

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

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APR 12 2019
DISTRICT II-ARTESIA O.C.D.

GAS CAPTURE PLAN

X Original Operator & OGRID No.: CHEVRON U S A INC 4323

☐ Amended Date: 09/17/2018

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: A C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule 19.15.18.12.A

Well(s)/Production Facility – SND Section 12 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
SND 11 14 FED COM 003 No. 4H (WCA)	Pending	UL:G, SEC 11, T24S, R31E	2539' FNL, 1770' FEL	5000	0	
SND 11 14 FED COM 003 No. 5H (WCA)	Pending	UL:G, SEC 11, T24S, R31E	2564' FNL, 1770' FEL	5000	0	
SND 11 14 FED COM 003 No. 6H (WCA)	Pending	UL:G, SEC 11, T24S, R31E	2589' FNL, 1770' FEL	5000	0	

Gathering System and Pipeline Notification

These Pad 3 wells will be connected to Chevron's SND Section 12 CTB production facility located in Section 12, T24S – R31E, Eddy County, New Mexico during flowback and production.

Gas produced from the production facility will be dedicated to DCP Operating Company, LP (DCP) and will be connected to DCP's high pressure gathering system located in Eddy County, New Mexico. Produced gas will be processed at one or more of DCP's New Mexico gas plants located in Eddy and Lea Counties. Chevron periodically provides DCP estimated production forecasts for wells that are scheduled to be drilled in the foreseeable future. In addition, Chevron and DCP have periodic conference calls to discuss changes to the forecasts.

Flowback Strategy

After the fracture treatment/completion operations, wells will be turned to permanent production facilities. Wells will have temporary sand catchers (separators) that will be installed at the well location to prevent sand from getting into the flowlines. These sand separators will be blown down periodically which will result in minimal venting of gas. Gas sales will start as soon as the wells start flowing through the production facilities unless there are operational issues with DCP's system at that time. Based on current information, it is Chevron'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.

Database:	USA Compass	Local Co-ordinate Reference:	Well 4H
Company:	Chevron	TVD Reference:	RKB @ 3554.00usft
Project:	Eddy County, NM (NAD27 NME)	MD Reference:	RKB @ 3554.00usft
Site:	SND 11 14 FED COM 003	North Reference:	Grid
Well:	4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 04-24-18		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,000.00	1,000.00	0.00	0.00	KOP, Begin 2.00°/100' Build
1,400.00	1,398.70	13.94	-24.14	Hold 8.00° Inc at 300.00° Azm
5,400.00	5,359.77	292.29	-506.25	Begin 2.00°/100' Drop
5,800.00	5,758.48	306.23	-530.40	Begin Vertical Hold
8,463.80	8,422.28	306.23	-530.40	KOP2, Begin 10.00°/100' Build
9,359.00	8,995.21	-261.93	-530.40	LP, Hold 89.52° Inc at 180.00° Azm
9,759.00	8,998.56	-661.92	-530.40	Begin 2.00°/100' Turn
10,158.99	9,001.92	-1,060.59	-502.52	Hold 172.00° Azm
10,718.99	9,006.61	-1,615.12	-424.59	Begin 2.00°/100' Turn
11,103.15	9,009.85	-1,997.97	-396.75	Hold 179.68° Azm
17,032.48	9,060.00	-7,927.00	-364.00	TD at 17032.48