

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

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

AUG 07 2018

**GAS CAPTURE PLAN**

Date: 03-21-2018

**RECEIVED**

☒ 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, 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 Vent	Comments
Sunrise MDP1 8-5 Fed Com 174H	Pending	B - 17 - 24S - 31E	592 FNL 1369 FEL	3719	0	
Sunrise MDP1 8-5 Fed Com 175H	Pending	B - 17 - 24S - 31E	592 FNL 1334 FEL	3719	0	
Sunrise MDP1 8-5 Fed Com 176H	Pending	A - 17 - 24S - 31E	592 FNL 1299 FEL	3719	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 Enterprise Field Services, LLC ("Enterprise") and is connected to Enterprise low/high pressure gathering system located in Eddy County, New Mexico. OXY USA INC. ("OXY") provides (periodically) to Enterprise a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, OXY and Enterprise have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at Enterprise's Processing Plant located in Sec. 36, Twn. 24S, Rng. 30E, Eddy 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 operational issues on Enterprise 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.

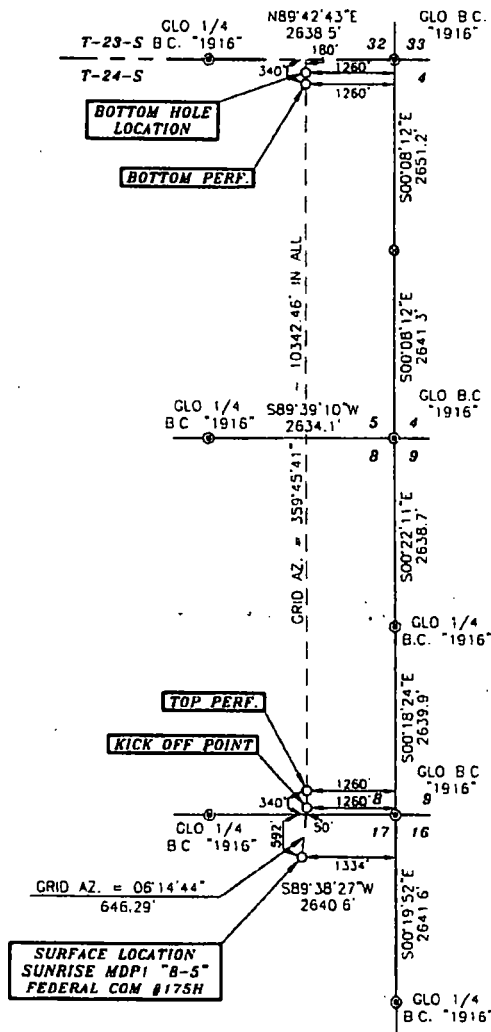
**Alternatives to Reduce Flaring**

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

SECTIONS 17, 8 & 5, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.,  
EDDY COUNTY  
NEW MEXICO

DRIVING DIRECTIONS:  
BEGINNING AT THE INTERSECTION OF  
N.M. STATE HWY. #128 AND EDDY  
COUNTY ROAD #787 (TWIN WELLS  
ROAD), GO SOUTH ON EDDY COUNTY  
ROAD #787 FOR 5.2 MILES, TURN  
LEFT ON CALICHE ROAD AND GO EAST  
FOR 0.8 MILES, TURN RIGHT ON  
PROPOSED ROAD AND GO SOUTH FOR  
989.2 FEET, TURN LEFT AND GO EAST  
FOR 462.7 FEET TO LOCATION.



Base of Bearings - GPS Geodetic Measurements  
NAD East Zone (83) North American Datum of 1983



**SURVEYORS CERTIFICATE**

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR  
NO. 15078, DO HEREBY CERTIFY THAT I CONDUCTED AND AM  
RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS  
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND  
BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR  
SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW  
MEXICO STATE BOARD OF REGISTRATION FOR  
PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 2/6/2018  
Terry J. Asel, N.M. R.P.L.S. No. 15078

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 575-393-9146



**LEGEND**

- ⊙ - DENOTES FOUND MONUMENT AS NOTED
- ⊗ - DENOTES CALCULATED CORNER

2000' 0 2000' 4000' FEET  
SCALE: 1"=2000'

**OXY USA INC.**

SUNRISE MDPI "8-5" FEDERAL COM #175H  
LOCATED AT 592' FNL & 1334' FEL IN  
SECTION 17, TOWNSHIP 24 SOUTH, RANGE 31  
EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

Survey Date: 11/07/17	Sheet 1 of 1 Sheets
W.O. Number: 171107WL-b	Drawn By: KA Rev:
Date: 12/15/17	171107WL-b Scale: 1"=2000'