

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Novo Oil & Gas Northern Delaware, LLC 1001 W. Wilshire Blvd., Suite 206 Oklahoma City, OK 73116 405-404-0414		² OGRID Number 372920	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 015-48547	⁵ Pool Name Purple Sage; Wolfcamp Gas Pool		⁶ Pool Code 98220
⁷ Property Code 333651	⁸ Property Name Rana Salada Fed Com 0106		⁹ Well Number 133H

II. ¹⁰ Surface Location

UL or lot no. I	Section 2	Township 23S	Range 28E	Lot Idn	Feet from the 2310	North/South Line SOUTH	Feet from the 25	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. P	Section 6	Township 23S	Range 29E	Lot Idn	Feet from the 368	North/South line SOUTH	Feet from the 208	East/West line EAST	County EDDY
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
218984	Plains Marketing, LP P.O. Box 4648 Houston, TX 77210-4648	O
282301	Crestwood New Mexico Pipeline, LLC 801 Cherry Street, Ste 3400, Unit 20 Fort Worth, TX 76102	G

IV. Well Completion Data

²¹ Spud Date 6/28/2021	²² Ready Date 3/8/2022	²³ TD 21140'	²⁴ PBTD 21096'	²⁵ Perforations 11265' - 21013'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	380'		390 sx
9.875		8.625	9957'		650 sx
7.875		5.5	21130'		840 sx

V. Well Test Data

¹ Date New Oil 3/8/2022	³² Gas Delivery Date 3/8/2022	³³ Test Date 4/10/2022	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2677
³⁷ Choke Size 42/64	³⁸ Oil 928	³⁹ Water 3980	⁴⁰ Gas 7776		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Linda Good</i>		OIL CONSERVATION DIVISION Approved by: <i>Leonard Lowe</i>	
Printed name: Linda Good		Title: Petroleum Engineer	
Title: Contractor		Approval Date: 09/29/22	
E-mail Address: goodl_ctr@novoog.com		COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	
Date: 7/8/2022	Phone: 405-404-0414		

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

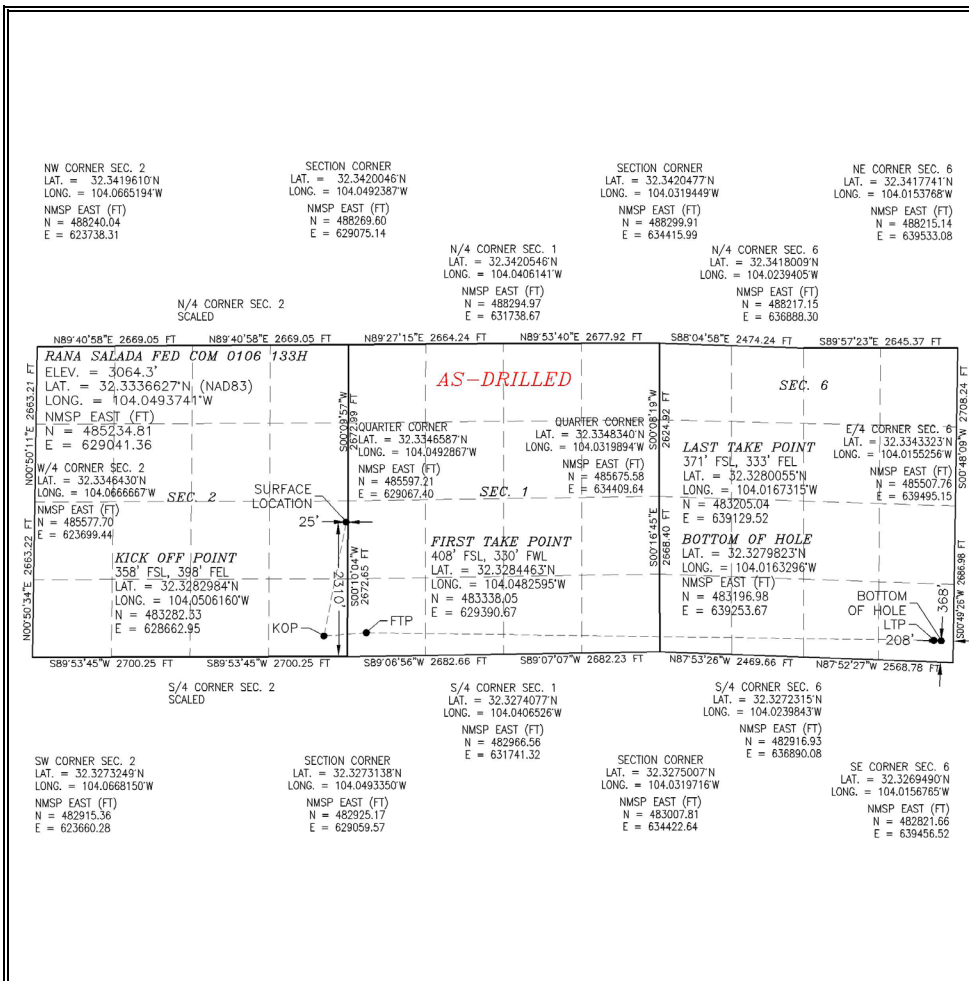
¹ API Number 30-015-48547	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp Gas Pool
⁴ Property Code 333651	⁵ Property Name RANA SALADA FED COM 0106	⁶ Well Number 133H
⁷ OGRID No. 372920	⁸ Operator Name NOVO OIL & GAS NORTHERN DELAWARE, LLC	⁹ Elevation 3064.3

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
I	2	23 S	28 E		2310	SOUTH	25	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	6	23 S	29 E		368	SOUTH	208	EAST	EDDY

¹² Dedicated Acres 633.49	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁷ 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 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.

Justin Carter 7/28/2021
Signature Date

Printed Name
Justin Carter
jcarter@novoog.com

E-mail Address

¹⁸ 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.

SEPTEMBER 28, 2021

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: **12797**
Surveyor No. **8121B**



NOVO Oil & Gas

EDDY CO., NM (NAD83)

SEC 02-T23S-R28E

Rana Salada Fed Com 0106 133H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

27 September, 2021





SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3089.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	EDDY CO., NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	SEC 02-T23S-R28E		
Site Position:		Northing:	485,314.80 usft
From:	Map	Easting:	629,041.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.33388
		Longitude:	-104.04938

Well	Rana Salada Fed Com 0106 133H		
Well Position	+N/-S	0.00 usft	Northing: 485,234.80 usft
	+E/-W	0.00 usft	Easting: 629,041.36 usft
Position Uncertainty	0.50 usft	Wellhead Elevation:	usft
Grid Convergence:	0.15 °	Ground Level:	3,064.30 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/2/2021	6.78	59.93	47,515.99717565

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	90.60	

Survey Program	Date	9/27/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
178.70	359.00	Invictus (Wellbore #1)	MWD	MWD - Standard	
498.00	21,140.00	SB MWD (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
178.70	1.40	357.64	178.68	2.18	-0.09	-0.11	0.78	0.78	0.00	
268.00	1.40	24.64	267.96	4.26	0.32	0.28	0.73	0.00	30.24	
359.00	1.40	32.64	358.93	6.21	1.38	1.32	0.21	0.00	8.79	
498.00	1.10	15.59	497.90	8.92	2.66	2.56	0.34	-0.22	-12.27	
590.00	1.05	17.18	589.88	10.58	3.14	3.03	0.06	-0.05	1.73	
682.00	0.79	14.63	681.87	12.00	3.55	3.43	0.29	-0.28	-2.77	
774.00	0.97	211.06	773.86	11.95	3.31	3.19	1.89	0.20	-177.79	
866.00	3.34	197.00	865.79	8.72	2.13	2.03	2.62	2.58	-15.28	



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Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
958.00	5.76	196.47	957.50	1.72	0.03	0.02	2.63	2.63	-0.58
1,050.00	7.47	199.73	1,048.88	-8.33	-3.29	-3.21	1.90	1.86	3.54
1,142.00	9.58	198.85	1,139.86	-21.21	-7.79	-7.57	2.30	2.29	-0.96
1,235.00	10.99	192.08	1,231.37	-37.20	-12.14	-11.75	1.99	1.52	-7.28
1,330.00	12.22	189.53	1,324.42	-55.97	-15.70	-15.12	1.40	1.29	-2.68
1,424.00	14.02	191.29	1,415.97	-76.95	-19.58	-18.77	1.96	1.91	1.87
1,519.00	14.77	193.13	1,507.98	-100.03	-24.58	-23.53	0.92	0.79	1.94
1,613.00	14.51	193.57	1,598.93	-123.15	-30.07	-28.78	0.30	-0.28	0.47
1,707.00	14.11	193.75	1,690.01	-145.72	-35.56	-34.03	0.43	-0.43	0.19
1,802.00	13.85	195.16	1,782.20	-167.95	-41.28	-39.52	0.45	-0.27	1.48
1,897.00	14.59	192.87	1,874.29	-190.59	-46.92	-44.92	0.98	0.78	-2.41
1,991.00	14.99	189.18	1,965.18	-214.13	-51.50	-49.25	1.09	0.43	-3.93
2,086.00	15.25	185.31	2,056.89	-238.70	-54.61	-52.11	1.10	0.27	-4.07
2,181.00	14.73	184.52	2,148.66	-263.18	-56.72	-53.96	0.59	-0.55	-0.83
2,275.00	14.77	181.53	2,239.56	-287.07	-57.98	-54.97	0.81	0.04	-3.18
2,369.00	16.79	183.20	2,330.02	-312.61	-59.06	-55.78	2.20	2.15	1.78
2,463.00	17.32	180.92	2,419.88	-340.15	-60.04	-56.48	0.91	0.56	-2.43
2,558.00	17.98	179.86	2,510.41	-368.96	-60.23	-56.37	0.77	0.69	-1.12
2,652.00	17.98	179.95	2,599.82	-397.97	-60.19	-56.02	0.03	0.00	0.10
2,747.00	17.05	180.39	2,690.41	-426.56	-60.27	-55.80	0.99	-0.98	0.46
2,842.00	16.31	179.77	2,781.42	-453.83	-60.31	-55.55	0.80	-0.78	-0.65
2,937.00	16.97	179.16	2,872.44	-481.03	-60.05	-55.01	0.72	0.69	-0.64
3,031.00	17.93	177.84	2,962.11	-509.21	-59.31	-53.97	1.10	1.02	-1.40
3,125.00	18.73	177.05	3,051.34	-538.74	-57.98	-52.34	0.89	0.85	-0.84
3,220.00	18.99	178.72	3,141.24	-569.42	-56.85	-50.89	0.63	0.27	1.76
3,314.00	18.20	181.36	3,230.33	-599.39	-56.86	-50.58	1.23	-0.84	2.81
3,408.00	17.14	185.31	3,319.90	-627.86	-58.49	-51.91	1.70	-1.13	4.20
3,504.00	16.57	186.72	3,411.78	-655.54	-61.40	-54.53	0.73	-0.59	1.47
3,598.00	14.51	190.23	3,502.34	-680.44	-65.06	-57.93	2.41	-2.19	3.73
3,674.00	13.01	192.78	3,576.16	-698.16	-68.65	-61.33	2.13	-1.97	3.36
3,768.00	12.40	191.46	3,667.85	-718.37	-72.99	-65.47	0.72	-0.65	-1.40
3,862.00	12.92	190.50	3,759.57	-738.59	-76.91	-69.17	0.60	0.55	-1.02
3,957.00	13.36	189.97	3,852.08	-759.84	-80.75	-72.79	0.48	0.46	-0.56
4,051.00	13.93	189.09	3,943.43	-781.71	-84.42	-76.23	0.65	0.61	-0.94
4,146.00	14.29	193.84	4,035.56	-804.39	-89.03	-80.60	1.28	0.38	5.00
4,240.00	14.33	195.68	4,126.65	-826.85	-94.95	-86.28	0.49	0.04	1.96
4,335.00	14.20	194.63	4,218.72	-849.45	-101.07	-92.17	0.30	-0.14	-1.11
4,429.00	14.42	194.01	4,309.80	-871.96	-106.81	-97.68	0.29	0.23	-0.66
4,523.00	15.25	193.92	4,400.67	-895.32	-112.62	-103.24	0.88	0.88	-0.10
4,618.00	16.40	193.75	4,492.07	-920.47	-118.81	-109.17	1.21	1.21	-0.18
4,713.00	15.87	193.66	4,583.32	-946.12	-125.07	-115.15	0.56	-0.56	-0.09
4,808.00	14.07	194.45	4,675.10	-969.93	-131.02	-120.85	1.91	-1.89	0.83
4,902.00	11.96	199.90	4,766.68	-990.15	-137.19	-126.81	2.59	-2.24	5.80



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3089.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,996.00	11.30	200.25	4,858.75	-1,007.95	-143.69	-133.13	0.71	-0.70	0.37
5,091.00	11.25	200.17	4,951.92	-1,025.38	-150.10	-139.36	0.06	-0.05	-0.08
5,186.00	11.12	199.29	5,045.11	-1,042.73	-156.33	-145.40	0.23	-0.14	-0.93
5,280.00	10.46	198.58	5,137.45	-1,059.37	-162.04	-150.94	0.72	-0.70	-0.76
5,374.00	9.76	199.37	5,229.99	-1,074.97	-167.40	-156.14	0.76	-0.74	0.84
5,468.00	9.71	199.37	5,322.64	-1,089.97	-172.67	-161.25	0.05	-0.05	0.00
5,563.00	9.19	198.23	5,416.35	-1,104.73	-177.70	-166.12	0.58	-0.55	-1.20
5,658.00	10.37	201.31	5,509.96	-1,119.90	-183.18	-171.45	1.36	1.24	3.24
5,753.00	12.26	205.44	5,603.12	-1,136.98	-190.62	-178.71	2.16	1.99	4.35
5,847.00	14.68	206.76	5,694.52	-1,156.63	-200.28	-188.15	2.60	2.57	1.40
5,941.00	15.47	204.82	5,785.29	-1,178.64	-210.90	-198.55	1.00	0.84	-2.06
6,036.00	15.16	203.51	5,876.91	-1,201.54	-221.18	-208.58	0.49	-0.33	-1.38
6,130.00	15.52	202.89	5,967.57	-1,224.39	-230.97	-218.14	0.42	0.38	-0.66
6,225.00	16.13	200.69	6,058.97	-1,248.45	-240.58	-227.49	0.90	0.64	-2.32
6,319.00	16.88	196.56	6,149.09	-1,273.74	-249.08	-235.73	1.48	0.80	-4.39
6,413.00	16.00	195.51	6,239.25	-1,299.31	-256.43	-242.81	0.99	-0.94	-1.12
6,508.00	15.25	193.40	6,330.74	-1,324.08	-262.83	-248.95	0.99	-0.79	-2.22
6,603.00	13.93	191.29	6,422.68	-1,347.45	-267.97	-253.84	1.50	-1.39	-2.22
6,698.00	12.40	189.71	6,515.18	-1,368.72	-271.92	-257.58	1.65	-1.61	-1.66
6,793.00	12.79	194.45	6,607.89	-1,388.95	-276.27	-261.71	1.16	0.41	4.99
6,887.00	12.79	193.92	6,699.56	-1,409.13	-281.37	-266.60	0.12	0.00	-0.56
6,982.00	14.81	192.87	6,791.81	-1,431.18	-286.60	-271.60	2.14	2.13	-1.11
7,077.00	14.29	193.31	6,883.77	-1,454.42	-292.01	-276.76	0.56	-0.55	0.46
7,172.00	13.76	188.56	6,975.94	-1,477.00	-296.39	-280.90	1.33	-0.56	-5.00
7,267.00	13.27	185.84	7,068.31	-1,499.02	-299.18	-283.47	0.84	-0.52	-2.86
7,361.00	14.29	185.58	7,159.60	-1,521.30	-301.40	-285.46	1.09	1.09	-0.28
7,455.00	14.81	186.81	7,250.59	-1,544.78	-303.96	-287.76	0.64	0.55	1.31
7,550.00	15.43	185.66	7,342.30	-1,569.41	-306.64	-290.19	0.72	0.65	-1.21
7,644.00	13.80	184.61	7,433.25	-1,593.03	-308.78	-292.08	1.76	-1.73	-1.12
7,739.00	11.87	184.34	7,525.87	-1,614.07	-310.43	-293.51	2.03	-2.03	-0.28
7,834.00	10.90	186.54	7,619.00	-1,632.74	-312.19	-295.08	1.12	-1.02	2.32
7,928.00	12.70	186.54	7,711.01	-1,651.83	-314.38	-297.07	1.91	1.91	0.00
8,022.00	14.11	185.58	7,802.45	-1,673.50	-316.67	-299.13	1.52	1.50	-1.02
8,117.00	10.90	187.77	7,895.19	-1,693.93	-319.01	-301.26	3.42	-3.38	2.31
8,212.00	10.95	193.92	7,988.47	-1,711.59	-322.40	-304.46	1.23	0.05	6.47
8,306.00	12.26	190.59	8,080.54	-1,730.07	-326.38	-308.24	1.56	1.39	-3.54
8,401.00	14.86	184.52	8,172.89	-1,752.13	-329.19	-310.83	3.12	2.74	-6.39
8,495.00	15.56	183.82	8,263.60	-1,776.73	-330.98	-312.36	0.77	0.74	-0.74
8,589.00	16.18	182.76	8,354.02	-1,802.39	-332.45	-313.56	0.73	0.66	-1.13
8,684.00	16.04	183.20	8,445.29	-1,828.71	-333.82	-314.66	0.20	-0.15	0.46
8,779.00	12.13	179.60	8,537.41	-1,851.81	-334.49	-315.08	4.22	-4.12	-3.79
8,873.00	8.66	182.06	8,629.86	-1,868.76	-334.67	-315.09	3.72	-3.69	2.62
8,968.00	7.30	184.26	8,723.94	-1,881.93	-335.38	-315.65	1.47	-1.43	2.32



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
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Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,062.00	6.02	188.21	8,817.30	-1,892.76	-336.53	-316.69	1.45	-1.36	4.20	
9,156.00	5.14	190.15	8,910.85	-1,901.79	-337.97	-318.04	0.96	-0.94	2.06	
9,251.00	3.08	192.61	9,005.60	-1,908.47	-339.28	-319.28	2.18	-2.17	2.59	
9,345.00	3.96	186.63	9,099.43	-1,914.16	-340.21	-320.14	1.01	0.94	-6.36	
9,439.00	3.65	214.05	9,193.23	-1,919.86	-342.26	-322.13	1.94	-0.33	29.17	
9,534.00	3.60	224.77	9,288.04	-1,924.48	-346.05	-325.88	0.71	-0.05	11.28	
9,629.00	3.69	227.67	9,382.85	-1,928.66	-350.41	-330.19	0.22	0.09	3.05	
9,724.00	3.82	229.87	9,477.64	-1,932.76	-355.09	-334.83	0.20	0.14	2.32	
9,819.00	3.91	230.66	9,572.43	-1,936.85	-360.01	-339.71	0.11	0.09	0.83	
9,913.00	4.13	232.51	9,666.19	-1,940.94	-365.18	-344.83	0.27	0.23	1.97	
9,977.00	4.13	230.22	9,730.03	-1,943.82	-368.78	-348.40	0.26	0.00	-3.58	
10,071.00	4.04	226.53	9,823.79	-1,948.26	-373.78	-353.36	0.30	-0.10	-3.93	
10,166.00	3.96	224.25	9,918.56	-1,952.91	-378.50	-358.03	0.19	-0.08	-2.40	
10,260.00	7.25	125.90	10,012.25	-1,958.73	-375.96	-355.42	9.30	3.50	-104.63	
10,354.00	20.04	110.17	10,103.43	-1,967.80	-355.94	-335.32	14.05	13.61	-16.73	
10,449.00	30.73	93.20	10,189.25	-1,974.80	-316.26	-295.57	13.51	11.25	-17.86	
10,543.00	33.63	94.96	10,268.80	-1,978.39	-266.34	-245.61	3.24	3.09	1.87	
10,638.00	46.07	88.81	10,341.62	-1,979.96	-205.67	-184.92	13.72	13.09	-6.47	
10,732.00	54.02	77.56	10,402.05	-1,971.03	-134.44	-113.79	12.46	8.46	-11.97	
10,827.00	59.60	77.12	10,454.03	-1,953.61	-56.90	-36.44	5.89	5.87	-0.46	
10,917.47	60.41	76.02	10,499.26	-1,935.41	19.30	39.57	1.38	0.89	-1.21	
Cross SEC: 359.00' MD 358.93'; 375' FSL										
10,921.00	60.44	75.98	10,501.01	-1,934.66	22.28	42.54	1.38	0.90	-1.20	
11,015.00	71.52	80.72	10,539.23	-1,917.51	106.24	126.32	12.65	11.79	5.04	
11,110.00	81.63	87.49	10,561.28	-1,908.15	197.99	217.96	12.69	10.64	7.13	
11,204.00	88.84	85.47	10,569.08	-1,902.40	291.42	311.33	7.96	7.67	-2.15	
11,260.05	88.86	84.74	10,570.21	-1,897.61	347.26	367.11	1.31	0.04	-1.31	
FTP Rana Salada 133H 380' FSL 330' FWL										
11,262.21	88.86	84.71	10,570.25	-1,897.41	349.41	369.26	1.31	0.04	-1.31	
HL: 359.00' MD 358.93' TVD; 407' FSL										
11,298.00	88.88	84.24	10,570.96	-1,893.97	385.02	404.84	1.31	0.04	-1.31	
11,323.00	88.88	85.56	10,571.44	-1,891.75	409.92	429.71	5.28	0.00	5.28	
11,417.00	89.41	88.28	10,572.85	-1,886.70	503.76	523.49	2.95	0.56	2.89	
11,512.00	89.36	88.90	10,573.87	-1,884.36	598.73	618.43	0.65	-0.05	0.65	
11,607.00	89.58	89.25	10,574.75	-1,882.83	693.71	713.39	0.44	0.23	0.37	
11,702.00	89.49	90.74	10,575.52	-1,882.82	788.71	808.38	1.57	-0.09	1.57	
11,796.00	89.19	87.75	10,576.60	-1,881.58	882.68	902.34	3.20	-0.32	-3.18	
11,891.00	89.76	87.49	10,577.47	-1,877.64	977.59	997.20	0.66	0.60	-0.27	
11,985.00	89.76	88.54	10,577.86	-1,874.38	1,071.54	1,091.11	1.12	0.00	1.12	
12,079.00	89.49	87.40	10,578.48	-1,871.05	1,165.47	1,185.00	1.25	-0.29	-1.21	
12,173.00	89.80	86.87	10,579.06	-1,866.35	1,259.35	1,278.83	0.65	0.33	-0.56	
12,268.00	89.63	87.31	10,579.53	-1,861.53	1,354.23	1,373.65	0.50	-0.18	0.46	
12,363.00	89.80	87.67	10,580.01	-1,857.37	1,449.14	1,468.51	0.42	0.18	0.38	
12,457.00	89.89	90.04	10,580.26	-1,855.49	1,543.11	1,562.46	2.52	0.10	2.52	



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3089.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,552.00	88.62	89.60	10,581.50	-1,855.19	1,638.10	1,657.44	1.41	-1.34	-0.46
12,646.00	88.40	89.95	10,583.94	-1,854.82	1,732.07	1,751.40	0.44	-0.23	0.37
12,741.00	88.18	89.69	10,586.77	-1,854.52	1,827.03	1,846.35	0.36	-0.23	-0.27
12,836.00	87.38	88.81	10,590.45	-1,853.28	1,921.94	1,941.25	1.25	-0.84	-0.93
12,930.00	88.00	89.16	10,594.24	-1,851.62	2,015.85	2,035.13	0.76	0.66	0.37
13,025.00	88.09	89.51	10,597.48	-1,850.52	2,110.79	2,130.05	0.38	0.09	0.37
13,119.00	90.59	91.18	10,598.57	-1,851.08	2,204.77	2,224.03	3.20	2.66	1.78
13,214.00	90.59	91.88	10,597.59	-1,853.62	2,299.73	2,319.02	0.74	0.00	0.74
13,309.00	91.08	91.88	10,596.20	-1,856.74	2,394.67	2,413.98	0.52	0.52	0.00
13,404.00	91.21	91.97	10,594.31	-1,859.93	2,489.60	2,508.94	0.17	0.14	0.09
13,498.00	92.22	93.11	10,591.49	-1,864.09	2,583.46	2,602.84	1.62	1.07	1.21
13,592.00	90.07	90.48	10,589.61	-1,867.03	2,677.38	2,696.79	3.61	-2.29	-2.80
13,687.00	88.97	88.19	10,590.41	-1,865.93	2,772.36	2,791.75	2.67	-1.16	-2.41
13,782.00	87.52	84.94	10,593.32	-1,860.24	2,867.13	2,886.46	3.74	-1.53	-3.42
13,876.00	87.30	86.52	10,597.57	-1,853.25	2,960.77	2,980.02	1.70	-0.23	1.68
13,971.00	88.79	88.19	10,600.81	-1,848.87	3,055.61	3,074.81	2.36	1.57	1.76
14,065.00	89.58	89.16	10,602.15	-1,846.70	3,149.58	3,168.74	1.33	0.84	1.03
14,159.00	87.65	85.56	10,604.42	-1,842.37	3,243.43	3,262.54	4.34	-2.05	-3.83
14,254.00	90.29	86.35	10,606.13	-1,835.67	3,338.17	3,357.21	2.90	2.78	0.83
14,348.00	90.42	88.28	10,605.54	-1,831.27	3,432.06	3,451.05	2.06	0.14	2.05
14,443.00	90.24	87.93	10,605.00	-1,828.13	3,527.00	3,545.95	0.41	-0.19	-0.37
14,515.26	90.68	89.62	10,604.42	-1,826.58	3,599.24	3,618.17	2.42	0.61	2.34
Interp @ 10515.00 (Rana Salada Fed Com 0106 133H W)									
14,537.00	90.81	90.13	10,604.14	-1,826.54	3,620.98	3,639.91	2.42	0.61	2.34
14,631.00	90.68	89.69	10,602.91	-1,826.39	3,714.97	3,733.89	0.49	-0.14	-0.47
14,716.02	89.29	90.40	10,602.94	-1,826.46	3,799.99	3,818.91	1.84	-1.64	0.84
Nudge begins									
14,725.00	89.14	90.48	10,603.06	-1,826.53	3,808.97	3,827.89	1.84	-1.64	0.84
14,820.00	89.05	90.39	10,604.56	-1,827.25	3,903.95	3,922.87	0.13	-0.09	-0.09
14,914.00	88.44	89.86	10,606.62	-1,827.45	3,997.93	4,016.85	0.86	-0.65	-0.56
15,009.00	88.84	90.83	10,608.88	-1,828.03	4,092.90	4,111.82	1.10	0.42	1.02
15,103.00	89.23	91.44	10,610.46	-1,829.89	4,186.87	4,205.80	0.77	0.41	0.65
15,198.00	89.32	90.74	10,611.66	-1,831.69	4,281.84	4,300.79	0.74	0.09	-0.74
15,292.00	89.63	91.18	10,612.52	-1,833.27	4,375.83	4,394.78	0.57	0.33	0.47
15,387.00	88.13	89.77	10,614.38	-1,834.06	4,470.80	4,489.76	2.17	-1.58	-1.48
15,481.00	88.97	92.06	10,616.76	-1,835.56	4,564.75	4,583.72	2.59	0.89	2.44
15,575.00	89.19	93.20	10,618.27	-1,839.87	4,658.64	4,677.65	1.23	0.23	1.21
15,670.00	87.60	90.74	10,620.93	-1,843.14	4,753.53	4,772.57	3.08	-1.67	-2.59
15,764.00	88.04	92.32	10,624.50	-1,845.64	4,847.43	4,866.49	1.74	0.47	1.68
15,858.00	87.78	91.80	10,627.93	-1,849.02	4,941.30	4,960.40	0.62	-0.28	-0.55
15,952.00	88.26	90.83	10,631.18	-1,851.18	5,035.22	5,054.33	1.15	0.51	-1.03
16,047.00	87.69	89.69	10,634.54	-1,851.61	5,130.16	5,149.27	1.34	-0.60	-1.20
16,142.00	90.68	89.42	10,635.89	-1,850.87	5,225.14	5,244.23	3.16	3.15	-0.28
16,236.00	90.64	89.34	10,634.81	-1,849.85	5,319.13	5,338.20	0.10	-0.04	-0.09



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3089.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
16,292.64	90.40	89.08	10,634.29	-1,849.07	5,375.75	5,394.82	0.63	-0.42	-0.46	
Mid Lateral TGT										
16,297.68	90.38	89.05	10,634.26	-1,848.99	5,380.80	5,399.86	0.63	-0.42	-0.46	
Cross SEC: 359.00' MD 358.93'; 378' FSL										
16,331.00	90.24	88.90	10,634.08	-1,848.39	5,414.11	5,433.17	0.63	-0.42	-0.46	
16,425.00	90.02	88.72	10,633.86	-1,846.44	5,508.09	5,527.12	0.30	-0.23	-0.19	
16,520.00	89.01	89.51	10,634.67	-1,844.97	5,603.07	5,622.09	1.35	-1.06	0.83	
16,614.00	88.92	91.62	10,636.36	-1,845.90	5,697.05	5,716.07	2.25	-0.10	2.24	
16,708.00	85.71	91.36	10,640.77	-1,848.34	5,790.90	5,809.94	3.43	-3.41	-0.28	
16,802.00	86.55	91.09	10,647.11	-1,850.35	5,884.66	5,903.72	0.94	0.89	-0.29	
16,897.00	87.60	91.00	10,651.96	-1,852.08	5,979.52	5,998.59	1.11	1.11	-0.09	
16,992.00	89.76	91.27	10,654.15	-1,853.96	6,074.47	6,093.56	2.29	2.27	0.28	
17,086.00	90.20	90.65	10,654.18	-1,855.53	6,168.46	6,187.55	0.81	0.47	-0.66	
17,181.00	89.67	90.39	10,654.29	-1,856.40	6,263.46	6,282.55	0.62	-0.56	-0.27	
17,276.00	87.69	90.39	10,656.48	-1,857.04	6,358.42	6,377.52	2.08	-2.08	0.00	
17,370.00	89.23	90.57	10,659.00	-1,857.83	6,452.38	6,471.48	1.65	1.64	0.19	
17,465.00	88.57	90.74	10,660.83	-1,858.91	6,547.36	6,566.47	0.72	-0.69	0.18	
17,560.00	88.70	91.44	10,663.09	-1,860.72	6,642.31	6,661.44	0.75	0.14	0.74	
17,653.00	88.53	91.80	10,665.34	-1,863.35	6,735.25	6,754.39	0.43	-0.18	0.39	
17,748.00	90.24	92.24	10,666.36	-1,866.70	6,830.18	6,849.35	1.86	1.80	0.46	
17,842.00	89.98	91.44	10,666.18	-1,869.72	6,924.13	6,943.33	0.89	-0.28	-0.85	
17,937.00	88.84	90.39	10,667.16	-1,871.23	7,019.11	7,038.32	1.63	-1.20	-1.11	
18,031.00	86.99	90.57	10,670.58	-1,872.02	7,113.04	7,132.26	1.98	-1.97	0.19	
18,125.00	89.27	91.97	10,673.64	-1,874.10	7,206.96	7,226.19	2.85	2.43	1.49	
18,220.00	89.80	91.88	10,674.41	-1,877.29	7,301.90	7,321.16	0.57	0.56	-0.09	
18,315.00	88.75	91.36	10,675.62	-1,879.98	7,396.86	7,416.14	1.23	-1.11	-0.55	
18,409.00	89.27	90.83	10,677.24	-1,881.78	7,490.82	7,510.12	0.79	0.55	-0.56	
18,504.00	88.04	90.92	10,679.47	-1,883.23	7,585.79	7,605.09	1.30	-1.29	0.09	
18,599.00	90.73	94.96	10,680.49	-1,888.10	7,680.63	7,699.98	5.11	2.83	4.25	
18,694.00	91.25	96.89	10,678.85	-1,897.90	7,775.10	7,794.55	2.10	0.55	2.03	
18,788.00	91.96	95.49	10,676.21	-1,908.03	7,868.51	7,888.06	1.67	0.76	-1.49	
18,882.00	90.90	95.75	10,673.87	-1,917.24	7,962.03	7,981.67	1.16	-1.13	0.28	
18,977.00	89.71	94.78	10,673.36	-1,925.95	8,056.63	8,076.35	1.62	-1.25	-1.02	
19,072.00	88.75	94.17	10,674.64	-1,933.36	8,151.33	8,171.12	1.20	-1.01	-0.64	
19,167.00	88.35	93.91	10,677.04	-1,940.06	8,246.06	8,265.92	0.50	-0.42	-0.27	
19,261.00	88.00	93.99	10,680.04	-1,946.53	8,339.79	8,359.71	0.38	-0.37	0.09	
19,356.00	87.60	93.91	10,683.68	-1,953.07	8,434.49	8,454.48	0.43	-0.42	-0.08	
19,451.00	87.08	93.91	10,688.09	-1,959.54	8,529.17	8,549.22	0.55	-0.55	0.00	
19,545.00	87.91	93.73	10,692.20	-1,965.79	8,622.87	8,642.98	0.90	0.88	-0.19	
19,640.00	87.34	93.91	10,696.14	-1,972.12	8,717.58	8,737.75	0.63	-0.60	0.19	
19,734.00	87.96	91.97	10,699.99	-1,976.93	8,811.37	8,831.59	2.17	0.66	-2.06	
19,829.00	87.30	92.15	10,703.92	-1,980.35	8,906.23	8,926.47	0.72	-0.69	0.19	
19,923.00	87.30	91.44	10,708.35	-1,983.29	9,000.07	9,020.35	0.75	0.00	-0.76	
20,017.00	86.55	91.09	10,713.39	-1,985.36	9,093.92	9,114.21	0.88	-0.80	-0.37	



SB Directional Survey Report

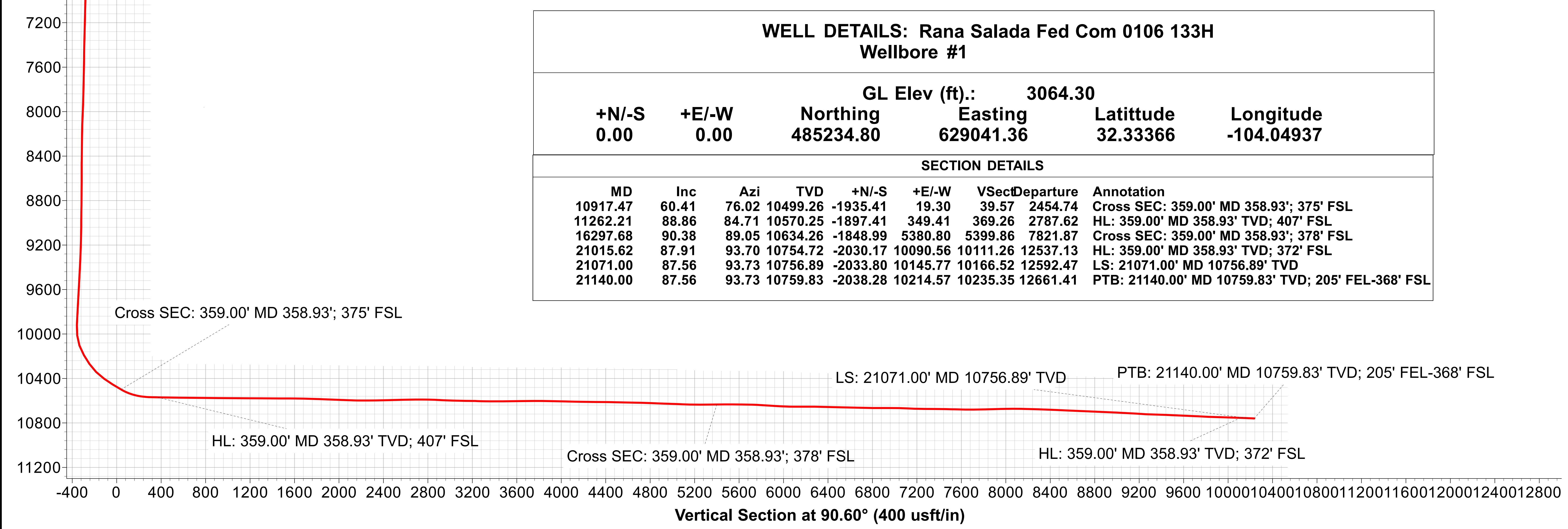
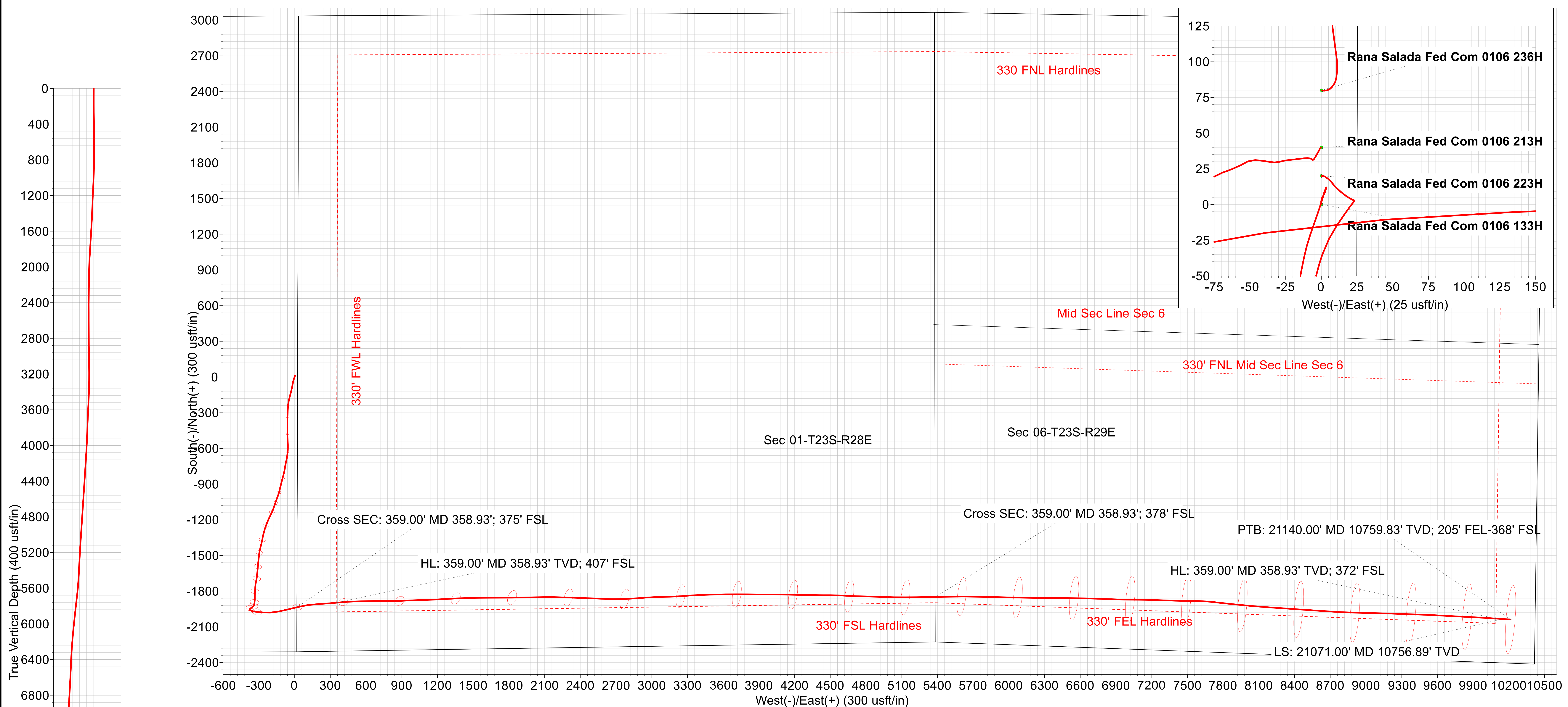


Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 133H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3089.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3089.30usft
Well:	Rana Salada Fed Com 0106 133H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,112.00	86.59	91.88	10,719.08	-1,987.82	9,188.71	9,209.02	0.83	0.04	0.83
20,207.00	88.04	91.80	10,723.53	-1,990.86	9,283.56	9,303.90	1.53	1.53	-0.08
20,301.00	88.26	92.32	10,726.56	-1,994.24	9,377.45	9,397.82	0.60	0.23	0.55
20,395.00	87.03	91.80	10,730.42	-1,997.62	9,471.30	9,491.70	1.42	-1.31	-0.55
20,490.00	87.69	92.94	10,734.80	-2,001.54	9,566.12	9,586.56	1.39	0.69	1.20
20,585.00	87.78	93.29	10,738.55	-2,006.70	9,660.91	9,681.39	0.38	0.09	0.37
20,679.00	86.64	92.76	10,743.13	-2,011.65	9,754.66	9,775.19	1.34	-1.21	-0.56
20,774.00	88.48	92.67	10,747.17	-2,016.15	9,849.46	9,870.04	1.94	1.94	-0.09
20,869.00	88.18	93.38	10,749.94	-2,021.16	9,944.29	9,964.91	0.81	-0.32	0.75
20,963.00	88.18	93.55	10,752.93	-2,026.84	10,038.07	10,058.75	0.18	0.00	0.18
21,015.62	87.91	93.70	10,754.72	-2,030.17	10,090.56	10,111.26	0.60	-0.52	0.29
HL: 359.00' MD 358.93' TVD; 372' FSL									
21,057.00	87.69	93.82	10,756.31	-2,032.88	10,131.82	10,152.55	0.60	-0.52	0.29
21,071.00	87.56	93.73	10,756.89	-2,033.80	10,145.77	10,166.52	1.13	-0.93	-0.64
LS: 21071.00' MD 10756.89' TVD									
21,140.00	87.56	93.73	10,759.83	-2,038.28	10,214.57	10,235.35	0.00	0.00	0.00
PTB: 21140.00' MD 10759.83' TVD; 205' FEL-368' FSL - PBHL Rana Salada 133H 380' FSL 130' FEL									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,917.47	10,499.26	-1,935.41	19.30	Cross SEC: 359.00' MD 358.93'; 375' FSL
11,262.21	10,570.25	-1,897.41	349.41	HL: 359.00' MD 358.93' TVD; 407' FSL
16,297.68	10,634.26	-1,848.99	5,380.80	Cross SEC: 359.00' MD 358.93'; 378' FSL
21,015.62	10,754.72	-2,030.17	10,090.56	HL: 359.00' MD 358.93' TVD; 372' FSL
21,071.00	10,756.89	-2,033.80	10,145.77	LS: 21071.00' MD 10756.89' TVD
21,140.00	10,759.83	-2,038.28	10,214.57	PTB: 21140.00' MD 10759.83' TVD; 205' FEL-368' FSL

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



WELL DETAILS: Rana Salada Fed Com 0106 133H									
Wellbore #1									
GL Elev (ft).: 3064.30									
+N/-S	+E/-W	Northing		Easting		Latitude		Longitude	
0.00	0.00	485234.80		629041.36		32.33366		-104.04937	
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
10917.47	60.41	76.02	10499.26	-1935.41	19.30	39.57	2454.74	Cross SEC: 359.00' MD 358.93'; 375' FSL	
11262.21	88.86	84.71	10570.25	-1897.41	349.41	369.26	2787.62	HL: 359.00' MD 358.93' TVD; 407' FSL	
16297.68	90.38	89.05	10634.26	-1848.99	5380.80	5399.86	7821.87	Cross SEC: 359.00' MD 358.93'; 378' FSL	
21015.62	87.91	93.70	10754.72	-2030.17	10090.56	10111.26	12537.13	HL: 359.00' MD 358.93' TVD; 372' FSL	
21071.00	87.56	93.73	10756.89	-2033.80	10145.77	10166.52	12592.47	LS: 21071.00' MD 10756.89' TVD	
21140.00	87.56	93.73	10759.83	-2038.28	10214.57	10235.35	12661.41	PTB: 21140.00' MD 10759.83' TVD; 205' FEL-368' FSL	

Project: EDDY CO., NM (NAD83)
Site: SEC 02-T23S-R28E
Well: Rana Salada Fed Com 0106 133H
Wellbore: Wellbore #1
Design: Wellbore #1

Azimuths to Grid North
True North: -0.15°
Magnetic North: 6.63°

Magnetic Field
Strength: 47516.0nT
Dip Angle: 59.93°
Date: 6/2/2021
Model: IGRF2020

Intent ☐ As Drilled ☒

API # 30-015-48547		
Operator Name: NOVO OIL & GAS NORTHERN DELAWARE, LLC	Property Name: RANA SALADA FED COM 0106	Well Number 133H

Kick Off Point (KOP)

UL P	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	2	23S	28E		358	SOUTH	398	EAST	EDDY
Latitude 32.3282984					Longitude 104.0506160				NAD 83

First Take Point (FTP)

UL M	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	1	23S	28E		408	SOUTH	330	WEST	EDDY
Latitude 32.3284463					Longitude 104.0482595				NAD 83

Last Take Point (LTP)

UL P	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	6	23S	29E		371	SOUTH	333	EAST	EDDY
Latitude 32.3280055					Longitude 104.0167315				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐ YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-48546		
Operator Name: Novo Oil & Gas Northern Delaware, LLC	Property Name: Rana Salada Fed Com 0106	Well Number 213H

KZ 06/29/2018

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-48547
5. Indicate Type of Lease FEDERAL STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rana Salada Fed Com 0106
8. Well Number 133H
9. OGRID Number 372920
10. Pool name or Wildcat Purple Sage; Wolfcamp Gas Pool
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3064 GR

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Novo Oil & Gas Northern Delaware, LLC

3. Address of Operator
1001 W. Wilshire Blvd., Suite 206, Oklahoma City, OK 73116 405-404-0414

4. Well Location
 Unit Letter I : 2310 feet from the SOUTH line and 25 feet from the EAST line
 Section 2 Township 23S Range 28E NMPM County EDDY

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Frac Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1/17/2022 - 2/5/2022: MIRU WL & PT csg to 14,500 psi for 30 min, OK. TIH & ran CBL, TOC @ 7957'. TIH w/pump through frac plug and guns. Perf Wolfcamp @ 11265' - 21013' w/1032 holes total. Frac totals: 591,853 bbl fluid & 2 4,859,840# prop. ND frac, MIRU PU, NU BOP, DO plugs. CHC, FWB, ND BOP. TOP. No tubing ran.

Spud Date:

6/28/2021

Rig Release Date:

9/12/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Linda Good TITLE Contractor DATE 4/12/2022

Type or print name Linda Good E-mail address: goodl_ctr@novoog.com PHONE: 405-404-0414

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017												
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Rana Salada Fed Com 0106 6. Well Number: 133H												
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____																		
8. Name of Operator Novo Oil & Gas Northern Delaware, LLC						9. OGRID 372920												
10. Address of Operator 1001 West Wilshire Blvd., Oklahoma City, OK 73116 405-404-0414						11. Pool name or Wildcat Purple Sage; Wolfcamp Gas Pool												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	I	2	23S	28E		2310	SOUTH	25	EAST	EDDY								
BH:	P	6	23S	29E		368	SOUTH	208	EAST	EDDY								
13. Date Spudded 6/28/2021	14. Date T.D. Reached 9/12/2021		15. Date Rig Released 9/12/2021		16. Date Completed (Ready to Produce) 3/8/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3064' GR										
18. Total Measured Depth of Well 21140'			19. Plug Back Measured Depth 21096'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run GR										
22. Producing Interval(s), of this completion - Top, Bottom, Name 11265' - 21013' Wolfcamp																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
13.375		54.5		380'		17.5		390										
8.625		32		9957'		9.875		650										
5.5		20		21230'		7.875		840										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD												
						SIZE		DEPTH SET		PACKER SET								
						NONE												
26. Perforation record (interval, size, and number) 11265' - 21013' - 0.42", 1032 Holes total						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>11265' - 21013'</td> <td>Frac totals: 6,433,494 bbl fluid & 24,859,840# prop</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11265' - 21013'	Frac totals: 6,433,494 bbl fluid & 24,859,840# prop				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
11265' - 21013'	Frac totals: 6,433,494 bbl fluid & 24,859,840# prop																	
28. PRODUCTION																		
Date First Production 3/8/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing												
Date of Test 4/10/2022	Hours Tested 24	Choke Size 42/64	Prod'n For Test Period	Oil - Bbl 928	Gas - MCF 7776	Water - Bbl. 3980	Gas - Oil Ratio 8.38											
Flow Tubing Press.	Casing Pressure 2677	Calculated 24-Hour Rate	Oil - Bbl. 928	Gas - MCF 7776	Water - Bbl. 3980	Oil Gravity - API - (<i>Corr.</i>) 53.03												
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By										
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date: 9/12/2021										
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude _____ Longitude _____ NAD83																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature			Printed Name Linda Good		Title Contractor		Date 4/12/2022											
E-mail Address goodl_ctr@novoog.com																		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy RUSTLER 336	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt SALADO 787	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2889	T. Morrison	
T. Drinkard	T. Bone Springs 6548	T. Todilto	
T. Abo	T. CASTILE 1417	T. Entrada	
T. Wolfcamp 9898	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

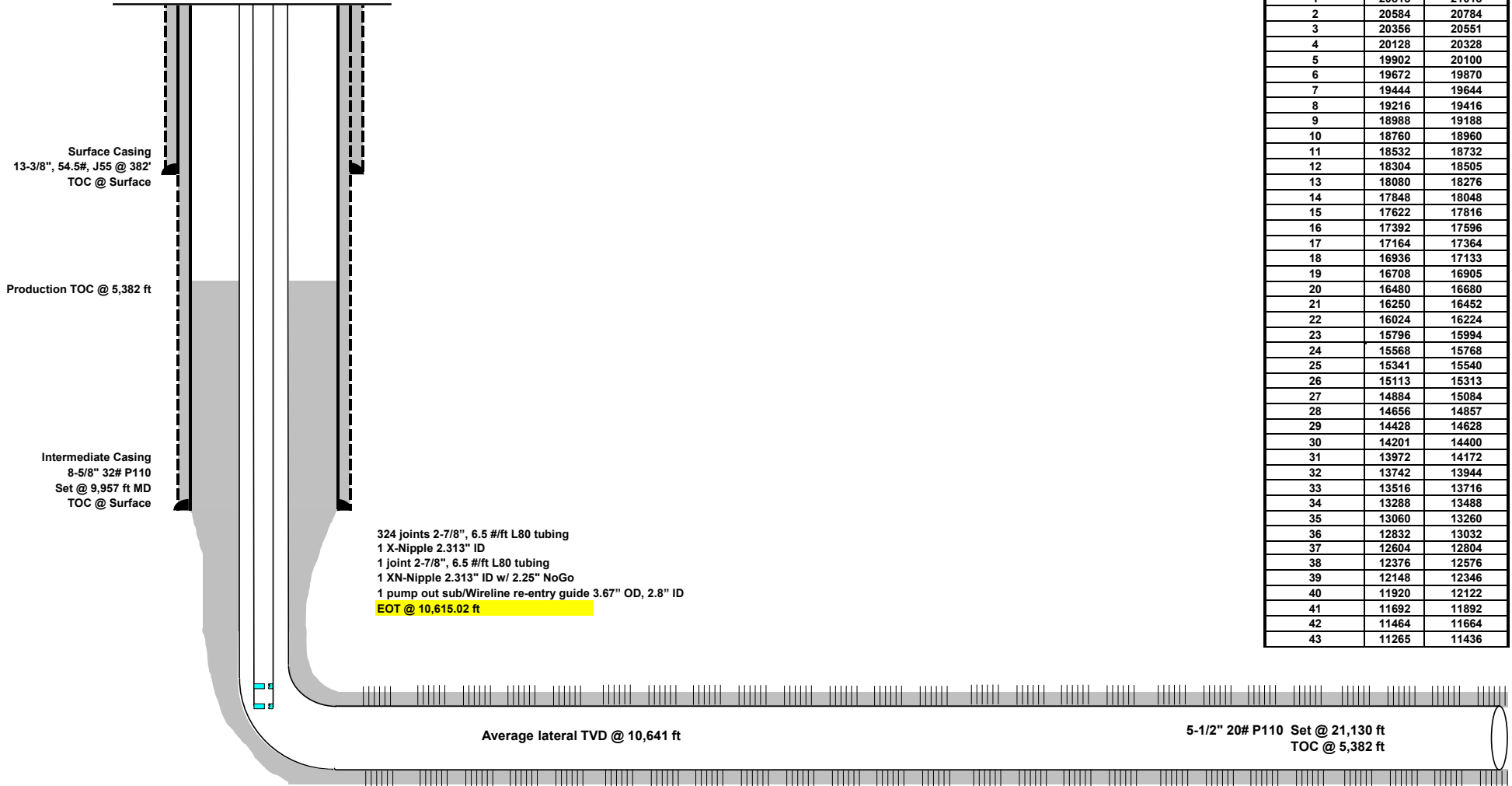
No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

Current Completion



WELL NAME		RANA SALADA FED COM 0106 133H		FORMATION	WOLCAMP B
SURFACE LOCATION		2,310' FSL & 25' FEL OF SEC 02-T23S-R28E		API Number	30-015-48547
SURFACE LOCATION	N	485234.8	E	629041.36	
	LATITUDE	32.3336627	LONGITUDE	-104.0493741	
BOTTOM-HOLE LOCATION	N		E		
	LATITUDE		LONGITUDE		
ELEVATION	GL	3,064	COUNTY	EDDY	FIELD
	KB / RKB	27' / 3,091.30'	STATE	NEW MEXICO	TVD/TMD
					NORTHERN DELWARE BASIN
					10,641' / 21,130'



Schematic by Paul Jobe Senior Operations Engineer Date: May 24, 2022

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 123799

ACKNOWLEDGMENTS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 123799
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 123799

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 123799
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/29/2022