

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

GAS CAPTURE PLAN

Date: 08/03/18

☒ 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 13 DTD 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
Poker Lake Unit 13 DTD 701H		D-24-24S-30E	220' FNL & 35' FWL	2900	Flared/Sold	
Poker Lake Unit 13 DTD 901H		D-24-24S-30E	184' FNL & 35' FWL	3000	Flared/Sold	
Poker Lake Unit 13 DTD 102H		D-24-24S-30E	185' FNL & 285' FWL	2800	Flared/Sold	
Poker Lake Unit 13 DTD 121H		D-24-24S-30E	150' FNL & 35' FWL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 122H		D-24-24S-30E	150' FNL & 285' FWL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 125H		B-24-24S-30E	442' FNL & 2205' FEL	4300	Flared/Sold	
Poker Lake Unit 13 DTD 705H		B-24-24S-30E	512' FNL & 2205' FEL	2900	Flared/Sold	
Poker Lake Unit 13 DTD 905H		B-24-24S-30E	477' FNL & 2205' FEL	3000	Flared/Sold	
Poker Lake Unit 13 DTD 106H		B-24-24S-30E	477' FNL & 1955' FEL	2800	Flared/Sold	
Poker Lake Unit 13 DTD 126H		B-24-24S-30E	442' FNL & 1955' FEL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 104H		C-24-24S-30E	619' FNL & 2275' FWL	2800	Flared/Sold	
Poker Lake Unit 13 DTD 123H		C-24-24S-30E	584' FNL & 2025' FWL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 124H		C-24-24S-30E	584' FNL & 2275' FWL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 703H		C-24-24S-30E	654' FNL & 2025' FWL	2900	Flared/Sold	
Poker Lake Unit 13 DTD 903H		C-24-24S-30E	619' FNL & 2025' FWL	3000	Flared/Sold	
Poker Lake Unit 13 DTD 707H		A-24-24S-30E	512' FNL & 1179' FEL	2900	Flared/Sold	
Poker Lake Unit 13 DTD 907H		A-24-24S-30E	477' FNL & 1179' FEL	3000	Flared/Sold	
Poker Lake Unit 13 DTD 108H		A-24-24S-30E	476' FNL & 929' FEL	2800	Flared/Sold	
Poker Lake Unit 13 DTD 127H		A-24-24S-30E	442' FNL & 1179' FEL	4800	Flared/Sold	
Poker Lake Unit 13 DTD 128H		A-24-24S-30E	442' FNL & 929' FEL	4800	Flared/Sold	



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #903H
Company:	XTO Energy	TVD Reference:	RKB = 27' @ 3485.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 27' @ 3485.00usft
Site:	Poker Lake Unit 13 DTD	North Reference:	Grid
Well:	#903H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
PLU13DTD #903H: S	0.00	0.00	0.00	0.00	0.00	440,039.50	653,839.00	32.208807	-103.835942
- plan hits target center									
- Point									
PLU13DTD #903H: P	0.00	0.01	11,271.00	-12,381.80	-313.10	427,657.70	653,525.90	32.174775	-103.837139
- plan hits target center									
- Point									
PLU13DTD #903H: L	0.00	0.01	11,271.00	-12,251.80	-314.20	427,787.70	653,524.80	32.175132	-103.837141
- plan misses target center by 0.46usft at 24193.65usft MD (11271.05 TVD, -12251.80 N, -313.74 E)									
- Point									
PLU13DTD #903H: F	0.00	0.01	11,276.00	287.60	-375.40	440,327.10	653,463.60	32.209603	-103.837152
- plan hits target center									
- Point									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,048.00	1,048.00	RSLR				
1,398.00	1,398.00	T/SALT				
3,997.59	3,987.00	B/SALT				
4,188.72	4,177.00	DLWR				
5,117.21	5,100.00	CYCN				
6,709.63	6,683.00	BYCN				
7,779.96	7,747.00	BBYCN				
8,058.61	8,024.00	BSPG_LM				
8,991.12	8,951.00	BSPG1				
9,441.79	9,399.00	BSPG2_LM				
9,734.52	9,690.00	BSPG2				
10,169.09	10,122.00	BSPG3_LM				
10,524.19	10,475.00	BSPG3_HRKY				
10,760.36	10,710.00	BSPG3_LWR_LM				
10,817.54	10,767.00	BSPG3_LWR_SHALE				
10,950.34	10,896.00	BSPG3				
11,494.52	11,254.00	BSPG3_RH				
11,654.10	11,276.00	LP_BSP3				