

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 - 0 15-48546	⁵ Pool Name Purple Sage; Wolfcamp Gas Pool		⁶ Pool Code 98220
⁷ Property Code 333651 330651	⁸ Property Name Rana Salada Fed Com 0106		⁹ Well Number 213H

II. ¹⁰ Surface Location

UL or lot no. I	Section 2	Township 23S	Range 28E	Lot Idn	Feet from the 2350	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. I	Section 6	Township 23S	Range 29E	Lot Idn	Feet from the 2126	North/South line SOUTH	Feet from the 198	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 6/27/2021	²² Ready Date 3/10/2022	²³ TD 20926'	²⁴ PBTD 20802'	²⁵ Perforations 11008' - 20785'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	372'		390 sx
9.875		8.625	9705'		760 sx
7.875		5.5	20916'		1710 sx

V. Well Test Data

³¹ Date New Oil 3/10/2022	³² Gas Delivery Date 3/10/2022	³³ Test Date 4/9/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2498
Choke Size 42/64	³⁸ Oil 794	³⁹ Water 4339	⁴⁰ Gas 6915		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		
Printed name: Linda Good			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Contractor			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: goodl_ctr@novoog.com			Approval Date: <i>9/18/2023</i>		
Date: 2/16/2023		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 30-015-48546	² Pool Code 982520	³ Pool Name Purple Sage; Wolfcamp Gas Pool
⁴ Property Code	⁵ Property Name RANA SALADA FED COM 0106	
⁷ OGRID No. 372920	⁸ Operator Name NOVO OIL & GAS NORTHERN DELAWARE, LLC	⁶ Well Number 213H
		⁹ Elevation 3065.3

¹⁰ Surface Location

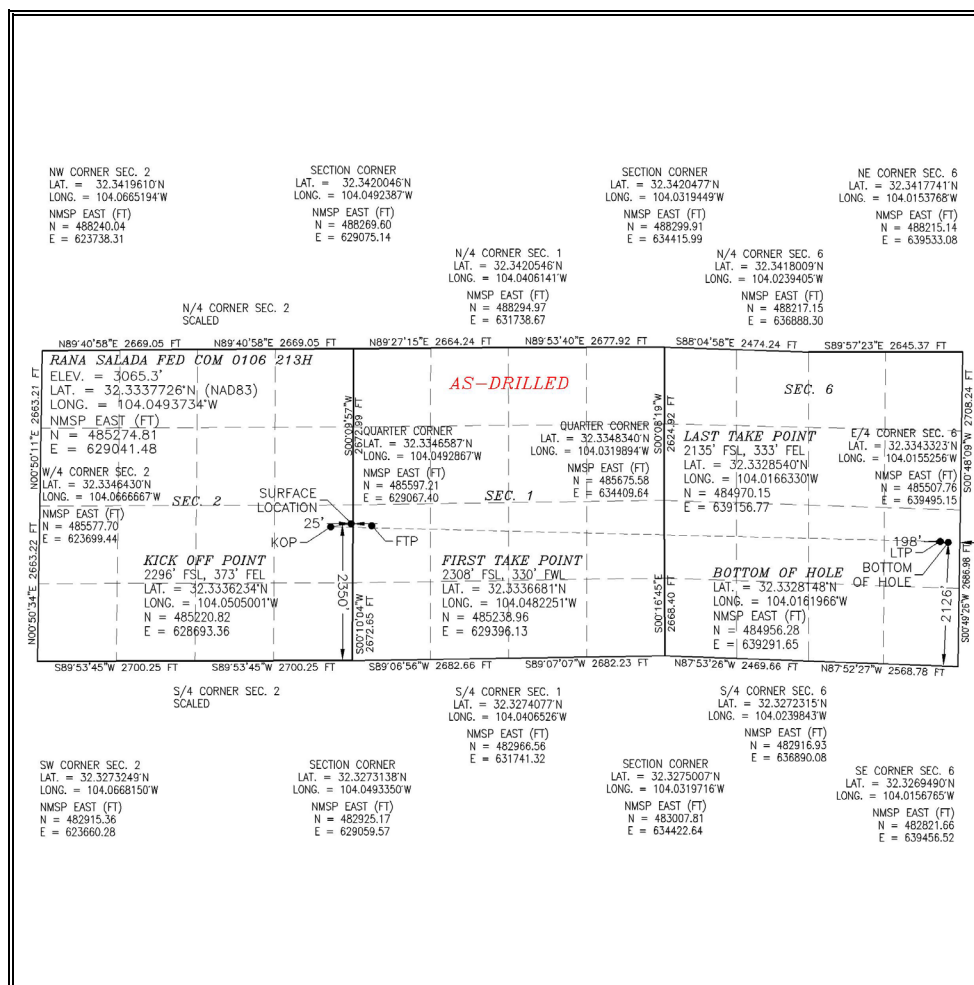
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	23 S	28 E		2350	SOUTH	25	EAST	EDDY

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
I	6	23 S	29 E		2126	SOUTH	198	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.

Signature Justin Carter Date 9/27/2021

Justin Carter

Printed Name _____

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 27, 2021

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number: EL-1000-S-IAR-MILLO-LS 12797
SURVEY NO. 8910E



NOVO Oil & Gas

EDDY CO., NM (NAD83)

SEC 02-T23S-R28E

Rana Salada Fed Com 0106 213H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

07 September, 2021





SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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 213H		
Well Position	+N/-S	0.00 usft	Northing: 485,274.81 usft
	+E/-W	0.00 usft	Easting: 629,041.48 usft
Position Uncertainty	0.50 usft	Wellhead Elevation:	usft
Grid Convergence:	0.15 °	Ground Level:	3,065.30 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/2/2021	6.78	59.93	47,516.05507158

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	9/7/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
178.80	359.00	Invictus (Wellbore #1)	MWD	MWD - Standard	
509.00	20,926.00	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	
178.80	0.30	267.64	178.80	-0.02	-0.47	-0.47	0.17	0.17	0.00	
268.00	0.90	205.64	267.99	-0.66	-1.00	-1.00	0.90	0.67	-69.51	
359.00	1.50	205.64	358.97	-2.38	-1.83	-1.80	0.66	0.66	0.00	
509.00	1.85	212.73	508.91	-6.19	-3.99	-3.92	0.27	0.23	4.73	
601.00	1.19	211.77	600.88	-8.25	-5.29	-5.21	0.72	-0.72	-1.04	
693.00	0.44	313.37	692.87	-8.82	-6.05	-5.96	1.47	-0.82	110.43	
785.00	0.70	306.07	784.87	-8.24	-6.76	-6.68	0.29	0.28	-7.93	
877.00	0.97	285.16	876.86	-7.71	-7.97	-7.89	0.44	0.29	-22.73	



SB Directional Survey Report



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Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)
969.00	1.49	270.21	968.83	-7.50	-9.92	-9.84	0.66	0.57	-16.25
1,060.00	1.89	263.36	1,059.79	-7.67	-12.59	-12.51	0.49	0.44	-7.53
1,152.00	2.20	262.66	1,151.74	-8.07	-15.85	-15.76	0.34	0.34	-0.76
1,244.00	2.20	264.33	1,243.67	-8.47	-19.36	-19.27	0.07	0.00	1.82
1,335.00	2.20	263.18	1,334.60	-8.85	-22.83	-22.74	0.05	0.00	-1.26
1,428.00	2.11	260.55	1,427.54	-9.34	-26.29	-26.19	0.14	-0.10	-2.83
1,521.00	2.20	252.37	1,520.47	-10.17	-29.68	-29.57	0.34	0.10	-8.80
1,616.00	1.85	276.28	1,615.41	-10.55	-32.94	-32.83	0.95	-0.37	25.17
1,710.00	2.37	277.42	1,709.35	-10.13	-36.38	-36.27	0.55	0.55	1.21
1,805.00	3.34	279.71	1,804.23	-9.41	-41.06	-40.95	1.03	1.02	2.41
1,899.00	3.25	271.01	1,898.07	-8.90	-46.42	-46.32	0.54	-0.10	-9.26
1,993.00	3.16	249.03	1,991.93	-9.78	-51.50	-51.40	1.30	-0.10	-23.38
2,088.00	3.47	235.06	2,086.77	-12.37	-56.30	-56.17	0.91	0.33	-14.71
2,183.00	4.84	253.34	2,181.53	-15.16	-62.50	-62.34	1.99	1.44	19.24
2,277.00	4.44	245.60	2,275.22	-17.80	-69.61	-69.42	0.79	-0.43	-8.23
2,372.00	4.48	242.62	2,369.93	-21.03	-76.26	-76.03	0.25	0.04	-3.14
2,467.00	4.75	251.32	2,464.62	-24.00	-83.28	-83.02	0.79	0.28	9.16
2,561.00	5.41	268.81	2,558.26	-25.33	-91.40	-91.13	1.78	0.70	18.61
2,655.00	5.14	274.26	2,651.86	-25.11	-100.03	-99.76	0.61	-0.29	5.80
2,749.00	4.88	273.29	2,745.50	-24.57	-108.22	-107.95	0.29	-0.28	-1.03
2,844.00	4.53	272.67	2,840.18	-24.16	-116.00	-115.74	0.37	-0.37	-0.65
2,938.00	4.75	272.15	2,933.87	-23.85	-123.59	-123.34	0.24	0.23	-0.55
3,033.00	4.79	270.83	3,028.55	-23.64	-131.49	-131.24	0.12	0.04	-1.39
3,128.00	4.75	272.15	3,123.22	-23.44	-139.39	-139.14	0.12	-0.04	1.39
3,223.00	4.57	273.47	3,217.90	-23.06	-147.10	-146.85	0.22	-0.19	1.39
3,317.00	4.31	274.26	3,311.62	-22.57	-154.36	-154.11	0.28	-0.28	0.84
3,411.00	4.79	274.34	3,405.32	-22.01	-161.79	-161.55	0.51	0.51	0.09
3,506.00	5.36	274.52	3,499.95	-21.36	-170.17	-169.94	0.60	0.60	0.19
3,600.00	4.57	269.07	3,593.60	-21.07	-178.29	-178.06	0.98	-0.84	-5.80
3,694.00	4.13	269.86	3,687.33	-21.14	-185.42	-185.19	0.47	-0.47	0.84
3,790.00	4.13	277.07	3,783.08	-20.73	-192.31	-192.08	0.54	0.00	7.51
3,884.00	5.71	279.00	3,876.73	-19.58	-200.29	-200.07	1.69	1.68	2.05
3,978.00	5.71	278.39	3,970.26	-18.16	-209.53	-209.33	0.06	0.00	-0.65
4,072.00	5.58	278.65	4,063.81	-16.80	-218.68	-218.49	0.14	-0.14	0.28
4,167.00	5.41	278.39	4,158.37	-15.45	-227.67	-227.50	0.18	-0.18	-0.27
4,261.00	5.10	276.28	4,251.98	-14.34	-236.21	-236.05	0.39	-0.33	-2.24
4,356.00	4.97	275.31	4,346.61	-13.50	-244.50	-244.35	0.16	-0.14	-1.02
4,451.00	5.05	275.31	4,441.25	-12.73	-252.77	-252.62	0.08	0.08	0.00
4,545.00	5.36	274.52	4,534.86	-12.00	-261.26	-261.12	0.34	0.33	-0.84
4,640.00	5.32	274.52	4,629.45	-11.31	-270.08	-269.94	0.04	-0.04	0.00
4,734.00	5.54	273.29	4,723.02	-10.70	-278.95	-278.82	0.26	0.23	-1.31
4,829.00	5.36	272.24	4,817.59	-10.27	-287.96	-287.84	0.22	-0.19	-1.11
4,923.00	5.23	271.18	4,911.19	-10.01	-296.63	-296.51	0.17	-0.14	-1.13



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)	
5,017.00	5.05	268.63	5,004.82	-10.02	-305.05	-304.93	0.31	-0.19	-2.71	
5,111.00	4.62	266.43	5,098.48	-10.35	-312.97	-312.84	0.50	-0.46	-2.34	
5,206.00	4.13	263.62	5,193.20	-10.97	-320.18	-320.05	0.56	-0.52	-2.96	
5,301.00	3.56	264.33	5,287.99	-11.64	-326.52	-326.38	0.60	-0.60	0.75	
5,396.00	2.55	262.66	5,382.85	-12.20	-331.55	-331.40	1.07	-1.06	-1.76	
5,491.00	1.71	263.71	5,477.79	-12.63	-335.06	-334.90	0.89	-0.88	1.11	
5,585.00	1.63	259.40	5,571.75	-13.03	-337.76	-337.61	0.16	-0.09	-4.59	
5,679.00	1.71	249.56	5,665.71	-13.76	-340.39	-340.23	0.32	0.09	-10.47	
5,774.00	1.71	247.01	5,760.66	-14.81	-343.02	-342.85	0.08	0.00	-2.68	
5,868.00	1.80	231.19	5,854.62	-16.29	-345.47	-345.28	0.52	0.10	-16.83	
5,963.00	2.11	228.55	5,949.57	-18.38	-347.94	-347.73	0.34	0.33	-2.78	
6,057.00	1.93	227.59	6,043.51	-20.59	-350.41	-350.17	0.19	-0.19	-1.02	
6,151.00	1.98	226.88	6,137.45	-22.77	-352.76	-352.50	0.06	0.05	-0.76	
6,247.00	1.14	231.10	6,233.42	-24.50	-354.71	-354.44	0.88	-0.88	4.40	
6,342.00	1.05	230.58	6,328.40	-25.65	-356.12	-355.83	0.10	-0.09	-0.55	
6,436.00	0.75	244.64	6,422.39	-26.46	-357.34	-357.05	0.39	-0.32	14.96	
6,531.00	0.53	276.81	6,517.38	-26.67	-358.34	-358.04	0.43	-0.23	33.86	
6,625.00	0.26	28.51	6,611.38	-26.43	-358.67	-358.37	0.71	-0.29	118.83	
6,720.00	1.14	14.54	6,706.37	-25.33	-358.33	-358.05	0.94	0.93	-14.71	
6,815.00	0.66	30.01	6,801.36	-23.94	-357.82	-357.55	0.56	-0.51	16.28	
6,910.00	0.13	41.08	6,896.36	-23.39	-357.47	-357.21	0.56	-0.56	11.65	
7,005.00	0.35	63.85	6,991.36	-23.18	-357.14	-356.88	0.25	0.23	23.97	
7,099.00	0.22	311.43	7,085.36	-22.93	-357.02	-356.76	0.51	-0.14	-119.60	
7,193.00	1.01	166.42	7,179.35	-23.62	-356.96	-356.69	1.27	0.84	-154.27	
7,287.00	2.24	162.55	7,273.31	-26.18	-356.22	-355.92	1.31	1.31	-4.12	
7,382.00	2.77	157.63	7,368.22	-30.07	-354.79	-354.45	0.60	0.56	-5.18	
7,477.00	2.24	155.96	7,463.13	-33.89	-353.16	-352.78	0.56	-0.56	-1.76	
7,571.00	1.45	155.60	7,557.08	-36.65	-351.92	-351.51	0.84	-0.84	-0.38	
7,666.00	0.40	128.45	7,652.07	-37.95	-351.16	-350.74	1.17	-1.11	-28.58	
7,760.00	0.62	84.41	7,746.06	-38.10	-350.40	-349.98	0.46	0.23	-46.85	
7,855.00	0.44	31.59	7,841.06	-37.74	-349.69	-349.28	0.52	-0.19	-55.60	
7,950.00	0.84	350.72	7,936.05	-36.75	-349.62	-349.21	0.61	0.42	-43.02	
8,044.00	1.45	343.43	8,030.04	-34.93	-350.07	-349.68	0.67	0.65	-7.76	
8,139.00	2.11	309.24	8,124.99	-32.67	-351.76	-351.40	1.29	0.69	-35.99	
8,233.00	2.02	307.22	8,218.93	-30.57	-354.42	-354.08	0.12	-0.10	-2.15	
8,327.00	1.54	292.63	8,312.89	-29.08	-356.91	-356.58	0.70	-0.51	-15.52	
8,422.00	0.92	283.57	8,407.86	-28.41	-358.83	-358.51	0.68	-0.65	-9.54	
8,517.00	0.66	239.72	8,502.85	-28.51	-360.04	-359.72	0.67	-0.27	-46.16	
8,611.00	1.01	215.11	8,596.85	-29.46	-360.99	-360.66	0.53	0.37	-26.18	
8,706.00	1.01	165.89	8,691.83	-30.96	-361.26	-360.92	0.89	0.00	-51.81	
8,800.00	1.54	89.42	8,785.81	-31.75	-359.80	-359.45	1.74	0.56	-81.35	
8,894.00	1.80	91.44	8,879.77	-31.77	-357.06	-356.71	0.28	0.28	2.15	
8,988.00	1.49	113.50	8,973.74	-32.30	-354.46	-354.10	0.74	-0.33	23.47	



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)
9,083.00	1.36	157.45	9,068.71	-33.83	-352.90	-352.52	1.13	-0.14	46.26
9,178.00	1.58	175.03	9,163.68	-36.18	-352.35	-351.95	0.53	0.23	18.51
9,272.00	1.80	165.18	9,257.64	-38.89	-351.86	-351.43	0.39	0.23	-10.48
9,367.00	1.54	170.19	9,352.60	-41.59	-351.26	-350.81	0.31	-0.27	5.27
9,462.00	1.58	168.61	9,447.56	-44.14	-350.79	-350.30	0.06	0.04	-1.66
9,557.00	1.49	167.03	9,542.53	-46.62	-350.25	-349.74	0.10	-0.09	-1.66
9,646.00	1.36	157.01	9,631.50	-48.72	-349.58	-349.05	0.32	-0.15	-11.26
9,739.00	1.14	159.91	9,724.48	-50.61	-348.83	-348.28	0.25	-0.24	3.12
9,833.00	1.45	168.26	9,818.45	-52.65	-348.27	-347.70	0.39	0.33	8.88
9,928.00	1.71	176.17	9,913.42	-55.24	-347.93	-347.33	0.36	0.27	8.33
10,022.00	6.33	110.25	10,007.19	-58.44	-342.97	-342.34	6.22	4.91	-70.13
10,117.00	16.04	110.87	10,100.28	-64.94	-325.75	-325.05	10.22	10.22	0.65
10,211.00	26.29	103.22	10,187.83	-74.36	-293.26	-292.46	11.27	10.90	-8.14
10,306.00	36.62	97.86	10,268.78	-83.07	-244.57	-243.68	11.26	10.87	-5.64
10,401.00	44.57	84.68	10,340.99	-83.85	-183.10	-182.21	12.27	8.37	-13.87
10,495.00	50.29	77.91	10,404.60	-73.21	-114.80	-114.03	8.07	6.09	-7.20
10,589.00	58.68	81.86	10,459.17	-59.92	-39.54	-38.91	9.56	8.93	4.20
10,662.62	64.67	84.63	10,494.09	-52.35	24.78	25.33	8.78	8.14	3.76
Cross SEC: 10662' MD, 10494' TVD; 2304' FSL									
10,684.00	66.42	85.38	10,502.94	-50.65	44.17	44.69	8.78	8.18	3.51
10,778.00	71.25	87.75	10,536.87	-45.43	131.64	132.10	5.65	5.14	2.52
10,872.00	82.24	87.67	10,558.39	-41.78	222.92	223.34	11.69	11.69	-0.09
10,967.00	93.49	88.37	10,561.92	-38.51	317.64	318.03	11.86	11.84	0.74
11,004.24	91.08	87.95	10,560.44	-37.31	354.83	355.20	6.57	-6.47	-1.12
Cross 330' FWL: 11004' MD, 10560' TVD; 2309' FSL									
11,004.49	91.06	87.95	10,560.44	-37.31	355.08	355.46	6.57	-6.47	-1.12
FTP Rana Salada 213 H 2310' FSL 330' FWL									
11,062.00	87.34	87.31	10,561.24	-34.93	412.53	412.87	6.57	-6.47	-1.12
11,156.00	90.46	89.16	10,563.04	-32.04	506.45	506.76	3.86	3.32	1.97
11,251.00	88.92	89.07	10,563.56	-30.57	601.43	601.72	1.62	-1.62	-0.09
11,345.00	88.31	89.07	10,565.83	-29.04	695.39	695.66	0.65	-0.65	0.00
11,440.00	90.20	88.90	10,567.06	-27.36	790.36	790.61	2.00	1.99	-0.18
11,534.00	90.99	89.86	10,566.09	-26.34	884.35	884.58	1.32	0.84	1.02
11,628.00	88.09	89.16	10,566.84	-25.54	978.34	978.55	3.17	-3.09	-0.74
11,723.00	88.53	88.72	10,569.64	-23.78	1,073.28	1,073.47	0.65	0.46	-0.46
11,817.00	89.27	89.07	10,571.45	-21.97	1,167.24	1,167.41	0.87	0.79	0.37
11,911.00	88.84	88.63	10,573.00	-20.08	1,261.21	1,261.35	0.65	-0.46	-0.47
12,006.00	90.51	88.72	10,573.54	-17.89	1,356.18	1,356.29	1.76	1.76	0.09
12,100.00	88.00	87.84	10,574.76	-15.07	1,450.12	1,450.20	2.83	-2.67	-0.94
12,194.00	88.35	87.93	10,577.75	-11.60	1,544.01	1,544.05	0.38	0.37	0.10
12,289.00	89.10	88.10	10,579.87	-8.31	1,638.93	1,638.92	0.81	0.79	0.18
12,383.00	91.69	88.98	10,579.22	-5.92	1,732.89	1,732.85	2.91	2.76	0.94
12,477.00	87.82	86.61	10,579.62	-2.30	1,826.79	1,826.71	4.83	-4.12	-2.52
12,571.00	89.01	86.26	10,582.22	3.54	1,920.57	1,920.43	1.32	1.27	-0.37



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)	
12,666.00	88.48	86.52	10,584.30	9.52	2,015.36	2,015.15	0.62	-0.56	0.27	
12,760.00	89.32	89.16	10,586.11	13.06	2,109.27	2,109.01	2.95	0.89	2.81	
12,854.00	90.86	90.04	10,585.96	13.72	2,203.26	2,203.00	1.89	1.64	0.94	
12,949.00	86.33	88.19	10,588.29	15.19	2,298.19	2,297.91	5.15	-4.77	-1.95	
13,044.00	85.76	90.39	10,594.84	16.36	2,392.95	2,392.65	2.39	-0.60	2.32	
13,138.00	89.14	91.09	10,599.02	15.15	2,486.84	2,486.54	3.67	3.60	0.74	
13,233.00	88.44	93.03	10,601.03	11.73	2,581.75	2,581.48	2.17	-0.74	2.04	
13,327.00	90.02	95.05	10,602.29	5.11	2,675.50	2,675.30	2.73	1.68	2.15	
13,421.00	92.70	98.74	10,600.06	-6.16	2,768.77	2,768.68	4.85	2.85	3.93	
13,515.00	96.79	101.73	10,592.28	-22.80	2,860.93	2,861.01	5.38	4.35	3.18	
13,653.00	97.93	103.40	10,574.60	-52.57	2,994.51	2,994.89	1.46	0.83	1.21	
13,748.00	92.88	96.98	10,565.65	-69.26	3,087.52	3,088.07	8.57	-5.32	-6.76	
13,842.00	88.35	93.55	10,564.64	-77.88	3,181.07	3,181.72	6.04	-4.82	-3.65	
13,937.00	87.87	91.71	10,567.77	-82.24	3,275.92	3,276.60	2.00	-0.51	-1.94	
14,031.00	87.25	91.71	10,571.78	-85.04	3,369.79	3,370.50	0.66	-0.66	0.00	
14,126.00	87.03	91.88	10,576.52	-88.02	3,464.63	3,465.36	0.29	-0.23	0.18	
14,221.00	87.91	90.21	10,580.71	-89.75	3,559.51	3,560.26	1.99	0.93	-1.76	
14,316.00	87.25	90.48	10,584.72	-90.32	3,654.43	3,655.17	0.75	-0.69	0.28	
14,410.00	90.20	91.36	10,586.81	-91.83	3,748.38	3,749.14	3.27	3.14	0.94	
14,505.00	91.12	92.41	10,585.72	-94.95	3,843.32	3,844.10	1.47	0.97	1.11	
14,599.00	88.35	89.51	10,586.15	-96.53	3,937.29	3,938.08	4.27	-2.95	-3.09	
14,694.00	87.38	88.90	10,589.69	-95.21	4,032.21	4,032.99	1.21	-1.02	-0.64	
14,788.00	86.81	88.37	10,594.46	-92.97	4,126.06	4,126.81	0.83	-0.61	-0.56	
14,883.00	86.20	88.02	10,600.25	-89.99	4,220.84	4,221.55	0.74	-0.64	-0.37	
14,977.00	84.40	86.87	10,607.95	-85.81	4,314.42	4,315.08	2.27	-1.91	-1.22	
15,071.00	86.15	86.70	10,615.69	-80.56	4,407.95	4,408.55	1.87	1.86	-0.18	
15,166.00	91.69	88.90	10,617.48	-76.91	4,502.82	4,503.38	6.27	5.83	2.32	
15,261.00	91.25	89.07	10,615.05	-75.23	4,597.78	4,598.31	0.50	-0.46	0.18	
15,355.00	92.18	89.60	10,612.23	-74.14	4,691.73	4,692.25	1.14	0.99	0.56	
15,449.00	90.55	89.42	10,609.99	-73.34	4,785.69	4,786.20	1.74	-1.73	-0.19	
15,544.00	85.58	88.10	10,613.20	-71.29	4,880.58	4,881.06	5.41	-5.23	-1.39	
15,638.00	86.86	88.37	10,619.40	-68.40	4,974.33	4,974.78	1.39	1.36	0.29	
15,732.00	90.68	89.16	10,621.41	-66.37	5,068.27	5,068.69	4.15	4.06	0.84	
15,826.00	90.24	89.60	10,620.66	-65.35	5,162.26	5,162.66	0.66	-0.47	0.47	
15,921.00	90.73	90.48	10,619.86	-65.42	5,257.26	5,257.66	1.06	0.52	0.93	
16,015.00	90.68	88.98	10,618.70	-64.98	5,351.25	5,351.63	1.60	-0.05	-1.60	
16,042.15	90.49	88.75	10,618.42	-64.44	5,378.39	5,378.77	1.08	-0.69	-0.83	
Cross SEC: 16042' MD, 10618' TVD; 2200' FSL										
16,042.84	90.49	88.75	10,618.42	-64.43	5,379.08	5,379.46	1.08	-0.69	-0.83	
2260' FSL Sec 6										
16,110.00	90.02	88.19	10,618.12	-62.63	5,446.22	5,446.57	1.08	-0.69	-0.83	
16,204.00	89.05	87.67	10,618.88	-59.24	5,540.15	5,540.47	1.17	-1.03	-0.55	
16,299.00	88.79	87.58	10,620.67	-55.30	5,635.05	5,635.32	0.29	-0.27	-0.09	
16,393.00	89.41	88.98	10,622.15	-52.48	5,728.99	5,729.23	1.63	0.66	1.49	



SB Directional Survey Report



Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)	
16,488.00	89.58	89.16	10,622.99	-50.94	5,823.98	5,824.19	0.26	0.18	0.19	
16,582.00	90.20	91.18	10,623.17	-51.22	5,917.97	5,918.18	2.25	0.66	2.15	
16,676.00	87.30	89.95	10,625.22	-52.14	6,011.93	6,012.15	3.35	-3.09	-1.31	
16,770.00	89.27	91.44	10,628.03	-53.28	6,105.88	6,106.10	2.63	2.10	1.59	
16,862.00	91.65	93.38	10,627.29	-57.15	6,197.78	6,198.04	3.34	2.59	2.11	
16,956.00	91.47	93.38	10,624.73	-62.69	6,291.58	6,291.90	0.19	-0.19	0.00	
17,051.00	91.30	93.20	10,622.44	-68.14	6,386.40	6,386.76	0.26	-0.18	-0.19	
17,145.00	90.77	92.41	10,620.74	-72.74	6,480.27	6,480.68	1.01	-0.56	-0.84	
17,240.00	89.98	92.32	10,620.12	-76.66	6,575.19	6,575.63	0.84	-0.83	-0.09	
17,334.00	89.76	92.15	10,620.33	-80.33	6,669.11	6,669.59	0.30	-0.23	-0.18	
17,429.00	89.71	92.32	10,620.77	-84.03	6,764.04	6,764.55	0.19	-0.05	0.18	
17,523.00	89.54	92.59	10,621.38	-88.06	6,857.95	6,858.50	0.34	-0.18	0.29	
17,617.00	88.84	91.88	10,622.71	-91.72	6,951.87	6,952.45	1.06	-0.74	-0.76	
17,712.00	88.09	90.92	10,625.26	-94.04	7,046.81	7,047.41	1.28	-0.79	-1.01	
17,806.00	88.04	91.53	10,628.43	-96.05	7,140.73	7,141.35	0.65	-0.05	0.65	
17,900.00	88.18	91.27	10,631.53	-98.35	7,234.65	7,235.29	0.31	0.15	-0.28	
17,995.00	87.56	92.76	10,635.06	-101.69	7,329.52	7,330.19	1.70	-0.65	1.57	
18,090.00	88.79	93.64	10,638.09	-106.99	7,424.33	7,425.04	1.59	1.29	0.93	
18,185.00	88.75	93.55	10,640.13	-112.94	7,519.12	7,519.89	0.10	-0.04	-0.09	
18,279.00	88.31	92.50	10,642.54	-117.90	7,612.95	7,613.77	1.21	-0.47	-1.12	
18,373.00	88.26	92.94	10,645.35	-122.36	7,706.80	7,707.66	0.47	-0.05	0.47	
18,469.00	87.21	90.48	10,649.15	-125.22	7,802.68	7,803.56	2.78	-1.09	-2.56	
18,563.00	87.38	92.06	10,653.58	-127.30	7,896.55	7,897.45	1.69	0.18	1.68	
18,658.00	88.66	93.91	10,656.87	-132.25	7,991.36	7,992.30	2.37	1.35	1.95	
18,752.00	88.18	92.76	10,659.46	-137.71	8,085.16	8,086.16	1.33	-0.51	-1.22	
18,846.00	87.47	92.50	10,663.03	-142.02	8,178.99	8,180.03	0.80	-0.76	-0.28	
18,940.00	88.00	92.85	10,666.74	-146.41	8,272.82	8,273.90	0.68	0.56	0.37	
19,034.00	87.74	92.76	10,670.23	-151.01	8,366.64	8,367.76	0.29	-0.28	-0.10	
19,129.00	88.88	94.52	10,673.04	-157.03	8,461.40	8,462.58	2.21	1.20	1.85	
19,224.00	89.23	95.58	10,674.60	-165.40	8,556.02	8,557.28	1.17	0.37	1.12	
19,319.00	88.79	95.84	10,676.24	-174.85	8,650.53	8,651.89	0.54	-0.46	0.27	
19,413.00	88.44	95.75	10,678.52	-184.33	8,744.02	8,745.47	0.38	-0.37	-0.10	
19,508.00	88.26	96.10	10,681.25	-194.14	8,838.48	8,840.02	0.41	-0.19	0.37	
19,603.00	87.74	96.01	10,684.57	-204.15	8,932.89	8,934.54	0.56	-0.55	-0.09	
19,697.00	87.91	95.05	10,688.14	-213.20	9,026.38	9,028.12	1.04	0.18	-1.02	
19,792.00	87.47	94.52	10,691.96	-221.12	9,120.97	9,122.79	0.72	-0.46	-0.56	
19,886.00	89.36	94.43	10,694.56	-228.45	9,214.65	9,216.53	2.01	2.01	-0.10	
19,981.00	88.97	94.17	10,695.95	-235.57	9,309.37	9,311.33	0.49	-0.41	-0.27	
20,076.00	89.27	94.34	10,697.41	-242.62	9,404.10	9,406.12	0.36	0.32	0.18	
20,171.00	88.92	94.34	10,698.91	-249.81	9,498.81	9,500.91	0.37	-0.37	0.00	
20,265.00	88.75	94.34	10,700.82	-256.92	9,592.52	9,594.69	0.18	-0.18	0.00	
20,360.00	88.09	94.26	10,703.44	-264.04	9,687.22	9,689.45	0.70	-0.69	-0.08	
20,455.00	90.51	96.28	10,704.60	-272.77	9,781.80	9,784.12	3.32	2.55	2.13	


SB Directional
 Survey Report


Company:	NOVO Oil & Gas	Local Co-ordinate Reference:	Well Rana Salada Fed Com 0106 213H
Project:	EDDY CO., NM (NAD83)	TVD Reference:	RKB 25' + GL @ 3090.30usft
Site:	SEC 02-T23S-R28E	MD Reference:	RKB 25' + GL @ 3090.30usft
Well:	Rana Salada Fed Com 0106 213H	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)	
20,549.00	89.67	95.93	10,704.45	-282.76	9,875.26	9,877.68	0.97	-0.89	-0.37	
20,643.00	89.14	95.40	10,705.43	-292.04	9,968.80	9,971.31	0.80	-0.56	-0.56	
20,738.00	88.48	95.22	10,707.40	-300.83	10,063.37	10,065.97	0.72	-0.69	-0.19	
20,783.99	88.57	95.57	10,708.59	-305.15	10,109.14	10,111.78	0.78	0.19	0.76	
PBHL 2178' FSL 330' FEL										
20,790.37	88.58	95.62	10,708.74	-305.77	10,115.49	10,118.14	0.78	0.19	0.76	
Cross 330' FEL: 20790' MD, 10709' TVD; 2122' FSL										
20,832.00	88.66	95.93	10,709.75	-309.96	10,156.90	10,159.59	0.78	0.19	0.76	
20,855.00	88.79	96.01	10,710.26	-312.35	10,179.77	10,182.48	0.66	0.57	0.35	
LS 20855' MD 10710' TVD										
20,926.00	88.79	96.01	10,711.76	-319.78	10,250.36	10,253.15	0.00	0.00	0.00	
PTB 20926' MD 10711' TVD; 195' FEL-2117' FSL										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
10,662.62	10,494.09	-52.35	24.78	Cross SEC: 10662' MD, 10494' TVD; 2304' FSL	
11,004.24	10,560.44	-37.31	354.83	Cross 330' FWL: 11004' MD, 10560' TVD; 2309' FSL	
16,042.15	10,618.42	-64.44	5,378.39	Cross SEC: 16042' MD, 10618' TVD; 2200' FSL	
20,790.37	10,708.74	-305.77	10,115.49	Cross 330' FEL: 20790' MD, 10709' TVD; 2122' FSL	
20,855.00	10,710.26	-312.35	10,179.77	LS 20855' MD 10710' TVD	
20,926.00	10,711.76	-319.78	10,250.36	PTB 20926' MD 10711' TVD; 195' FEL-2117' FSL	

Checked By: _____	Approved By: _____	Date: _____
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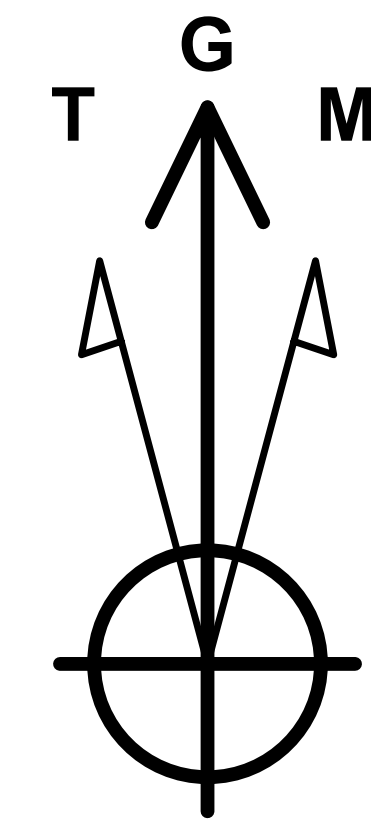
Rana Salada Fed Com 0106 213H

Frontier 19



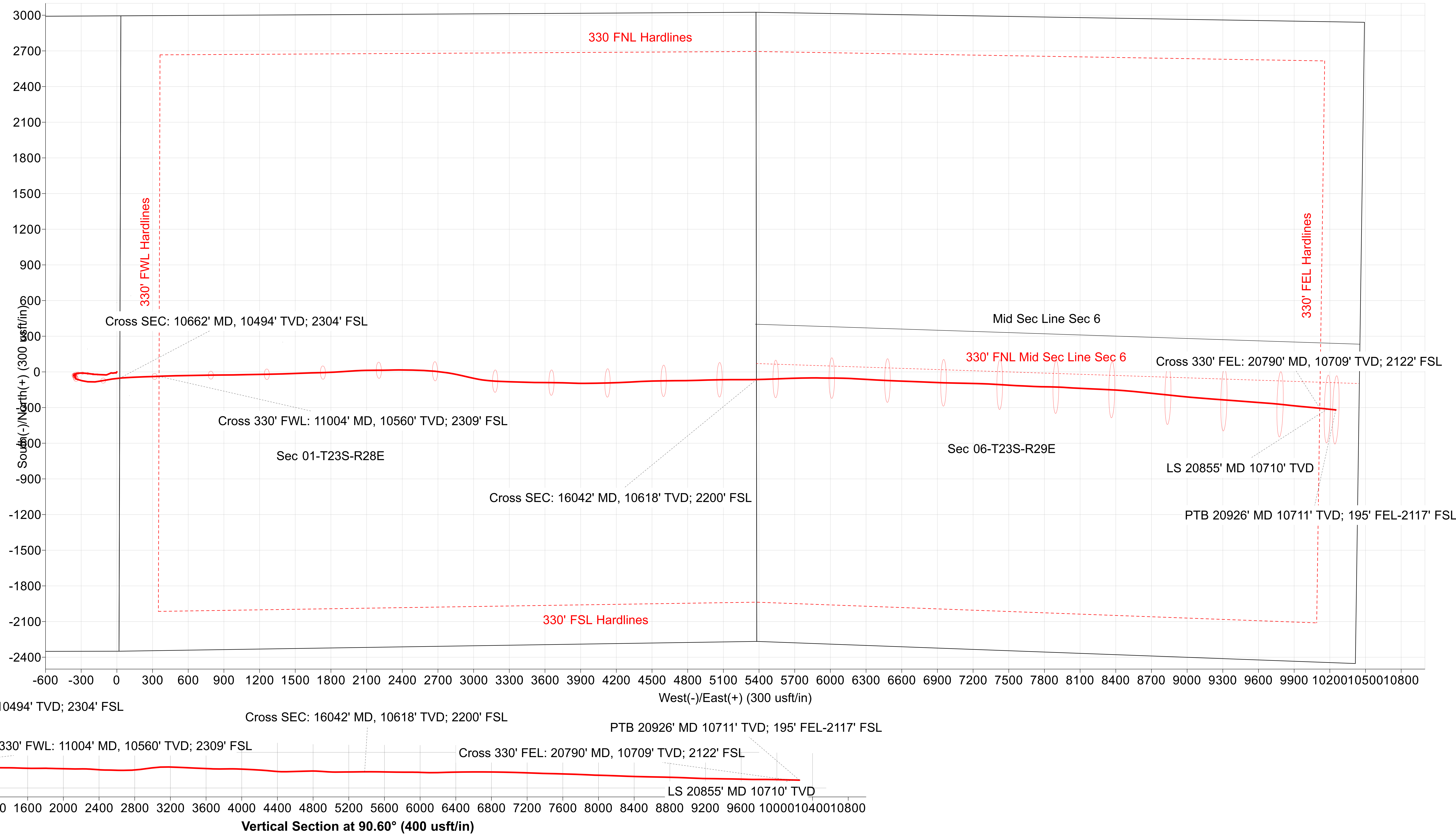
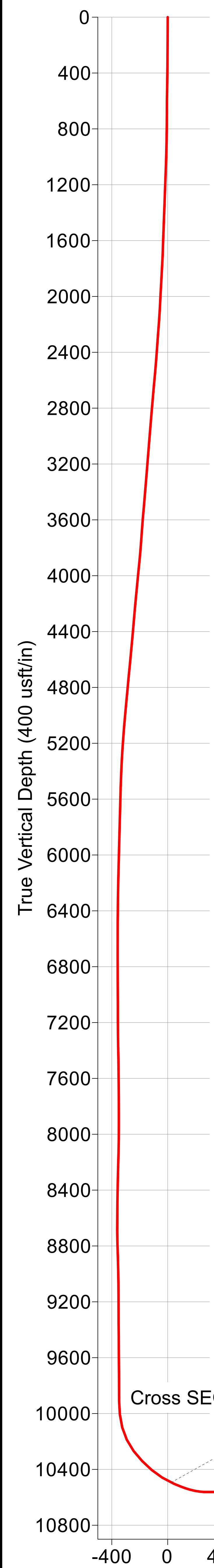
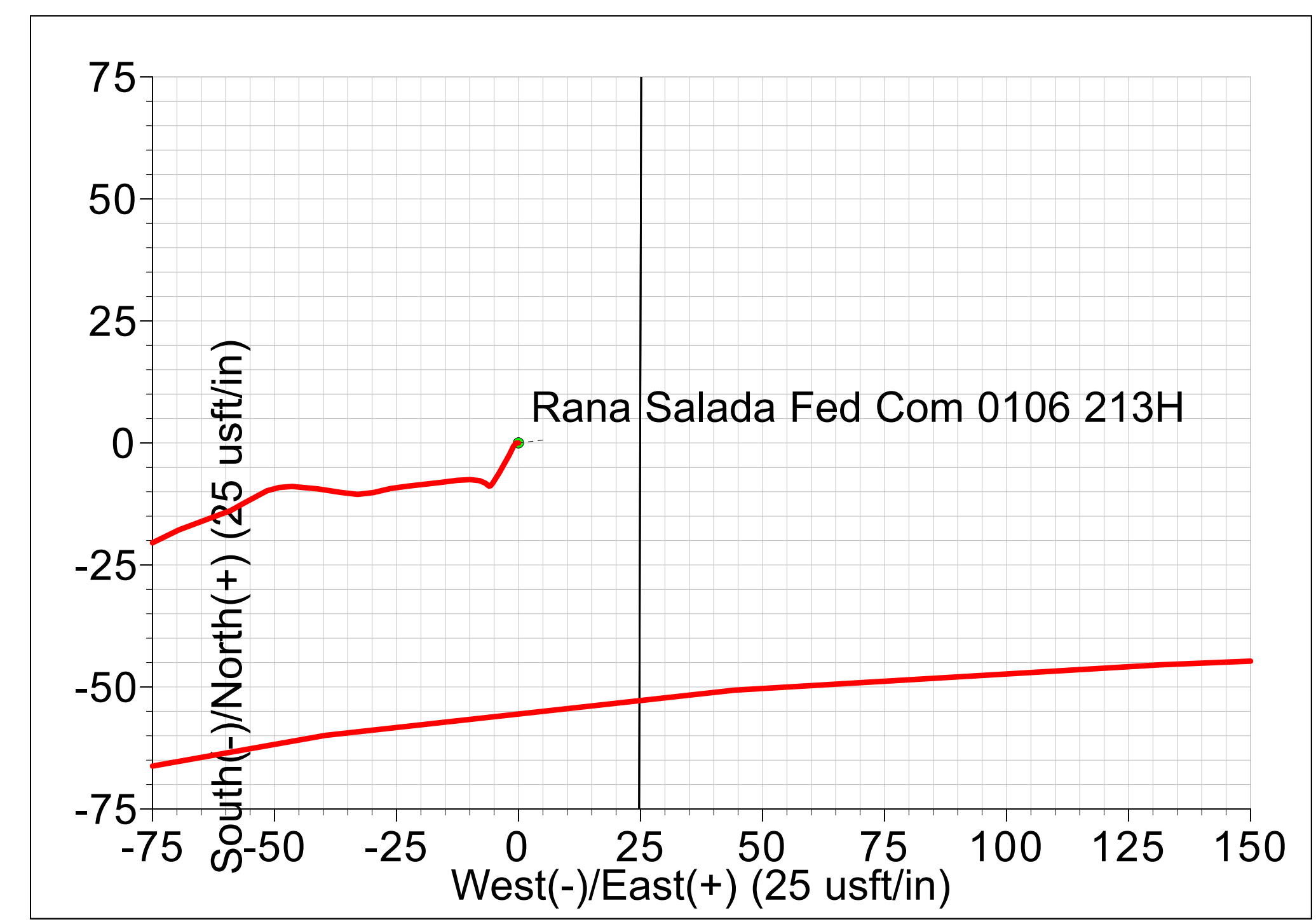
WELL DETAILS: Rana Salada Fed Com 0106 213H						
Wellbore #1						
GL Elev (ft).: 3065.30						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	485274.81	629041.48	32.33377	-104.04937	
SECTION DETAILS						
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture
10662.62	64.67	84.63	10494.09	-52.35	24.78	25.33 828.46
11004.24	91.08	87.95	10560.44	-37.31	354.83	355.20 1158.41
16042.15	90.49	88.75	10618.42	-64.44	5378.39	5378.77 6191.51
20790.37	88.58	95.62	10708.74	-305.77	10115.49	10118.14 10938.14
20855.00	88.79	96.01	10710.26	-312.35	10179.77	10182.48 11002.75
20926.00	88.79	96.01	10711.76	-319.78	10250.36	10253.15 11073.74
Annotation						
Cross SEC: 10662' MD, 10494' TVD; 2304' FSL						
Cross 330' FWL: 11004' MD, 10560' TVD; 2309' FSL						
Cross SEC: 16042' MD, 10618' TVD; 2200' FSL						
Cross 330' FEL: 20790' MD, 10709' TVD; 2122' FSL						
LS 20855' MD 10710' TVD						
PTB 20926' MD 10711' TVD; 195' FEL-2117' FSL						

Project: EDDY CO., NM (NAD83)
Site: SEC 02-T23S-R28E
Well: Rana Salada Fed Com 0106 213H
Wellbore: Wellbore #1
Design: Wellbore #1



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

Magnetic Field
Strength: 47516.1nT
Dip Angle: 59.93°
Date: 6/2/2021
Model: IGRF2020



Intent ☐ As Drilled ☒

API # 30-015-48546		
Operator Name: NOVO OIL & GAS NORTHERN DELAWARE, LLC	Property Name: RANA SALADA FED COM 0106	Well Number 213H

Kick Off Point (KOP)

UL I	Section 2	Township 23S	Range 28E	Lot	Feet 2296	From N/S SOUTH	Feet 373	From E/W EAST	County EDDY
Latitude 32.3336234					Longitude 104.0505001				NAD 83

First Take Point (FTP)

UL L	Section 1	Township 23S	Range 28E	Lot	Feet 2308	From N/S SOUTH	Feet 330	From E/W WEST	County EDDY
Latitude 32.3336681					Longitude 104.0482251				NAD 83

Last Take Point (LTP)

UL I	Section 6	Township 23S	Range 29E	Lot	Feet 2135	From N/S SOUTH	Feet 333	From E/W EAST	County EDDY
Latitude 32.3328540					Longitude 104.0166330				NAD 83

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

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

API #		
Operator Name:	Property Name:	Well Number

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. 30-015-48546	
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 213H	
9. OGRID Number 372920	
10. Pool name or Wildcat Purple Sage; Wolfcamp Gas Pool	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3065' 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**, **2350** 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
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 @ 7705'. TIH w/pump through frac plug and guns. Perf Wolfcamp @ 11008' - 20785' w/1032 holes total. Frac totals: 4,823,877 bbl fluid & 24,766,933# prop. ND frac, MIRU PU, NU BOP, DO plugs. CHC, FWB, ND BOP. TOP. No tubing ran.

Spud Date:

6/27/2021

Rig Release Date:

8/21/2021

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 2/16/2023

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):

Released to Imaging: 9/18/2023 8:53:39 AM

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 308	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt SALADO 751	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 2833	T. Morrison	
T. Drinkard	T. Bone Springs 6444	T. Todilto	
T. Abo	T. CASTILE 1388	T. Entrada	
T. Wolfcamp 9768	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.....

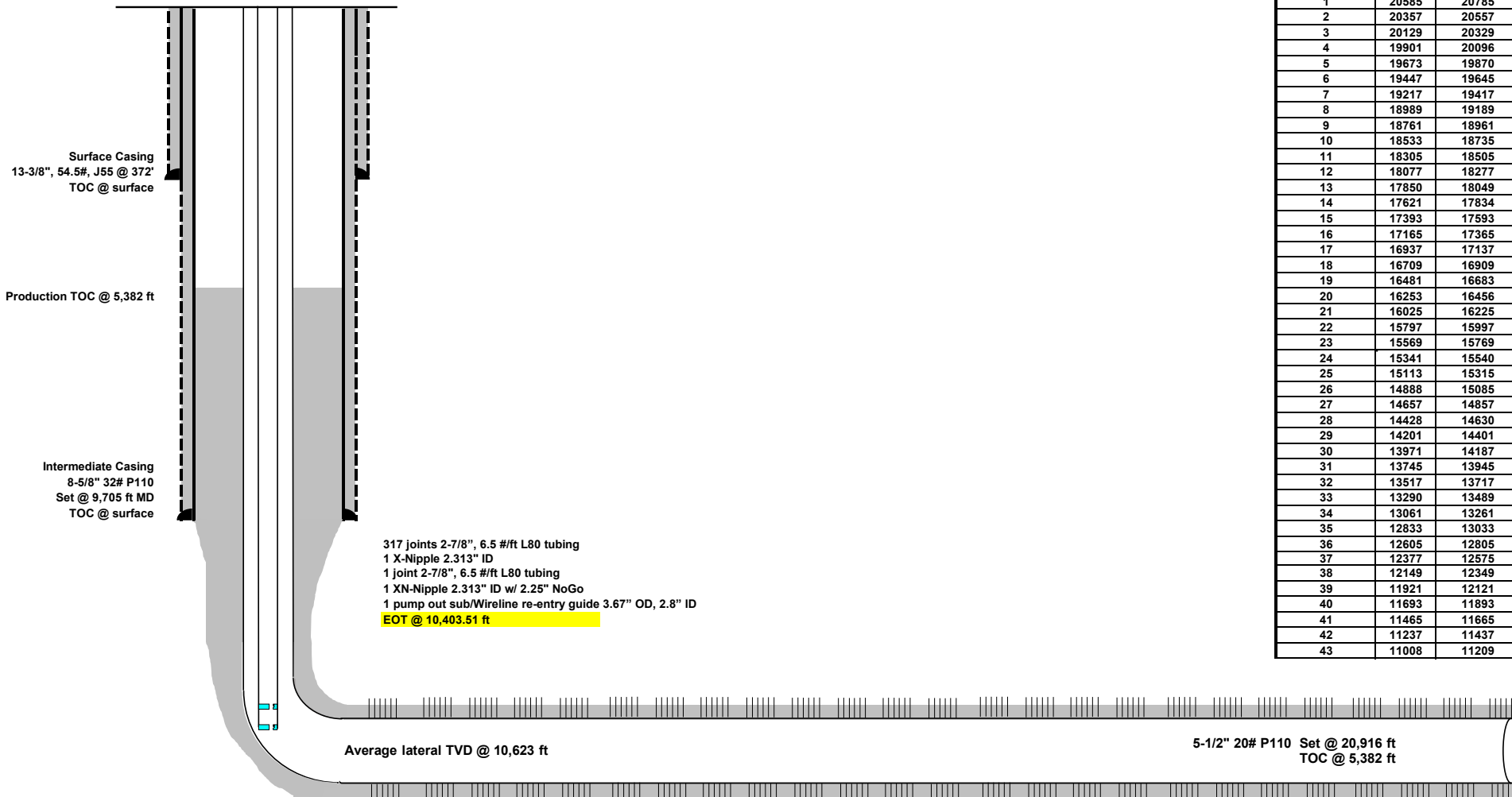
From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Current Completion



WELL NAME		RANA SALADA FED COM 0106 213H		FORMATION	WOLFCAMP B
SURFACE LOCATION		2,350' FSL & 25' FEL OF SEC 02-T23S-R28E		API Number	30-015-48546
SURFACE LOCATION	N	485274.81	E	629041.48	
	LATITUDE	32.3337726	LONGITUDE	-104.0493734	
BOTTOM-HOLE LOCATION	N		E		
	LATITUDE		LONGITUDE		
ELEVATION	GL	3,065.30'	COUNTY	EDDY	NORTHERN DELWARE BASIN
	KB / RKB	27' / 3,092.30'	STATE	NEW MEXICO	TVD/TMD
				10,623' / 20,916'	



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 187328

ACKNOWLEDGMENTS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 187328
	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.

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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 187328

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 187328
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/18/2023
plmartinez	Submit GAMMA RAY Well Log (s) in OCD Permitting as [UF-WL] EP Well Log Submission.	9/18/2023