

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  
Santa Fe, NM 87505

DEC 14 2018

GAS CAPTURE PLAN

RECEIVED

Date: 8-13-2018

☒ 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 Vented	Comments
Height CC 6-7 Fd Com #31H	Pending	4-6-24S-29E	262 N 626 W	5,597	0	
Height CC 6-7 Fd Com #32H	Pending	4-6-24S-29E	294 N 639 W	5,597	0	
Height CC 6-7 Fd Com #33H	Pending	3-6-24S-29E	230 N 2355 W	6,653	0	
Height CC 6-7 Fd Com #34H	Pending	3-6-24S-29E	230 N 2390 W	6,653	0	
Height CC 6-7 Fd Com #35H	Pending	1-6-24S-29E	65 N 1041 E	6,653	0	
Height CC 6-7 Fd Com #36H	Pending	1-6-24S-29E	65 N 1006 E	6,653	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 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 Orla Plant Processing Plant located in Sec. 35, Block 57, T2, 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 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).

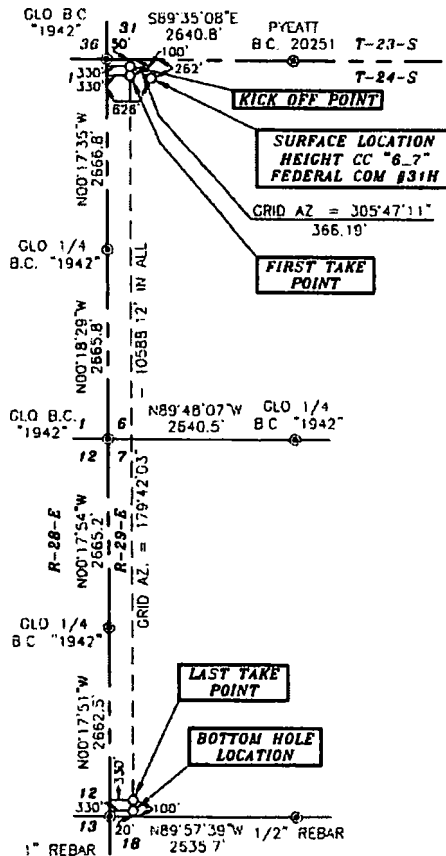
Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

**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 6 & 7, TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.,  
EDDY COUNTY  
NEW MEXICO



DRIVING DIRECTIONS:  
FROM THE INTERSECTION OF U.S. HWY #285  
AND COUNTY ROAD #731 (ONSUREZ ROAD) IN  
MALAGA, GO NORTH ON COUNTY ROAD #731  
FOR 0.6 MILES, TURN RIGHT ON COUNTY  
ROAD #743 (BRUMBLE ROAD) AND GO EAST  
FOR 1.0 MILES, CONTINUE EAST ON COUNTY  
ROAD #745 (HARROUN ROAD) FOR 2.0 MILES,  
TURN LEFT AND GO NORTH FOR 0.6 MILES,  
TURN LEFT ON PROPOSED ROAD AND GO  
WEST FOR 257.2 FEET TO LOCATION.



**SURVEYORS CERTIFICATE**

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR  
NO. 15079, 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* 8/7/2018  
Terry J. Asel, N.M. P.L.S. No. 15079

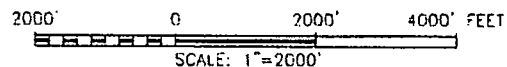
Asel Surveying

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



**LEGEND**

⊙ - DENOTES FOUND MONUMENT AS NOTED



**OXY USA INC.**

HEIGHT CC "6.7" FEDERAL COM #31H  
LOCATED AT 262' FNL & 626' FWL IN  
SECTION 6, TOWNSHIP 24 SOUTH, RANGE 29  
EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

Survey Date: 06/08/18	Sheet 1 of 1 Sheets
W.O. Number: 180608WL-d	Drawn By: KA Rev:
Date: 08/07/18	180608WL-d Scale: 1"=2000'

Basis of Bearings - GPS Geodetic Measurements  
NAD 83 North American Datum of 1983