

District I
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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
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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

RECEIVED

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

JUN 03 2019

DISTRICT II-ARTESIA O.C.D. AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 46087	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325748	⁵ Property Name RANA SALADA FED COM 0504	⁶ Well Number 214H
⁷ OGRID No. 372920	⁸ Operator Name NOVO OIL AND GAS NORTHERN DELAWARE, LLC	⁹ Elevation 3039.3

¹⁰ 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		1242	SOUTH	639	EAST	EDDY

¹¹ 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
¹² Dedicated Acres 640		¹³ Joint or Infill		¹⁴ Consolidation Code C		¹⁵ Order No.			

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.

" OPERATOR CERTIFICATION 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 unless 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. Signature: <i>Brian Wood</i> Date: 7-27-18 Printed Name: BRIAN WOOD E-mail Address: brian@permitswest.com (505) 466-8120			
" SURVEYOR CERTIFICATION 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. JUNE 26, 2018 Date of Survey: <i>[Signature]</i> Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: J. JARAMILLO, PLS 12797 SURVEY NO. 6290A			

NW CORNER SEC. 6
LAT. = 32.3420477°N
LONG. = 104.0319449°W
NMSP EAST (FT)
N = 488299.91
E = 634415.99

SECTION CORNER
LAT. = 32.3417741°N
LONG. = 104.0153768°W
NMSP EAST (FT)
N = 488215.14
E = 639533.08

N/4 CORNER SEC. 6
LAT. = 32.3418009°N
LONG. = 104.0239405°W
NMSP EAST (FT)
N = 488217.15
E = 636888.30

N/4 CORNER SEC. 5
LAT. = 32.3417556°N
LONG. = 104.0068255°W
NMSP EAST (FT)
N = 488216.38
E = 642174.05

N/4 CORNER SEC. 4
LAT. = 32.3416986°N
LONG. = 103.9897047°W
NMSP EAST (FT)
N = 488212.18
E = 647461.63

SW CORNER SEC. 6
LAT. = 32.3272315°N
LONG. = 104.0319716°W
NMSP EAST (FT)
N = 483007.81
E = 634422.64

SECTION CORNER
LAT. = 32.3269490°N
LONG. = 104.0156765°W
NMSP EAST (FT)
N = 482821.66
E = 639450.52

SECTION CORNER
LAT. = 32.3270813°N
LONG. = 103.9885277°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

W/4 CORNER SEC. 6
LAT. = 32.3348340°N
LONG. = 104.0319894°W
NMSP EAST (FT)
N = 485674.58
E = 634409.84

SECTION 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. = 103.9983985°W
NMSP EAST (FT)
N = 485545.40
E = 644784.96

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

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

GRID AZ. = S45°45'12"E
HORIZ. DIST. = 1333.83 FT

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

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RUP 6-13-19

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Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 7/22/2018

☒ 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.