

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. 30-015-50082
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 102H
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> : 1341' feet from the <u>South</u> line and <u>236'</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'	
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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 102H	Surface	12.25	9.625	36	1291	286	0
	Intermediate					0	0
	Production	8.75	7	32	3097	132	0
	Production	8.75	5.5	20	7995	1559	1647

Spud Date:

08/08/2024

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 02/01/2024

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
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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 30-015-50082	² Pool Code 3250	³ Pool Name ATOKA; GLORIETA-YESO
⁴ Property Code 333472	⁵ Property Name NETHERLIN STATE COM	⁶ Well Number 102H
⁷ OGRID No. 330968	⁸ Operator Name SILVERBACK OPERATING II, LLC	⁹ Elevation 3,355'

¹⁰ Surface Location

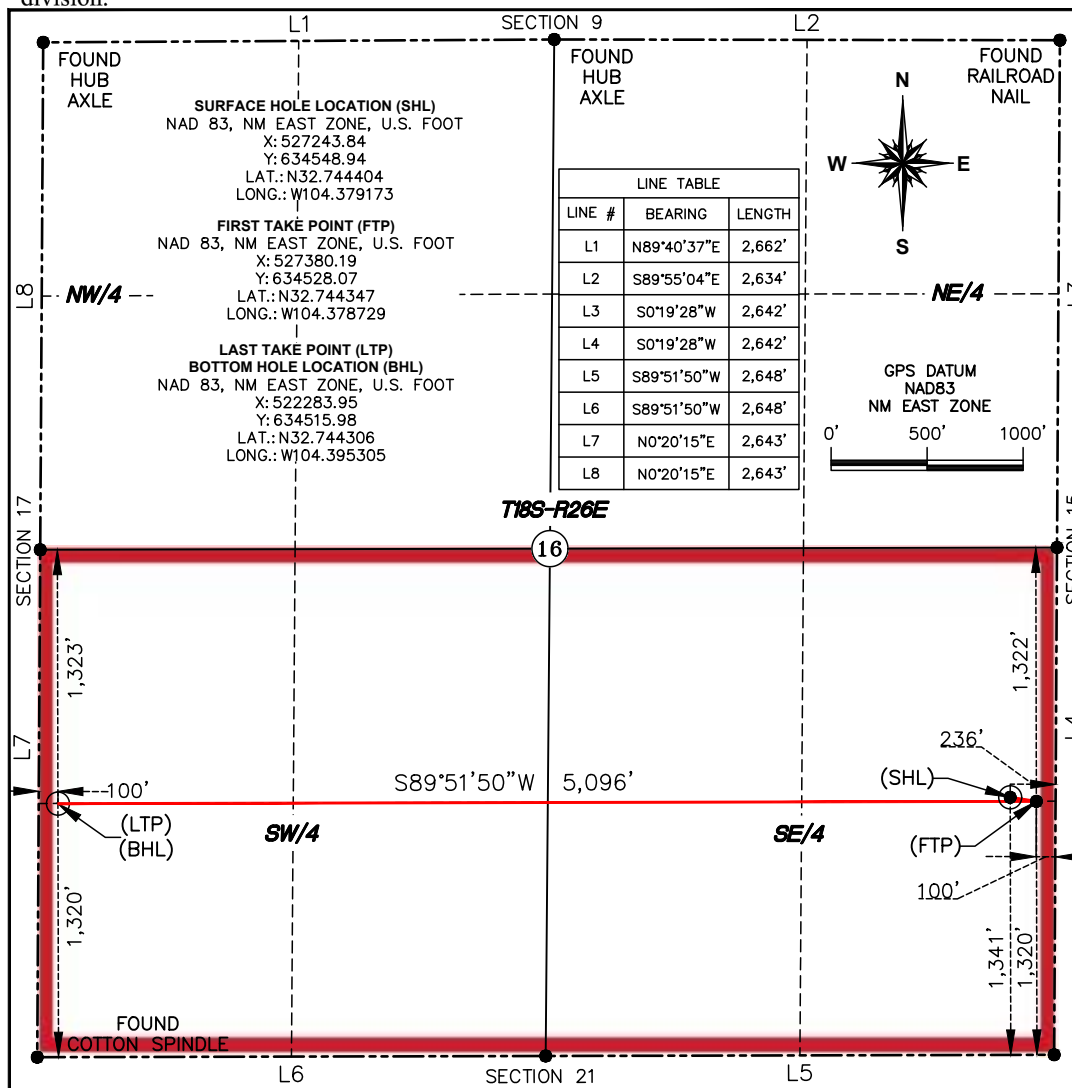
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	18-S	26-E		1,341	SOUTH	236'	EAST	EDDY

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
M	16	18-S	26-E		1,320'	SOUTH	100'	WEST	EDDY

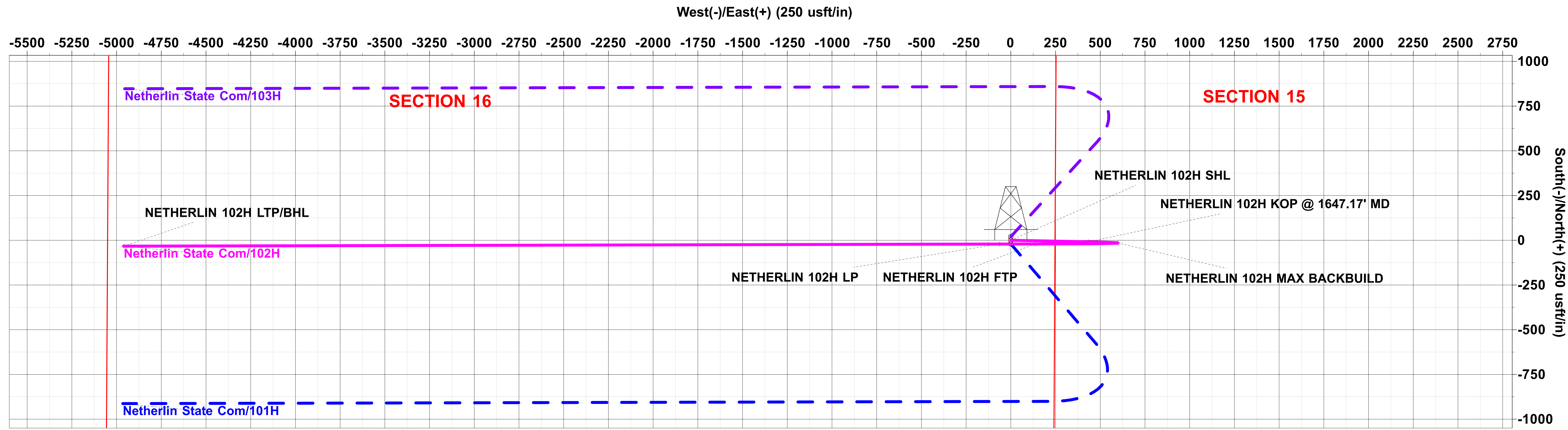
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Project: EDDY COUNTY, NM (NAD 83 - NME)
Site: Netherlin State Com
Well: 102H
Wellbore: Wellbore #1
Design: Plan 2r1



WELL DETAILS: 102H

Rig Name:		TBD			RKB = 20' @ 3375.00usft (TBD)	
Ground Level:		3355.00				
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	634548.94	527243.84	32.7444039	-104.3791727	

SECTION DETAILS

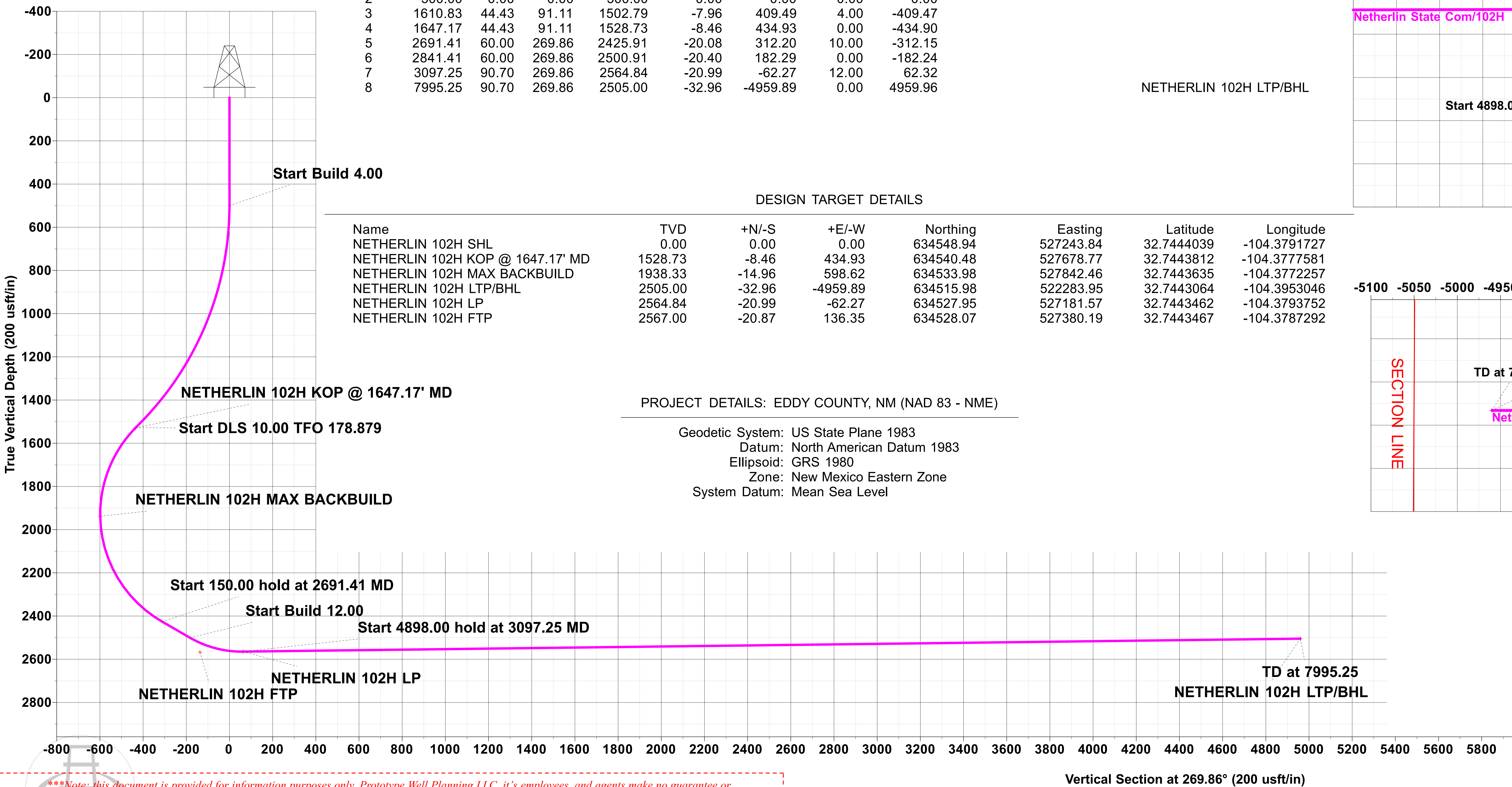
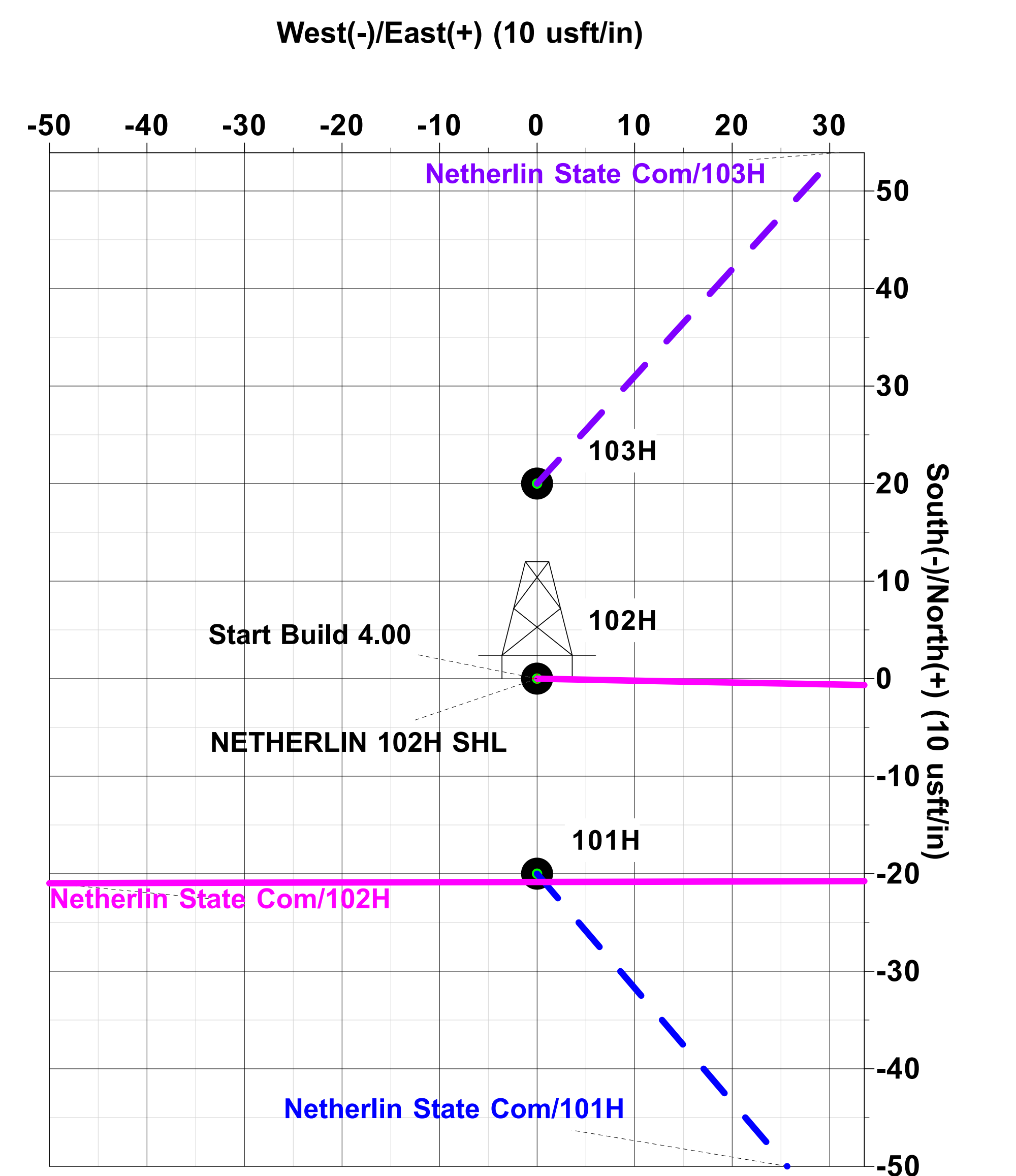
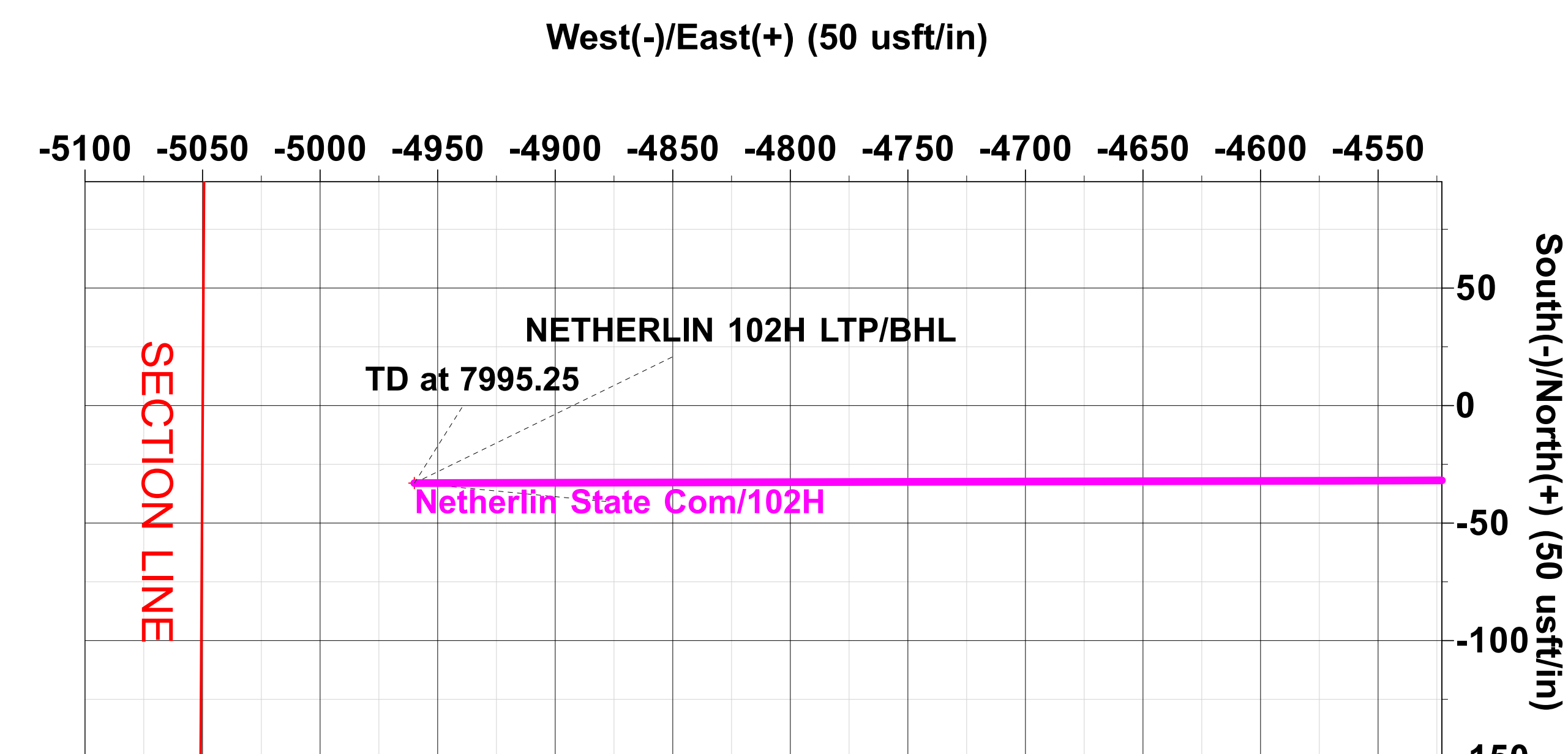
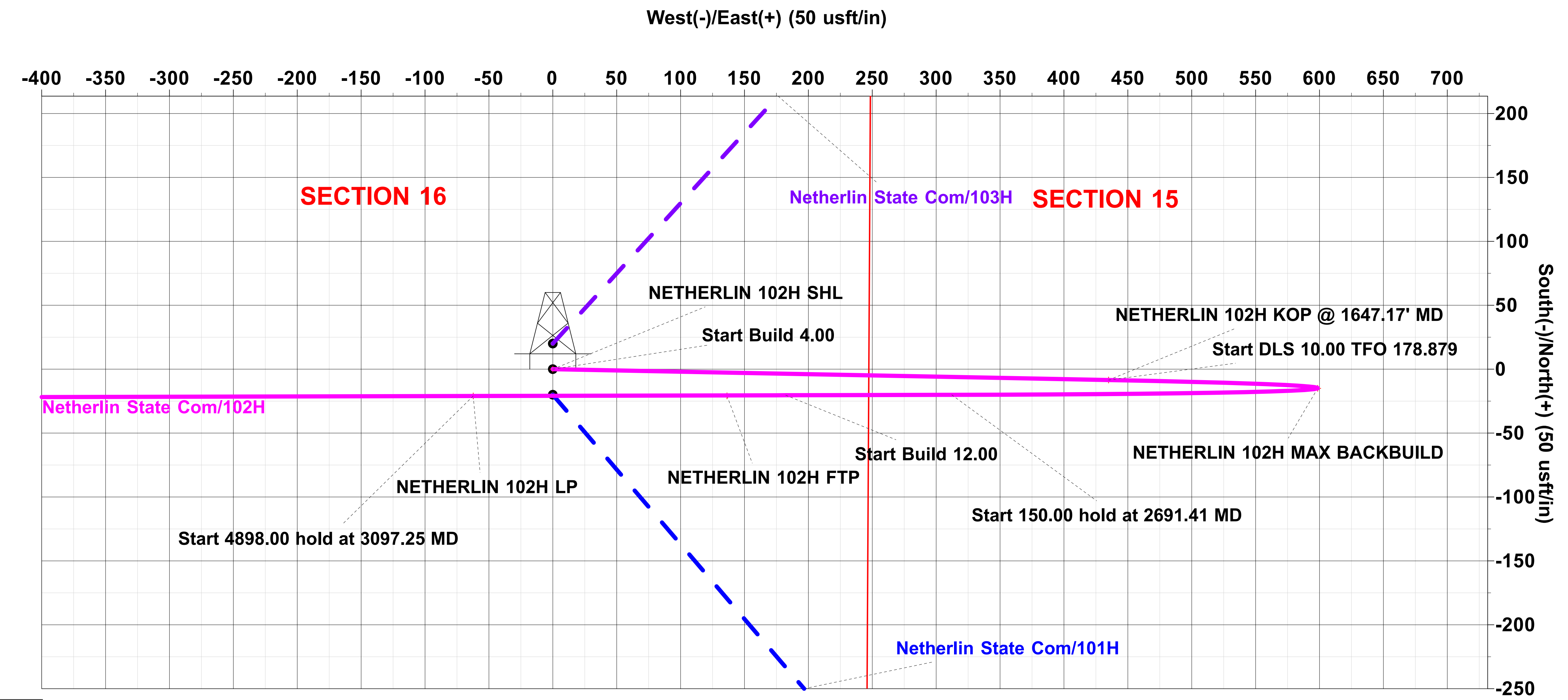
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	
3	1610.83	44.43	91.11	1502.79	-7.96	409.49	4.00	-409.47	
4	1647.17	44.43	91.11	1528.73	-8.46	434.93	0.00	-434.90	
5	2691.41	60.00	269.86	2425.91	-20.08	312.20	10.00	-312.15	
6	2841.41	60.00	269.86	2500.91	-20.40	182.29	0.00	-182.24	
7	3097.25	90.70	269.86	2564.84	-20.99	-62.27	12.00	62.32	
8	7995.25	90.70	269.86	2505.00	-32.96	-4959.89	0.00	4959.96	NETHERLIN 102H LTP/BHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
NETHERLIN 102H SHL	0.00	0.00	0.00	634548.94	527243.84	32.7444039	-104.3791727
NETHERLIN 102H KOP @ 1647.17' MD	1528.73	-8.46	434.93	634540.48	527678.77	32.7443812	-104.3777581
NETHERLIN 102H MAX BACKBUILD	1938.33	-14.96	598.62	634533.98	527842.46	32.7443635	-104.3772257
NETHERLIN 102H LTP/BHL	2505.00	-32.96	-4959.89	634515.98	522283.95	32.7443064	-104.3953046
NETHERLIN 102H LP	2564.84	-20.99	-62.27	634527.95	527181.57	32.7443462	-104.3793752
NETHERLIN 102H FTP	2567.00	-20.87	136.35	634528.07	527380.19	32.7443467	-104.3787292

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



Vertical Section at 269.86° (200 usft/in)

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SILVERBACK EXPLORATION

EDDY COUNTY, NM (NAD 83 - NME)

Netherlin State Com

102H

Wellbore #1

Plan: Plan 2r1

Standard Planning Report

15 January, 2024



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 102H
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:	102H	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	102H					
Well Position	+N/-S	-284.95 usft	Northing:	634,548.94 usft	Latitude:	32.7444040
	+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	
1,610.83	44.43	91.11	1,502.79	-7.96	409.49	4.00	4.00	0.00	91.114	
1,647.17	44.43	91.11	1,528.73	-8.46	434.93	0.00	0.00	0.00	0.000	
2,691.41	60.00	269.86	2,425.91	-20.08	312.20	10.00	1.49	17.12	178.879	
2,841.41	60.00	269.86	2,500.91	-20.40	182.29	0.00	0.00	0.00	0.000	
3,097.25	90.70	269.86	2,564.84	-20.99	-62.27	12.00	12.00	0.00	0.000	
7,995.25	90.70	269.86	2,505.00	-32.96	-4,959.89	0.00	0.00	0.00	0.000	NETHERLIN 102H



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 102H
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:	102H	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 102H 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	91.11	599.92	-0.07	3.49	-3.49	4.00	4.00	0.00
700.00	8.00	91.11	699.35	-0.27	13.94	-13.94	4.00	4.00	0.00
800.00	12.00	91.11	797.81	-0.61	31.30	-31.29	4.00	4.00	0.00
900.00	16.00	91.11	894.82	-1.08	55.48	-55.48	4.00	4.00	0.00
1,000.00	20.00	91.11	989.91	-1.68	86.37	-86.36	4.00	4.00	0.00
1,100.00	24.00	91.11	1,082.61	-2.41	123.81	-123.81	4.00	4.00	0.00
1,200.00	28.00	91.11	1,172.47	-3.26	167.63	-167.63	4.00	4.00	0.00
1,300.00	32.00	91.11	1,259.05	-4.23	217.61	-217.60	4.00	4.00	0.00
1,400.00	36.00	91.11	1,341.94	-5.32	273.51	-273.50	4.00	4.00	0.00
1,500.00	40.00	91.11	1,420.73	-6.51	335.05	-335.04	4.00	4.00	0.00
1,600.00	44.00	91.11	1,495.02	-7.82	401.94	-401.92	4.00	4.00	0.00
1,610.83	44.43	91.11	1,502.79	-7.96	409.49	-409.47	4.00	4.00	0.00
1,647.17	44.43	91.11	1,528.73	-8.46	434.93	-434.90	0.00	0.00	0.00
NETHERLIN 102H KOP @ 1647.17' MD									
1,650.00	44.15	91.12	1,530.76	-8.50	436.90	-436.88	10.00	-10.00	0.28
1,700.00	39.15	91.28	1,568.11	-9.19	470.11	-470.09	10.00	-10.00	0.31
1,750.00	34.15	91.47	1,608.21	-9.90	499.94	-499.92	10.00	-10.00	0.39
1,800.00	29.15	91.72	1,650.76	-10.63	526.16	-526.14	10.00	-10.00	0.50
1,850.00	24.16	92.06	1,695.43	-11.36	548.58	-548.55	10.00	-10.00	0.69
1,900.00	19.16	92.57	1,741.89	-12.10	567.01	-566.98	10.00	-9.99	1.02
1,950.00	14.17	93.42	1,789.77	-12.83	581.32	-581.29	10.00	-9.99	1.70
2,000.00	9.18	95.18	1,838.72	-13.56	591.41	-591.37	10.00	-9.98	3.51
2,050.00	4.22	101.02	1,888.37	-14.27	597.19	-597.15	10.00	-9.92	11.68
2,100.00	1.16	227.78	1,938.33	-14.96	598.62	-598.58	10.00	-6.11	253.52
NETHERLIN 102H MAX BACKBUILD									
2,150.00	5.91	262.70	1,988.22	-15.63	595.69	-595.65	10.00	9.49	69.86
2,200.00	10.88	266.23	2,037.67	-16.27	588.42	-588.38	10.00	9.95	7.04
2,250.00	15.87	267.55	2,086.30	-16.87	576.87	-576.83	10.00	9.98	2.65
2,300.00	20.87	268.25	2,133.73	-17.44	561.13	-561.08	10.00	9.99	1.40
2,350.00	25.87	268.69	2,179.62	-17.96	541.31	-541.27	10.00	9.99	0.88
2,400.00	30.86	269.00	2,223.60	-18.43	517.57	-517.52	10.00	10.00	0.61
2,450.00	35.86	269.23	2,265.35	-18.85	490.08	-490.04	10.00	10.00	0.46
2,500.00	40.86	269.41	2,304.54	-19.22	459.06	-459.01	10.00	10.00	0.36
2,550.00	45.86	269.55	2,340.88	-19.53	424.75	-424.70	10.00	10.00	0.29
2,600.00	50.86	269.67	2,374.09	-19.78	387.39	-387.34	10.00	10.00	0.25
2,650.00	55.86	269.78	2,403.92	-19.97	347.28	-347.24	10.00	10.00	0.21
2,691.41	60.00	269.86	2,425.91	-20.08	312.20	-312.15	10.00	10.00	0.19
2,700.00	60.00	269.86	2,430.20	-20.10	304.76	-304.71	0.00	0.00	0.00
2,800.00	60.00	269.86	2,480.20	-20.31	218.16	-218.11	0.00	0.00	0.00
2,841.41	60.00	269.86	2,500.91	-20.40	182.29	-182.24	0.00	0.00	0.00
2,850.00	61.03	269.86	2,505.13	-20.41	174.82	-174.77	12.00	12.00	0.00
2,875.00	64.03	269.86	2,516.66	-20.47	152.64	-152.59	12.00	12.00	0.00
2,900.00	67.03	269.86	2,527.02	-20.52	129.89	-129.84	12.00	12.00	0.00
2,908.63	68.07	269.86	2,530.31	-20.54	121.92	-121.87	12.00	12.00	0.00
NETHERLIN 102H FTP									
2,925.00	70.03	269.86	2,536.17	-20.58	106.63	-106.58	12.00	12.00	0.00
2,950.00	73.03	269.86	2,544.09	-20.64	82.92	-82.87	12.00	12.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 102H
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:	102H	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)
2,975.00	76.03	269.86	2,550.75	-20.70	58.83	-58.78	12.00	12.00	0.00
3,000.00	79.03	269.86	2,556.15	-20.76	34.42	-34.37	12.00	12.00	0.00
3,025.00	82.03	269.86	2,560.26	-20.82	9.76	-9.71	12.00	12.00	0.00
3,050.00	85.03	269.86	2,563.08	-20.88	-15.07	15.13	12.00	12.00	0.00
3,075.00	88.03	269.86	2,564.59	-20.94	-40.03	40.08	12.00	12.00	0.00
3,097.25	90.70	269.86	2,564.84	-20.99	-62.27	62.32	12.00	12.00	0.00
NETHERLIN 102H LP									
3,100.00	90.70	269.86	2,564.81	-21.00	-65.02	65.07	0.00	0.00	0.00
3,200.00	90.70	269.86	2,563.58	-21.24	-165.01	165.07	0.00	0.00	0.00
3,300.00	90.70	269.86	2,562.36	-21.49	-265.01	265.06	0.00	0.00	0.00
3,400.00	90.70	269.86	2,561.14	-21.73	-365.00	365.05	0.00	0.00	0.00
3,500.00	90.70	269.86	2,559.92	-21.98	-464.99	465.04	0.00	0.00	0.00
3,600.00	90.70	269.86	2,558.70	-22.22	-564.98	565.04	0.00	0.00	0.00
3,700.00	90.70	269.86	2,557.48	-22.47	-664.98	665.03	0.00	0.00	0.00
3,800.00	90.70	269.86	2,556.25	-22.71	-764.97	765.02	0.00	0.00	0.00
3,900.00	90.70	269.86	2,555.03	-22.95	-864.96	865.01	0.00	0.00	0.00
4,000.00	90.70	269.86	2,553.81	-23.20	-964.95	965.01	0.00	0.00	0.00
4,100.00	90.70	269.86	2,552.59	-23.44	-1,064.94	1,065.00	0.00	0.00	0.00
4,200.00	90.70	269.86	2,551.37	-23.69	-1,164.94	1,164.99	0.00	0.00	0.00
4,300.00	90.70	269.86	2,550.14	-23.93	-1,264.93	1,264.98	0.00	0.00	0.00
4,400.00	90.70	269.86	2,548.92	-24.18	-1,364.92	1,364.98	0.00	0.00	0.00
4,500.00	90.70	269.86	2,547.70	-24.42	-1,464.91	1,464.97	0.00	0.00	0.00
4,600.00	90.70	269.86	2,546.48	-24.66	-1,564.91	1,564.96	0.00	0.00	0.00
4,700.00	90.70	269.86	2,545.26	-24.91	-1,664.90	1,664.95	0.00	0.00	0.00
4,800.00	90.70	269.86	2,544.04	-25.15	-1,764.89	1,764.95	0.00	0.00	0.00
4,900.00	90.70	269.86	2,542.81	-25.40	-1,864.88	1,864.94	0.00	0.00	0.00
5,000.00	90.70	269.86	2,541.59	-25.64	-1,964.87	1,964.93	0.00	0.00	0.00
5,100.00	90.70	269.86	2,540.37	-25.89	-2,064.87	2,064.92	0.00	0.00	0.00
5,200.00	90.70	269.86	2,539.15	-26.13	-2,164.86	2,164.92	0.00	0.00	0.00
5,300.00	90.70	269.86	2,537.93	-26.37	-2,264.85	2,264.91	0.00	0.00	0.00
5,400.00	90.70	269.86	2,536.71	-26.62	-2,364.84	2,364.90	0.00	0.00	0.00
5,500.00	90.70	269.86	2,535.48	-26.86	-2,464.84	2,464.89	0.00	0.00	0.00
5,600.00	90.70	269.86	2,534.26	-27.11	-2,564.83	2,564.89	0.00	0.00	0.00
5,700.00	90.70	269.86	2,533.04	-27.35	-2,664.82	2,664.88	0.00	0.00	0.00
5,800.00	90.70	269.86	2,531.82	-27.60	-2,764.81	2,764.87	0.00	0.00	0.00
5,900.00	90.70	269.86	2,530.60	-27.84	-2,864.80	2,864.86	0.00	0.00	0.00
6,000.00	90.70	269.86	2,529.38	-28.09	-2,964.80	2,964.86	0.00	0.00	0.00
6,100.00	90.70	269.86	2,528.15	-28.33	-3,064.79	3,064.85	0.00	0.00	0.00
6,200.00	90.70	269.86	2,526.93	-28.57	-3,164.78	3,164.84	0.00	0.00	0.00
6,300.00	90.70	269.86	2,525.71	-28.82	-3,264.77	3,264.83	0.00	0.00	0.00
6,400.00	90.70	269.86	2,524.49	-29.06	-3,364.77	3,364.83	0.00	0.00	0.00
6,500.00	90.70	269.86	2,523.27	-29.31	-3,464.76	3,464.82	0.00	0.00	0.00
6,600.00	90.70	269.86	2,522.05	-29.55	-3,564.75	3,564.81	0.00	0.00	0.00
6,700.00	90.70	269.86	2,520.82	-29.80	-3,664.74	3,664.80	0.00	0.00	0.00
6,800.00	90.70	269.86	2,519.60	-30.04	-3,764.73	3,764.80	0.00	0.00	0.00
6,900.00	90.70	269.86	2,518.38	-30.28	-3,864.73	3,864.79	0.00	0.00	0.00
7,000.00	90.70	269.86	2,517.16	-30.53	-3,964.72	3,964.78	0.00	0.00	0.00
7,100.00	90.70	269.86	2,515.94	-30.77	-4,064.71	4,064.77	0.00	0.00	0.00
7,200.00	90.70	269.86	2,514.72	-31.02	-4,164.70	4,164.77	0.00	0.00	0.00
7,300.00	90.70	269.86	2,513.49	-31.26	-4,264.70	4,264.76	0.00	0.00	0.00
7,400.00	90.70	269.86	2,512.27	-31.51	-4,364.69	4,364.75	0.00	0.00	0.00
7,500.00	90.70	269.86	2,511.05	-31.75	-4,464.68	4,464.74	0.00	0.00	0.00
7,600.00	90.70	269.86	2,509.83	-31.99	-4,564.67	4,564.74	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well 102H
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:	102H	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)
7,700.00	90.70	269.86	2,508.61	-32.24	-4,664.67	4,664.73	0.00	0.00	0.00
7,800.00	90.70	269.86	2,507.39	-32.48	-4,764.66	4,764.72	0.00	0.00	0.00
7,900.00	90.70	269.86	2,506.16	-32.73	-4,864.65	4,864.71	0.00	0.00	0.00
7,995.25	90.70	269.86	2,505.00	-32.96	-4,959.89	4,959.96	0.00	0.00	0.00
NETHERLIN 102H 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 102H ST	0.00	360.00	0.00	0.00	0.00	634,548.94	527,243.84	32.7444040	-104.3791727
- plan hits target center									
- Point									
NETHERLIN 102H KC	0.00	360.00	1,528.73	-8.46	434.93	634,540.49	527,678.77	32.7443812	-104.3777581
- plan hits target center									
- Point									
NETHERLIN 102H ML	0.00	0.00	1,938.33	-14.96	598.62	634,533.98	527,842.46	32.7443635	-104.3772257
- plan hits target center									
- Point									
NETHERLIN 102H LT	0.00	360.00	2,505.00	-32.96	-4,959.89	634,515.98	522,283.95	32.7443064	-104.3953046
- plan hits target center									
- Point									
NETHERLIN 102H LF	0.00	360.00	2,564.84	-20.99	-62.27	634,527.95	527,181.57	32.7443462	-104.3793752
- plan hits target center									
- Point									
NETHERLIN 102H FT	0.00	360.00	2,567.00	-20.87	136.35	634,528.07	527,380.19	32.7443468	-104.3787292
- plan misses target center by 39.43usft at 2908.63usft MD (2530.31 TVD, -20.54 N, 121.92 E)									
- Point									

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 311343

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 311343
	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 during cementing operations, then a CBL is required.	3/21/2024