

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

NOV 16 2018

GAS CAPTURE PLAN

Date: 9/29/17 **DISTRICT II-ARTESIA O.C.D.**

☒ Original

Operator & OGRID No.: BOPCO, LP [260737]

☐ 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: PLU 15 Twin Wells Ranch East CTB

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
PLU 15 Twin Wells Ranch 701H		M-15-24S-31E	300' FSL & 1130' FWL	2900	Flared/Sold	
PLU 15 Twin Wells Ranch 901H		M-15-24S-31E	330' FSL & 1130' FWL	3000	Flared/Sold	
PLU 15 Twin Wells Ranch 102H		M-15-24S-31E	360' FSL & 1130' FWL	2800	Flared/Sold	
PLU 15 Twin Wells Ranch 121H		M-15-24S-31E	390' FSL & 1130' FWL	4800	Flared/Sold	
PLU 15 Twin Wells Ranch 122H	30-015-45451	M-15-24S-31E	420' FSL & 1130' FWL	4800	Flared/Sold	
PLU 15 Twin Wells Ranch 125H		N-15-24S-31E	330' FSL & 2590' FWL	4300	Flared/Sold	
PLU 15 Twin Wells Ranch 705H		N-15-24S-31E	330' FSL & 2530' FWL	2600	Flared/Sold	
PLU 15 Twin Wells Ranch 905H		N-15-24S-31E	330' FSL & 2560' FWL	2700	Flared/Sold	
PLU 15 Twin Wells Ranch 104H		N-15-24S-31E	360' FSL & 1805' FWL	2800	Flared/Sold	
PLU 15 Twin Wells Ranch 123H		N-15-24S-31E	390' FSL & 1805' FWL	4800	Flared/Sold	
PLU 15 Twin Wells Ranch 124H		N-15-24S-31E	420' FSL & 1805' FWL	3300	Flared/Sold	
PLU 15 Twin Wells Ranch 703H		N-15-24S-31E	300' FSL & 1805' FWL	2900	Flared/Sold	
PLU 15 Twin Wells Ranch 903H		N-15-24S-31E	330' FSL & 1805' FWL	3000	Flared/Sold	
PLU 15 Twin Wells Ranch 106H		O-15-24S-31E	360' FSL & 1965' FEL	2600	Flared/Sold	
PLU 15 Twin Wells Ranch 126H		O-15-24S-31E	390' FSL & 1965' FEL	4300	Flared/Sold	
PLU 15 Twin Wells Ranch 707H		O-15-24S-31E	300' FSL & 1965' FEL	2600	Flared/Sold	
PLU 15 Twin Wells Ranch 907H		O-15-24S-31E	330' FSL & 1965' FEL	2700	Flared/Sold	
PLU 15 Twin Wells Ranch 108H		P-15-24S-31E	330' FSL & 1230' FEL	2600	Flared/Sold	
PLU 15 Twin Wells Ranch 127H		P-15-24S-31E	330' FSL & 1260' FEL	4300	Flared/Sold	
PLU 15 Twin Wells Ranch 128H		P-15-24S-31E	330' FSL & 1230' FEL	4300	Flared/Sold	



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #1202H
Company:	XTO Energy	TVD Reference:	RKB = 27' @ 3558.00usft (Unknown)
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 27' @ 3558.00usft (Unknown)
Site:	PLU 15 Twin Wells Ranch	North Reference:	Grid
Well:	#1202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PLU 15 TWR 1202H: - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	440,985.00	674,200.50	32.211130	-103.770096
PLU 15 TWR 1202H: - plan hits target center - Point	0.00	0.00	12,108.00	-651.00	-136.57	440,334.00	674,063.93	32.209343	-103.770549
PLU 15 TWR 1202H: - plan hits target center - Point	0.00	0.00	12,108.00	-13,423.20	-51.10	427,561.80	674,149.40	32.174232	-103.770489
PLU 15 TWR 1202H: - plan hits target center - Point	0.00	0.00	12,108.00	-751.00	-135.90	440,234.00	674,064.60	32.209068	-103.770548
PLU 15 TWR 1202H: - plan misses target center by 0.03usft at 25079.02usft MD (12108.00 TVD, -13293.30 N, -51.97 E) - Point	0.00	0.00	12,108.00	-13,293.30	-52.00	427,691.70	674,148.50	32.174589	-103.770489

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
696.00	696.00	Rustler			
1,054.00	1,054.00	Top Salt			
4,240.33	4,240.00	Base Salt			
4,436.36	4,436.00	Delaware			
8,262.94	8,262.00	Bone Spring			
9,379.11	9,378.00	1st Bone Spring Ss			
10,049.21	10,048.00	2nd Bone Spring Ss			
10,476.28	10,475.00	3rd Bone Spring Lm			
11,220.39	11,219.00	3rd Bone Spring Ss			
11,657.29	11,655.00	Wolfcamp			
11,804.02	11,793.00	Wolfcamp A			