

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

OIL CONSERVATION
ARTESIA DISTRICT
MAR 08 2018

GAS CAPTURE PLAN

RECEIVED

Date: 1-12-2017

Original

Operator & OGRID No.: OXY USA INC. - 16696

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 MCF/D	Flared or Vented	Comments
Cypress 33 Federal Com #11H	Pending	Unit A Sec. 33, T23S, R29E	28 FNL 1307 FEL	2331	0	
Cypress 33 Federal Com #12H	Pending	Unit A Sec 33, T23S, R29E	28 FNL 1277 FEL	2331	0	

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 ETC Field Services, LLC ("ETC") and is connected to ETC low pressure gathering system located in Eddy County, New Mexico. OXY USA INC. ("OXY") provides (periodically) to ETC a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, OXY and ETC have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ETC Processing Plant located in Sec. 35, Block 57, T2S T&P RR CO Survey, 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 ETC system at that time. Based on current information, it is OXY'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.

- 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
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Oxy U.S.A Inc.

New Mexico Staking Form

Date Staked: 3-8-16

Lease/Well Name: Cypress 33 Fed #12H

Legal Description: 28' FNL 1277' FEL Sec 33 T235 R29E

Latitude: 32° 16' 06.66" NAD 83

Longitude: -103° 59' 07.16"

Move Information: 82' North 255' West

County: Eddy

Surface Owner/Tenant: BLM

Nearest Residence: 5 miles

Nearest Water Well: _____

V-Door: EAST

Road Description: Road into SW corner from SOUTH

New Road: _____

Upgrade Existing Road: _____

Interim Reclamation: 50' NORTH

Source of Caliche: _____

Top Soil: EAST

Onsite Date Performed: 3-10-16

Onsite Attendees: Brooke Wilson, Jim Rutley - BLM Jim Wilson - Oxy
Mike Wilson - Oxy Asel Survey

Special Notes: Berm West, South, & North