

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: 7/22/2018

X Original Operator & OGRID No.: Novo Oil & Gas Northern Delaware, LLC (372920)  
☐ 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, recomplete 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 – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well	API	SHL (ULSTR)	SHL Footages	Expected MCF/D	Flared or Vented	Comments
Rana Salada Fed Com 0504 234H	30-015-	P-6-23S-29E	1241 FSL & 669 FEL	7500	30 days	Time depends on well clean up
Rana Salada Fed Com 0504 214H	30-015-	P-6-23S-29E	1242 FSL & 639 FEL	7500	30 days	Time depends on well clean up
Rana Salada Fed Com 0504 134H	30-015-	P-6-23S-29E	1243 FSL & 609 FEL	2500	30 days	Time depends on well clean up
Rana Salada Fed Com 0504 133H	30-015-	I-6-23S-29E	1443 FSL & 612 FEL	2500	30 days	Time depends on well clean up

### Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is not yet dedicated. However, negotiations are underway. One possible connection is an existing NM Gas Company line that is 100 yards southwest. Novo Oil & Gas Northern Delaware, LLC will provide (periodically) to its Gas Transporter a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, Novo Oil & Gas Northern Delaware, LLC and its Gas Transporter have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at an as yet undetermined Gas Transporter Processing Plant located in 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 its Gas Transporter system at that time. Based on current information, it is Novo Oil & Gas Northern Delaware, LLC's belief an existing or new 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.

RECEIVED

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015- <b>46077</b>	<sup>2</sup> Pool Code 15011	<sup>3</sup> Pool Name CULEBRA BLUFF; BONE SPRING, SOUTH
<sup>4</sup> Property Code <b>325746</b>	<sup>5</sup> Property Name RANA SALADA FED COM 0504	
<sup>7</sup> OGRID No. 372920	<sup>8</sup> Operator Name NOVO OIL AND GAS NORTHERN DELAWARE, LLC	<sup>6</sup> Well Number 134H <sup>9</sup> Elevation 3039.4

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
P	6	23 S	29 E		1243	SOUTH	609	EAST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/ West line	County
P	4	23 S	29 E		330	SOUTH	330	EAST	EDDY

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320		C	

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Brian Wood</i> 7-28-18 Signature Date</p> <p>BRIAN WOOD Printed Name</p> <p>brian@permitswest.com E-mail Address</p> <p>(505) 466-8120</p>			
<p><b>18 SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 26, 2018 Date of Survey</p> <p><i>Filimon F. Jaramillo</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 6155A</p>			

**RANA SALADA FED COM 0504 134H**  
ELEV. = 3039.4'  
LAT. = 32.3304325°N (NAD83)  
LONG. = 104.0175770°W  
NMSP EAST (FT)  
N = 484087.18  
E = 638865.76

**TAKE POINT**  
LAT. = 32.3278674°N  
LONG. = 104.0145895°W  
NMSP EAST (FT)  
N = 483156.75  
E = 639791.30

**BOTTOM OF HOLE**  
LAT. = 32.3280489°N  
LONG. = 103.9823559°W  
NMSP EAST (FT)  
N = 483253.91  
E = 649747.46

**QUARTER CORNER**  
LAT. = 32.3343323°N  
LONG. = 104.0155256°W  
NMSP EAST (FT)  
N = 485507.76  
E = 639495.15

**QUARTER CORNER**  
LAT. = 32.3343915°N  
LONG. = 103.9883985°W  
NMSP EAST (FT)  
N = 485545.40  
E = 644784.95

**E/4 CORNER SEC. 4**  
LAT. = 32.3344615°N  
LONG. = 103.9812794°W  
NMSP EAST (FT)  
N = 485587.83  
E = 650072.31

**W/4 CORNER SEC. 6**  
LAT. = 32.3348340°N  
LONG. = 104.0319894°W  
NMSP EAST (FT)  
N = 485675.58  
E = 634409.64

**S/4 CORNER SEC. 6**  
LAT. = 32.327315°N  
LONG. = 104.0239843°W  
NMSP EAST (FT)  
N = 482916.93  
E = 636890.08

**S/4 CORNER SEC. 5**  
LAT. = 32.3270383°N  
LONG. = 104.0071330°W  
NMSP EAST (FT)  
N = 482862.06  
E = 642095.38

**S/4 CORNER SEC. 4**  
LAT. = 32.3271140°N  
LONG. = 103.9899083°W  
NMSP EAST (FT)  
N = 482906.22  
E = 647415.75

**SW CORNER SEC. 6**  
LAT. = 32.3275007°N  
LONG. = 104.0319715°W  
NMSP EAST (FT)  
N = 483007.81  
E = 634422.54

**SECTION CORNER**  
LAT. = 32.3269490°N  
LONG. = 104.0156765°W  
NMSP EAST (FT)  
N = 482821.66  
E = 639456.52

**SECTION CORNER**  
LAT. = 32.3270813°N  
LONG. = 103.9985277°W  
NMSP EAST (FT)  
N = 482885.93  
E = 644753.39

**SE CORNER SEC. 4**  
LAT. = 32.3271459°N  
LONG. = 103.9812889°W  
NMSP EAST (FT)  
N = 482926.50  
E = 650078.10

**GRID AZ. = S44°50'57"E**  
**HORIZ. DIST. = 1312.66 FT**

**GRID AZ. = N89°26'27"E**  
**HORIZ. DIST. = 9958.84 FT**

**TAKE POINT**  
LAT. = 32.3278674°N  
LONG. = 104.0145895°W  
NMSP EAST (FT)  
N = 483156.75  
E = 639791.30

**BOTTOM OF HOLE**  
LAT. = 32.3280489°N  
LONG. = 103.9823559°W  
NMSP EAST (FT)  
N = 483253.91  
E = 649747.46

**TAKE POINT**  
LAT. = 32.3278674°N  
LONG. = 104.0145895°W  
NMSP EAST (FT)  
N = 483156.75  
E = 639791.30

**BOTTOM OF HOLE**  
LAT. = 32.3280489°N  
LONG. = 103.9823559°W  
NMSP EAST (FT)  
N = 483253.91  
E = 649747.46

**TAKE POINT**  
LAT. = 32.3278674°N  
LONG. = 104.0145895°W  
NMSP EAST (FT)  
N = 483156.75  
E = 639791.30

**BOTTOM OF HOLE**  
LAT. = 32.3280489°N  
LONG. = 103.9823559°W  
NMSP EAST (FT)  
N = 483253.91  
E = 649747.46

RWP 6-13-19