County, Texas. 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 operational issues on <u>ETC</u> system at that time. Based on current information, it is <u>OXY's</u> 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
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NCL Developed for large

