

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. 30-015-50083
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NETHERLIN STATE COM
8. Well Number 103H
9. OGRID Number 330968
10. Pool name or Wildcat ATOKA, GLORIETA-YESO

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 SILVERBACK OPERATING II, LLC	
3. Address of Operator 19707 West IH 10, Suite 201 San Antonio, TX 78257	
4. Well Location Unit Letter <u>I</u> : 1361' feet from the <u>South</u> line and <u>237'</u> feet from the <u>East</u> line Section <u>16</u> Township <u>18S</u> Range <u>26E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3355'	

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: ☐	

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.

Silverback Operating II LLC. would like to change the surface hole location and bottom hole location of the subject well . Please find the updated C-102 plat, casing and cement program, revised directional plan and the updated NGMP attached.

Well Name	Type	Hole Size	Csg Size	Csg Wt	Set Depth	Sks + Excess	Est TOC
Netherlin State Com 103H	Surface	12.25	9.625	36	1291	286	0
	Intermediate					0	0
	Production	8.75	7	32	3373	163	0
	Production	8.75	5.5	20	8192	1520	2032

Spud Date:

08/12/2024

Rig Release Date:

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

SIGNATURE Fatma Abdallah TITLE Regulatory Manager DATE 02/05/2024

Type or print name Fatma Abdallah E-mail address: fabdallah@silverbackexp.com PHONE: (210) 585-3316

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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: (505) 334-6178 Fax: (505) 334-6170

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 30-015-50083	² Pool Code 3250	³ Pool Name ATOKA; GLORIETA-YESO
⁴ Property Code 333472	⁵ Property Name NETHERLIN STATE COM	⁶ Well Number 103H
⁷ OGRID No. 330968	⁸ Operator Name SILVERBACK OPERATING II, LLC	⁹ Elevation 3,355'

¹⁰ Surface Location

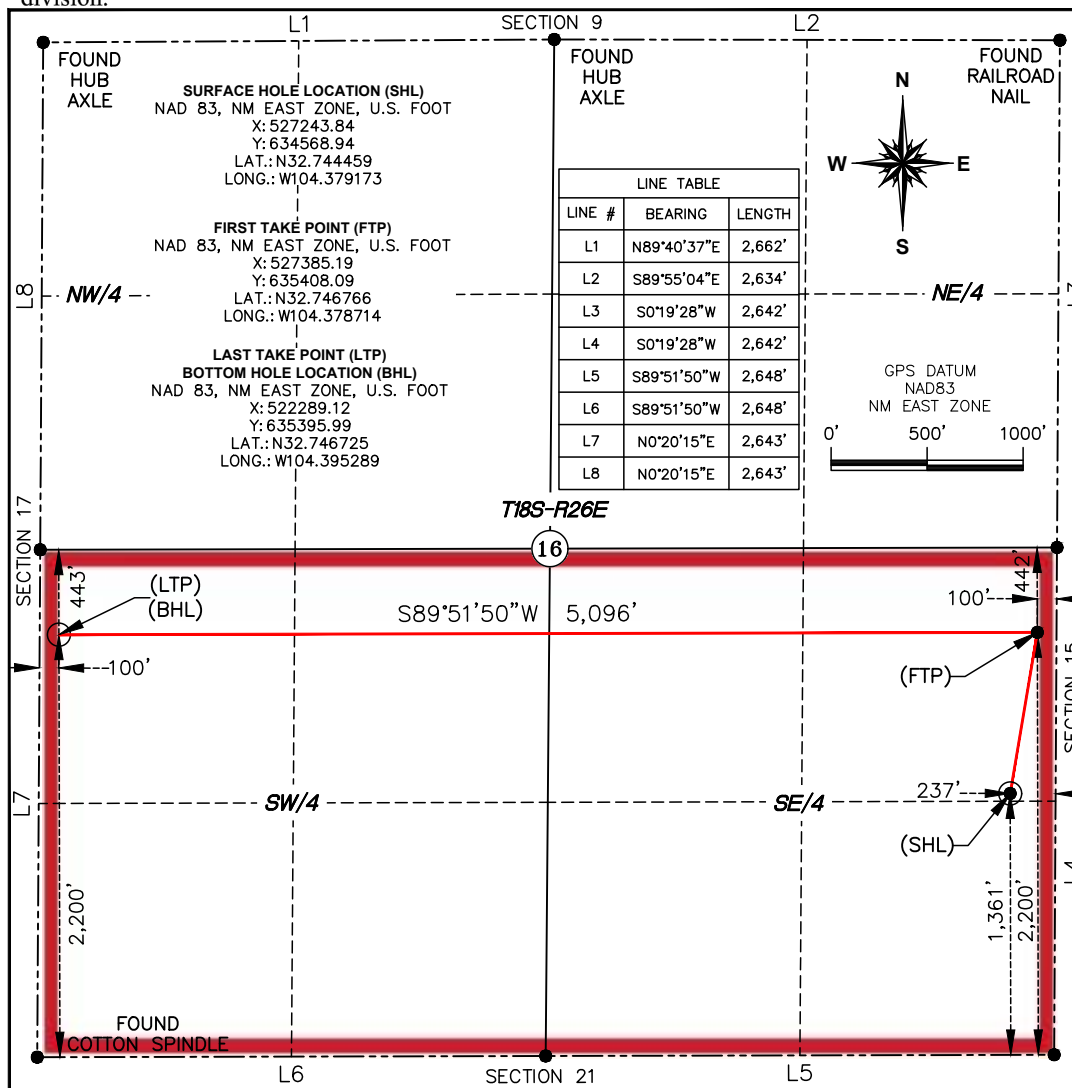
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	18-S	26-E		1,361'	SOUTH	237'	EAST	EDDY

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
L	16	18-S	26-E		2,200'	SOUTH	100'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	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.

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.

Fatma Abdallah 02-05-24
Signature Date

Fatma Abdallah
Printed Name

fabdallah@silverbackexp.com
E-mail Address

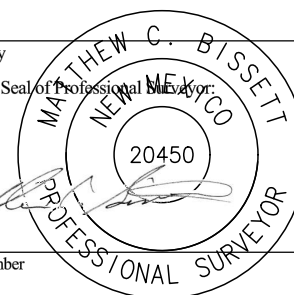
¹⁸ SURVEYOR CERTIFICATION

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.

01/11/24

Date of Survey

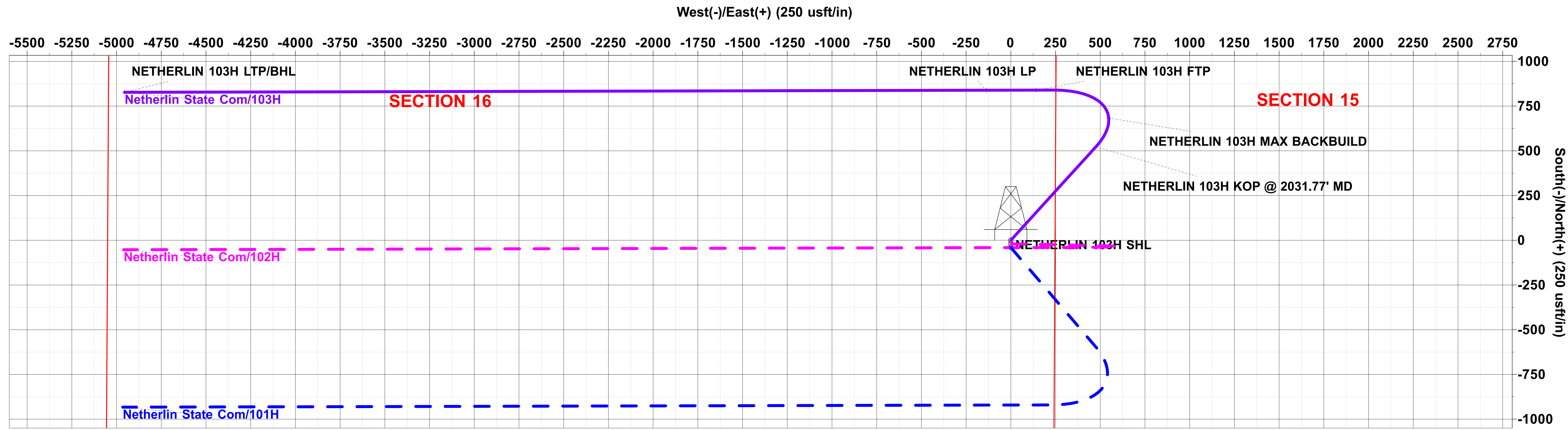
Signature and Seal of Professional Surveyor:



20450
Certificate Number



Project: EDDY COUNTY, NM (NAD 83 - NME)
Site: Netherlin State Com
Well: 103H
Wellbore: Wellbore #1
Design: Plan 2r1



WELL DETAILS: 103H

Rig Name:		TBD			RKB = 20' @ 3375.00usft (TBD)	
Ground Level:		3355.00				
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	634568.94	527243.84	32.7444589	-104.3791727	

SECTION DETAILS

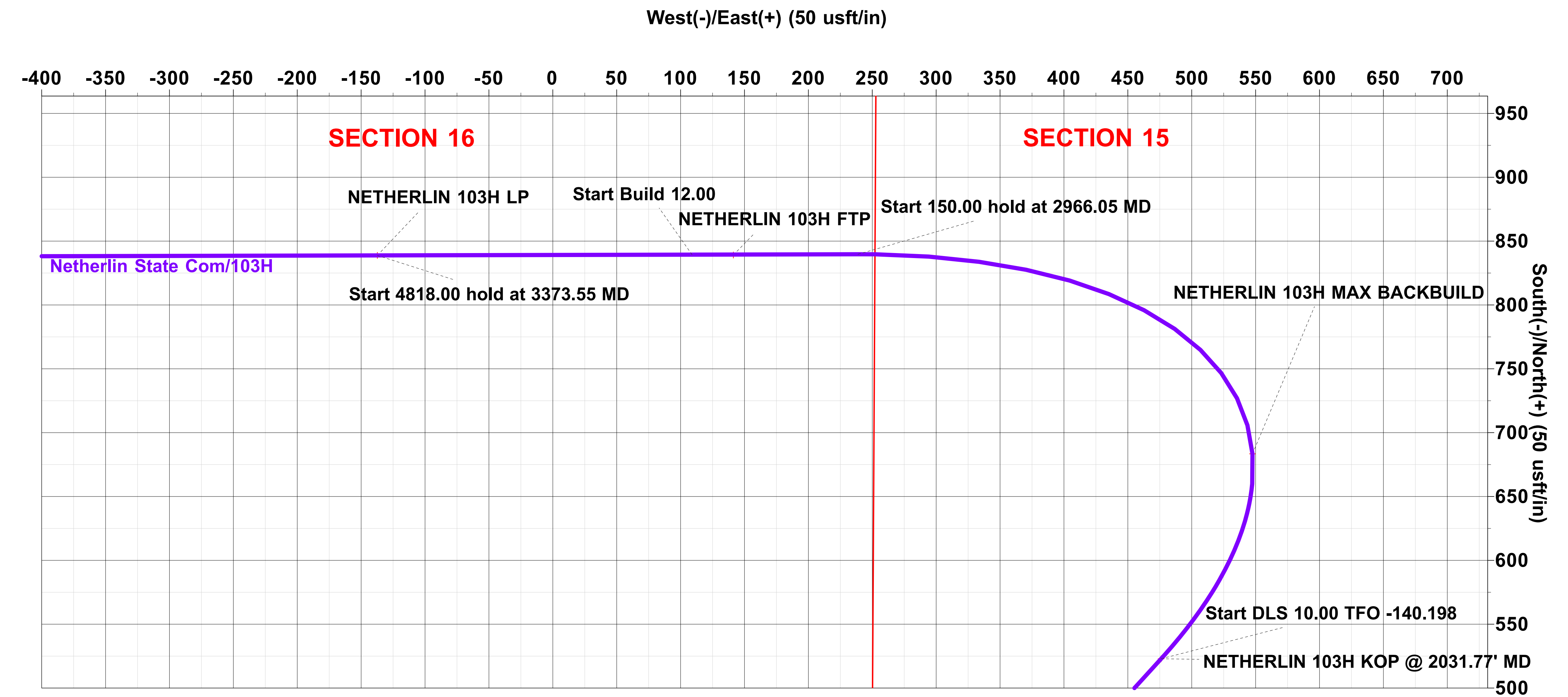
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	
3	1625.02	45.00	42.31	1512.87	310.25	282.43	4.00	-283.19	
4	2031.77	45.00	42.31	1800.48	522.94	476.05	0.00	-477.33	
5	2966.05	60.00	269.86	2534.77	839.74	238.81	10.00	-240.86	
6	3116.05	60.00	269.86	2609.77	839.42	108.90	0.00	-110.95	
7	3373.55	90.90	269.86	2673.68	838.82	-137.33	12.00	135.28	
8	8191.55	90.90	269.86	2598.00	827.05	-4954.72	0.00	4952.68	NETHERLIN 103H LTP/BHL

DESIGN TARGET DETAILS

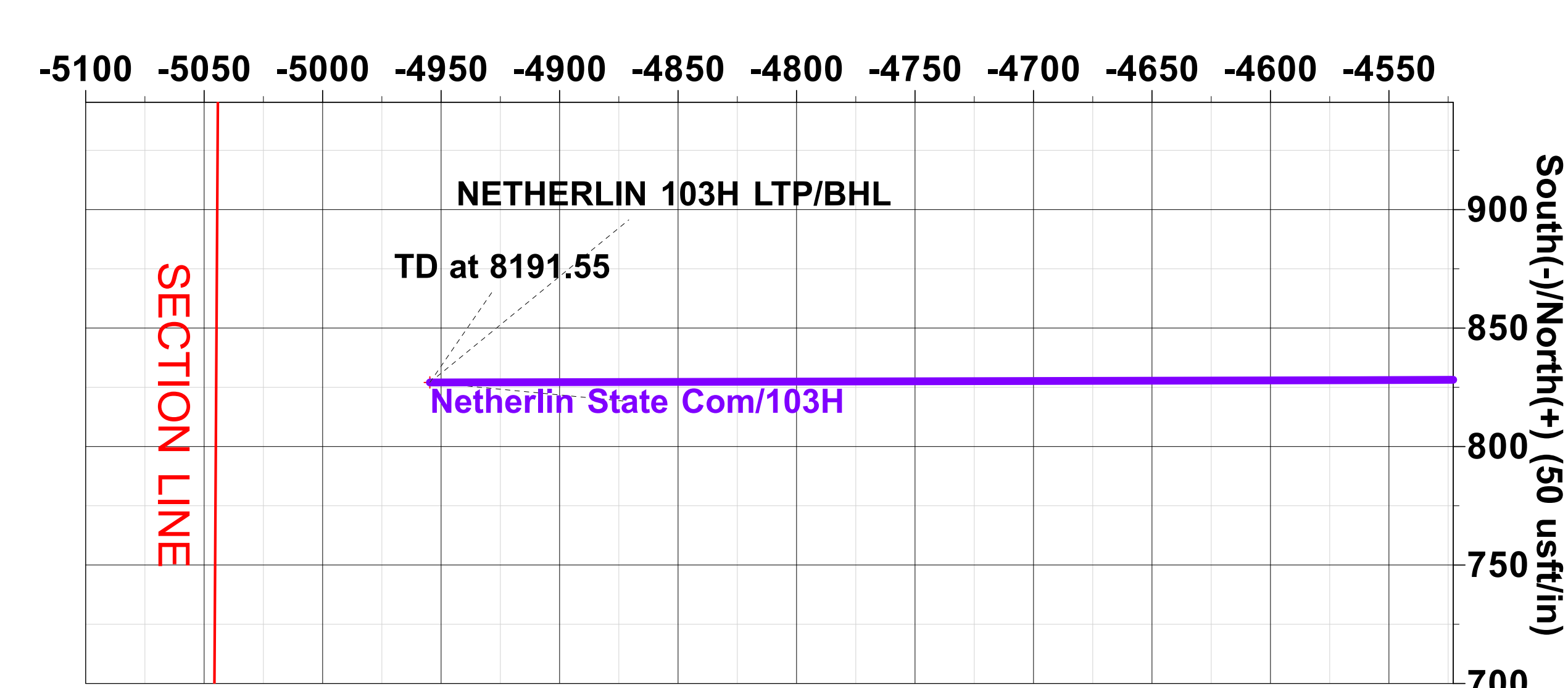
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
NETHERLIN 103H SHL	0.00	0.00	0.00	634568.94	527243.84	32.7444589	-104.3791727
NETHERLIN 103H KOP @ 2031.77' MD	1800.48	522.94	476.05	635091.88	527719.89	32.7458969	-104.3776251
NETHERLIN 103H MAX BACKBUILD	2060.90	683.44	547.60	635252.38	527791.44	32.7463381	-104.3773926
NETHERLIN 103H LTP/BHL	2598.00	827.05	-4954.72	635395.99	522289.12	32.7467253	-104.3952895
NETHERLIN 103H LP	2673.68	838.82	-137.33	635407.76	527106.51	32.7467644	-104.3796206
NETHERLIN 103H FTP	2678.00	839.15	141.35	635408.09	527385.19	32.7467656	-104.3787142

PROJECT DETAILS: EDDY COUNTY, NM (NAD 83 - NME)

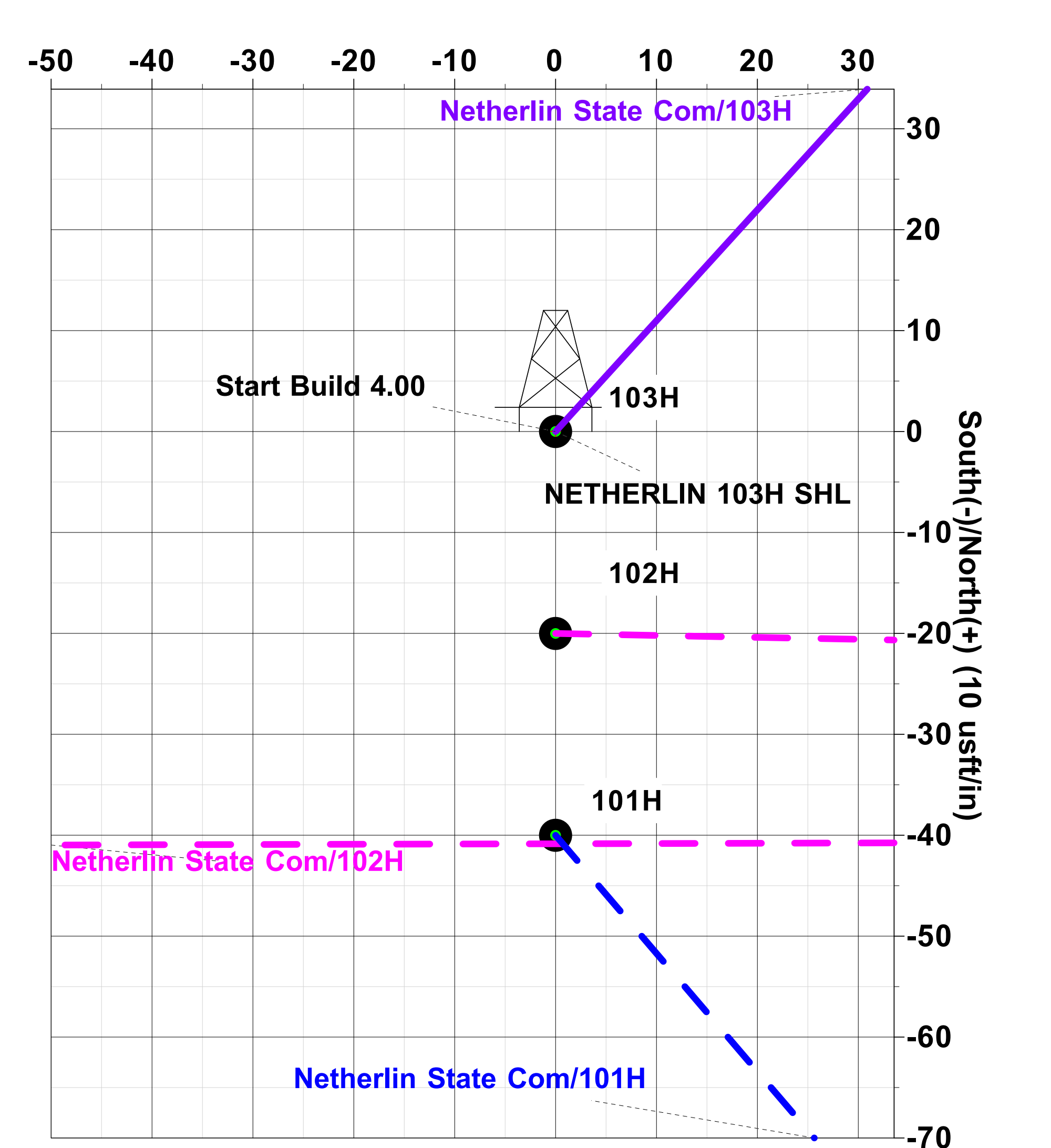
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



West(-)/East(+) (50 usft/in)

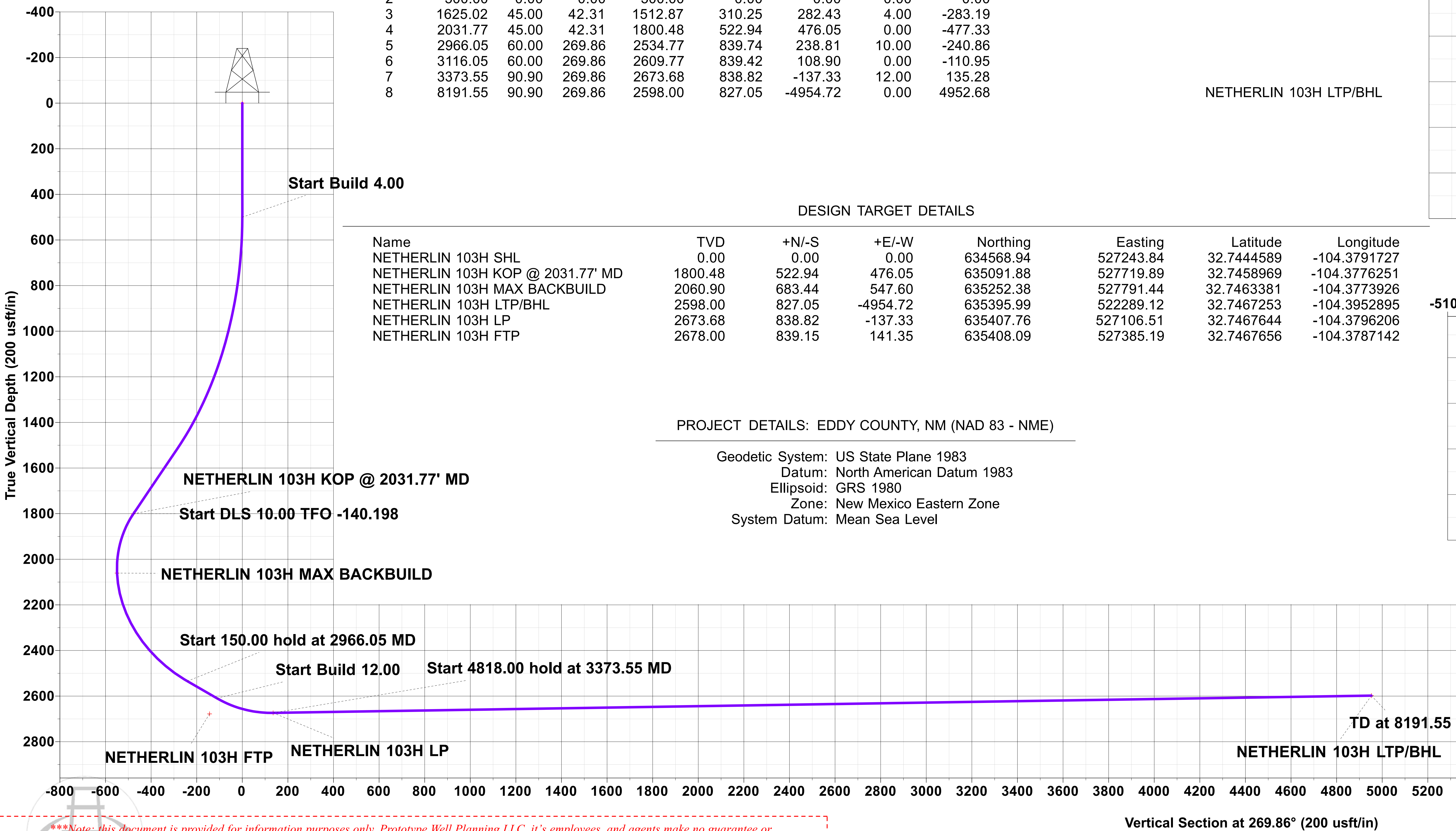


West(-)/East(+) (10 usft/in)



Plan: Plan 2r1 (103H/Wellbore #1)

Created By: PROTOTYPE WELL PLANNING / Date: 8:46, January 16 2024



Vertical Section at 269.86° (200 usft/in)

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SILVERBACK EXPLORATION

EDDY COUNTY, NM (NAD 83 - NME)

Netherlin State Com

103H

Wellbore #1

Plan: Plan 2r1

Standard Planning Report

16 January, 2024



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 103H
Company:	SILVERBACK EXPLORATION	TVD Reference:	RKB = 20' @ 3375.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3375.00usft (TBD)
Site:	Netherlin State Com	North Reference:	Grid
Well:	103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 2r1		

Project	EDDY COUNTY, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Netherlin State Com				
Site Position:		Northing:	634,833.89 usft	Latitude:	32.7451871	
From:	Map	Easting:	527,198.88 usft	Longitude:	-104.3793193	
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.025 °

Well	103H					
Well Position	+N/-S	-264.95 usft	Northing:	634,568.94 usft	Latitude:	32.7444589
	+E/-W	44.96 usft	Easting:	527,243.84 usft	Longitude:	-104.3791727
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft	Ground Level:	3,355.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	07/05/23	6.720	60.186	47,504

Design	Plan 2r1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	269.86

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.000	
1,625.02	45.00	42.31	1,512.87	310.25	282.43	4.00	4.00	0.00	42.313	
2,031.77	45.00	42.31	1,800.48	522.94	476.05	0.00	0.00	0.00	0.000	
2,966.05	60.00	269.86	2,534.77	839.74	238.81	10.00	1.61	-14.18	-140.198	
3,116.05	60.00	269.86	2,609.77	839.42	108.90	0.00	0.00	0.00	0.000	
3,373.55	90.90	269.86	2,673.68	838.82	-137.33	12.00	12.00	0.00	0.000	
8,191.55	90.90	269.86	2,598.00	827.05	-4,954.72	0.00	0.00	0.00	0.000	NETHERLIN 103H



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 103H
Company:	SILVERBACK EXPLORATION	TVD Reference:	RKB = 20' @ 3375.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3375.00usft (TBD)
Site:	Netherlin State Com	North Reference:	Grid
Well:	103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 2r1		

Planned 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
NETHERLIN 103H SHL									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	4.00	42.31	599.92	2.58	2.35	-2.36	4.00	4.00	0.00
700.00	8.00	42.31	699.35	10.31	9.38	-9.41	4.00	4.00	0.00
800.00	12.00	42.31	797.81	23.15	21.07	-21.13	4.00	4.00	0.00
900.00	16.00	42.31	894.82	41.03	37.35	-37.45	4.00	4.00	0.00
1,000.00	20.00	42.31	989.91	63.88	58.15	-58.31	4.00	4.00	0.00
1,100.00	24.00	42.31	1,082.61	91.58	83.36	-83.59	4.00	4.00	0.00
1,200.00	28.00	42.31	1,172.47	123.99	112.87	-113.17	4.00	4.00	0.00
1,300.00	32.00	42.31	1,259.05	160.95	146.52	-146.91	4.00	4.00	0.00
1,400.00	36.00	42.31	1,341.94	202.30	184.16	-184.65	4.00	4.00	0.00
1,500.00	40.00	42.31	1,420.73	247.81	225.59	-226.20	4.00	4.00	0.00
1,600.00	44.00	42.31	1,495.02	297.28	270.63	-271.35	4.00	4.00	0.00
1,625.02	45.00	42.31	1,512.87	310.25	282.43	-283.19	4.00	4.00	0.00
1,700.00	45.00	42.31	1,565.89	349.46	318.12	-318.98	0.00	0.00	0.00
1,800.00	45.00	42.31	1,636.60	401.75	365.73	-366.71	0.00	0.00	0.00
1,900.00	45.00	42.31	1,707.31	454.04	413.33	-414.43	0.00	0.00	0.00
2,000.00	45.00	42.31	1,778.02	506.33	460.93	-462.16	0.00	0.00	0.00
2,031.77	45.00	42.31	1,800.48	522.94	476.05	-477.33	0.00	0.00	0.00
NETHERLIN 103H KOP @ 2031.77' MD									
2,050.00	43.61	40.62	1,813.53	532.48	484.48	-485.78	10.00	-7.62	-9.28
2,100.00	39.95	35.51	1,850.82	558.65	505.05	-506.41	10.00	-7.33	-10.22
2,150.00	36.54	29.59	1,890.09	584.68	521.73	-523.16	10.00	-6.81	-11.85
2,200.00	33.48	22.69	1,931.06	610.37	534.41	-535.90	10.00	-6.12	-13.80
2,250.00	30.87	14.68	1,973.39	635.51	542.99	-544.54	10.00	-5.23	-16.03
2,300.00	28.82	5.50	2,016.78	659.93	547.39	-549.00	10.00	-4.09	-18.36
2,350.00	27.47	355.28	2,060.90	683.44	547.60	-549.27	10.00	-2.70	-20.44
NETHERLIN 103H MAX BACKBUILD									
2,400.00	26.92	344.39	2,105.40	705.84	543.60	-545.32	10.00	-1.09	-21.78
2,450.00	27.23	333.41	2,149.95	726.99	535.43	-537.21	10.00	0.61	-21.96
2,500.00	28.36	322.95	2,194.20	746.71	523.15	-524.97	10.00	2.26	-20.92
2,550.00	30.22	313.45	2,237.83	764.85	506.85	-508.72	10.00	3.72	-19.00
2,600.00	32.69	305.11	2,280.51	781.28	486.66	-488.57	10.00	4.93	-16.69
2,650.00	35.63	297.90	2,321.89	795.87	462.73	-464.67	10.00	5.89	-14.41
2,700.00	38.95	291.72	2,361.68	808.51	435.24	-437.21	10.00	6.63	-12.37
2,750.00	42.55	286.40	2,399.56	819.10	404.40	-406.40	10.00	7.20	-10.65
2,800.00	46.36	281.77	2,435.26	827.57	370.45	-372.47	10.00	7.62	-9.25
2,850.00	50.33	277.71	2,468.49	833.85	333.65	-335.68	10.00	7.95	-8.12
2,900.00	54.44	274.10	2,499.01	837.89	294.27	-296.31	10.00	8.20	-7.22
2,950.00	58.64	270.84	2,526.58	839.66	252.61	-254.66	10.00	8.40	-6.51
2,966.05	60.00	269.86	2,534.77	839.74	238.81	-240.86	10.00	8.50	-6.12
3,000.00	60.00	269.86	2,551.74	839.67	209.41	-211.46	0.00	0.00	0.00
3,100.00	60.00	269.86	2,601.74	839.46	122.80	-124.86	0.00	0.00	0.00
3,116.05	60.00	269.86	2,609.77	839.42	108.90	-110.95	0.00	0.00	0.00
3,121.36	60.64	269.86	2,612.40	839.41	104.29	-106.34	12.00	12.00	0.00
NETHERLIN 103H FTP									
3,125.00	61.07	269.86	2,614.17	839.40	101.11	-103.16	12.00	12.00	0.00
3,150.00	64.07	269.86	2,625.68	839.35	78.93	-80.98	12.00	12.00	0.00
3,175.00	67.07	269.86	2,636.02	839.29	56.17	-58.22	12.00	12.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 103H
Company:	SILVERBACK EXPLORATION	TVD Reference:	RKB = 20' @ 3375.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3375.00usft (TBD)
Site:	Netherlin State Com	North Reference:	Grid
Well:	103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 2r1		

Planned 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)
3,200.00	70.07	269.86	2,645.15	839.24	32.90	-34.95	12.00	12.00	0.00
3,225.00	73.07	269.86	2,653.05	839.18	9.18	-11.23	12.00	12.00	0.00
3,250.00	76.07	269.86	2,659.70	839.12	-14.92	12.87	12.00	12.00	0.00
3,275.00	79.07	269.86	2,665.08	839.06	-39.33	37.28	12.00	12.00	0.00
3,300.00	82.07	269.86	2,669.18	839.00	-63.99	61.94	12.00	12.00	0.00
3,325.00	85.07	269.86	2,671.97	838.94	-88.83	86.78	12.00	12.00	0.00
3,350.00	88.07	269.86	2,673.47	838.88	-113.78	111.73	12.00	12.00	0.00
3,373.55	90.90	269.86	2,673.68	838.82	-137.33	135.28	12.00	12.00	0.00
NETHERLIN 103H LP									
3,400.00	90.90	269.86	2,673.26	838.76	-163.77	161.72	0.00	0.00	0.00
3,500.00	90.90	269.86	2,671.69	838.51	-263.76	261.71	0.00	0.00	0.00
3,600.00	90.90	269.86	2,670.12	838.27	-363.75	361.70	0.00	0.00	0.00
3,700.00	90.90	269.86	2,668.55	838.02	-463.73	461.69	0.00	0.00	0.00
3,800.00	90.90	269.86	2,666.98	837.78	-563.72	561.67	0.00	0.00	0.00
3,900.00	90.90	269.86	2,665.41	837.53	-663.71	661.66	0.00	0.00	0.00
4,000.00	90.90	269.86	2,663.84	837.29	-763.70	761.65	0.00	0.00	0.00
4,100.00	90.90	269.86	2,662.27	837.05	-863.68	861.64	0.00	0.00	0.00
4,200.00	90.90	269.86	2,660.70	836.80	-963.67	961.62	0.00	0.00	0.00
4,300.00	90.90	269.86	2,659.13	836.56	-1,063.66	1,061.61	0.00	0.00	0.00
4,400.00	90.90	269.86	2,657.56	836.31	-1,163.65	1,161.60	0.00	0.00	0.00
4,500.00	90.90	269.86	2,655.98	836.07	-1,263.63	1,261.59	0.00	0.00	0.00
4,600.00	90.90	269.86	2,654.41	835.82	-1,363.62	1,361.57	0.00	0.00	0.00
4,700.00	90.90	269.86	2,652.84	835.58	-1,463.61	1,461.56	0.00	0.00	0.00
4,800.00	90.90	269.86	2,651.27	835.34	-1,563.60	1,561.55	0.00	0.00	0.00
4,900.00	90.90	269.86	2,649.70	835.09	-1,663.58	1,661.54	0.00	0.00	0.00
5,000.00	90.90	269.86	2,648.13	834.85	-1,763.57	1,761.53	0.00	0.00	0.00
5,100.00	90.90	269.86	2,646.56	834.60	-1,863.56	1,861.51	0.00	0.00	0.00
5,200.00	90.90	269.86	2,644.99	834.36	-1,963.54	1,961.50	0.00	0.00	0.00
5,300.00	90.90	269.86	2,643.42	834.11	-2,063.53	2,061.49	0.00	0.00	0.00
5,400.00	90.90	269.86	2,641.85	833.87	-2,163.52	2,161.48	0.00	0.00	0.00
5,500.00	90.90	269.86	2,640.28	833.63	-2,263.51	2,261.46	0.00	0.00	0.00
5,600.00	90.90	269.86	2,638.71	833.38	-2,363.49	2,361.45	0.00	0.00	0.00
5,700.00	90.90	269.86	2,637.14	833.14	-2,463.48	2,461.44	0.00	0.00	0.00
5,800.00	90.90	269.86	2,635.56	832.89	-2,563.47	2,561.43	0.00	0.00	0.00
5,900.00	90.90	269.86	2,633.99	832.65	-2,663.46	2,661.41	0.00	0.00	0.00
6,000.00	90.90	269.86	2,632.42	832.40	-2,763.44	2,761.40	0.00	0.00	0.00
6,100.00	90.90	269.86	2,630.85	832.16	-2,863.43	2,861.39	0.00	0.00	0.00
6,200.00	90.90	269.86	2,629.28	831.92	-2,963.42	2,961.38	0.00	0.00	0.00
6,300.00	90.90	269.86	2,627.71	831.67	-3,063.41	3,061.36	0.00	0.00	0.00
6,400.00	90.90	269.86	2,626.14	831.43	-3,163.39	3,161.35	0.00	0.00	0.00
6,500.00	90.90	269.86	2,624.57	831.18	-3,263.38	3,261.34	0.00	0.00	0.00
6,600.00	90.90	269.86	2,623.00	830.94	-3,363.37	3,361.33	0.00	0.00	0.00
6,700.00	90.90	269.86	2,621.43	830.69	-3,463.36	3,461.32	0.00	0.00	0.00
6,800.00	90.90	269.86	2,619.86	830.45	-3,563.34	3,561.30	0.00	0.00	0.00
6,900.00	90.90	269.86	2,618.29	830.21	-3,663.33	3,661.29	0.00	0.00	0.00
7,000.00	90.90	269.86	2,616.72	829.96	-3,763.32	3,761.28	0.00	0.00	0.00
7,100.00	90.90	269.86	2,615.15	829.72	-3,863.30	3,861.27	0.00	0.00	0.00
7,200.00	90.90	269.86	2,613.57	829.47	-3,963.29	3,961.25	0.00	0.00	0.00
7,300.00	90.90	269.86	2,612.00	829.23	-4,063.28	4,061.24	0.00	0.00	0.00
7,400.00	90.90	269.86	2,610.43	828.98	-4,163.27	4,161.23	0.00	0.00	0.00
7,500.00	90.90	269.86	2,608.86	828.74	-4,263.25	4,261.22	0.00	0.00	0.00
7,600.00	90.90	269.86	2,607.29	828.50	-4,363.24	4,361.20	0.00	0.00	0.00
7,700.00	90.90	269.86	2,605.72	828.25	-4,463.23	4,461.19	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 103H
Company:	SILVERBACK EXPLORATION	TVD Reference:	RKB = 20' @ 3375.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3375.00usft (TBD)
Site:	Netherlin State Com	North Reference:	Grid
Well:	103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 2r1		

Planned 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)
7,800.00	90.90	269.86	2,604.15	828.01	-4,563.22	4,561.18	0.00	0.00	0.00
7,900.00	90.90	269.86	2,602.58	827.76	-4,663.20	4,661.17	0.00	0.00	0.00
8,000.00	90.90	269.86	2,601.01	827.52	-4,763.19	4,761.15	0.00	0.00	0.00
8,100.00	90.90	269.86	2,599.44	827.27	-4,863.18	4,861.14	0.00	0.00	0.00
8,191.55	90.90	269.86	2,598.00	827.05	-4,954.72	4,952.68	0.00	0.00	0.00
NETHERLIN 103H LTP/BHL									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
NETHERLIN 103H ST - plan hits target center - Point	0.00	360.00	0.00	0.00	0.00	634,568.94	527,243.84	32.7444589	-104.3791727
NETHERLIN 103H KC - plan hits target center - Point	0.00	360.00	1,800.48	522.94	476.05	635,091.89	527,719.89	32.7458969	-104.3776251
NETHERLIN 103H M/ - plan hits target center - Point	0.00	0.00	2,060.90	683.44	547.60	635,252.38	527,791.44	32.7463381	-104.3773926
NETHERLIN 103H LT - plan hits target center - Point	0.00	360.00	2,598.00	827.05	-4,954.72	635,395.99	522,289.12	32.7467253	-104.3952894
NETHERLIN 103H LF - plan hits target center - Point	0.00	360.00	2,673.68	838.82	-137.33	635,407.77	527,106.51	32.7467644	-104.3796206
NETHERLIN 103H FT - plan misses target center by 75.35usft at 3121.36usft MD (2612.40 TVD, 839.41 N, 104.29 E) - Point	0.00	360.00	2,678.00	839.15	141.35	635,408.09	527,385.19	32.7467657	-104.3787142

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

CONDITIONS

Action 311371

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 311371
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface, then a CBL is required.	3/21/2024