

Well Name: JULIET FEDERAL COM	Well Location: T24S / R34E / SEC 27 / SENW /	County or Parish/State:
Well Number: 113H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77090	Unit or CA Name:	Unit or CA Number:
US Well Number:	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2670064

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 05/09/2022	Time Sundry Submitted: 08:41
Date proposed operation will begin: 11/01/2023	

Procedure Description: Centennial Resource Production, LLC requests to move the original SHL 220' to the South. The new SHL will be 2109 FNL & 2111 FWL. Please see attached updated directional plans and well plat to reflect these changes.

NOI Attachments

Procedure Description

- JULIET_FEDERAL_COM_113H_Updated_Plat_SBMT_20220509084049.pdf
- Juliet_Federal_Com_113H__Plan_1_03_30_22_20220504115539.pdf

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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MEGHAN TWELE	Signed on: MAY 09, 2022 08:41 AM
Name: CENTENNIAL RESOURCE PRODUCTION LLC	
Title: Sr Regulatory Analyst	
Street Address: 1001 17TH STREET SUITE 1800	
City: DENVER	State: CO
Phone: (720) 499-1531	
Email address: MEGHAN.TWELE@CDEVINC.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CODY LAYTON	BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959	BLM POC Email Address: clayton@blm.gov
Disposition: Approved	Disposition Date: 06/16/2022
Signature: Cody R. Layton	

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

RED HILLS; BONE
SPRING, NORTH

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96434	³ Pool Name Ojo Chiso, Bone Spring
⁴ Property Code	⁵ Property Name JULIET FEDERAL COM	⁶ Well Number 113H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3463.6'

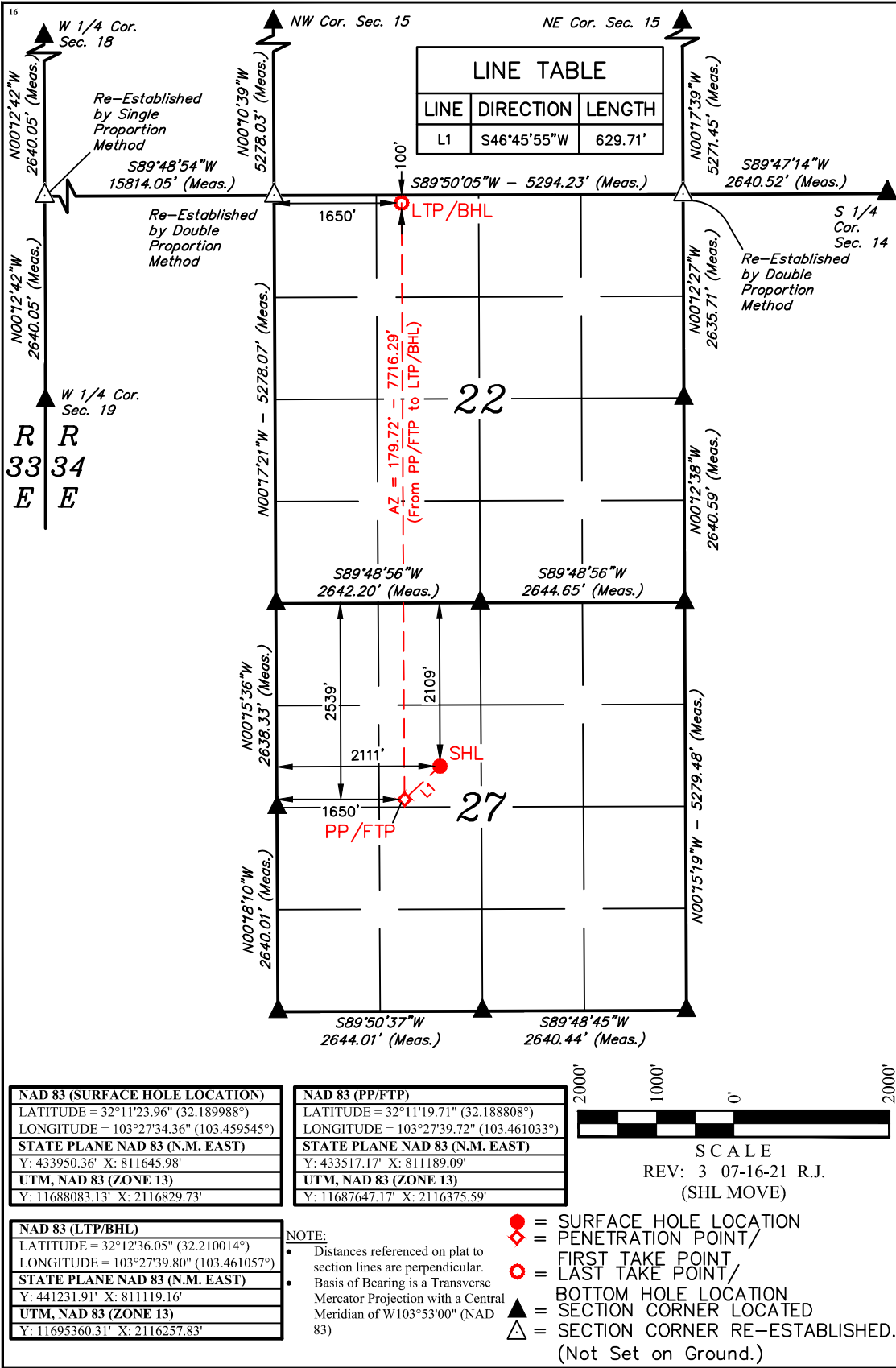
¹⁰ Surface Location

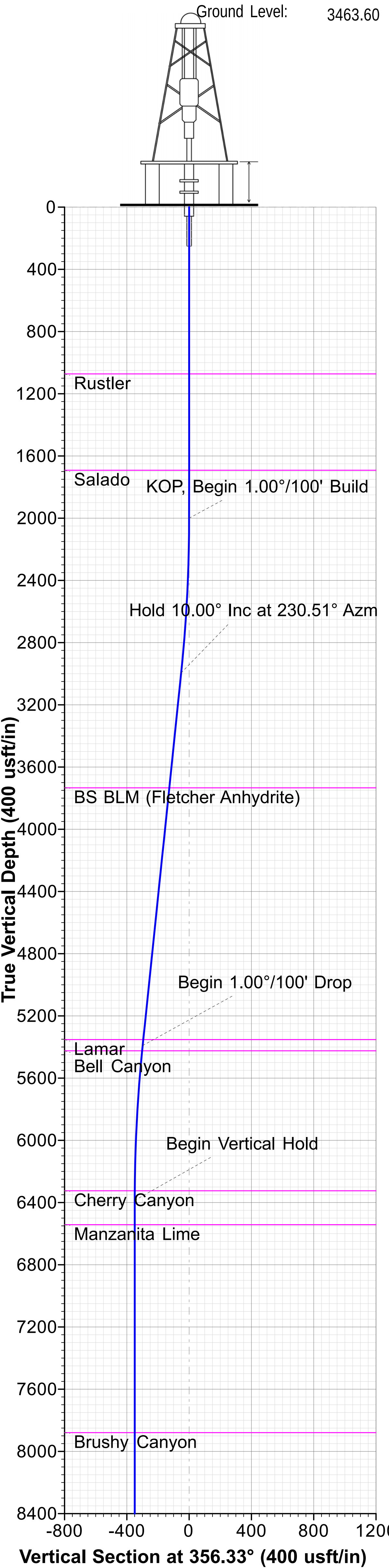
UL or lot no. F	Section 27	Township 24S	Range 34E	Lot Idn	Feet from the 2109	North/South line NORTH	Feet from the 2111	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. C	Section 22	Township 24S	Range 34E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 1650	East/West line WEST	County LEA
¹² Dedicated Acres 240	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.



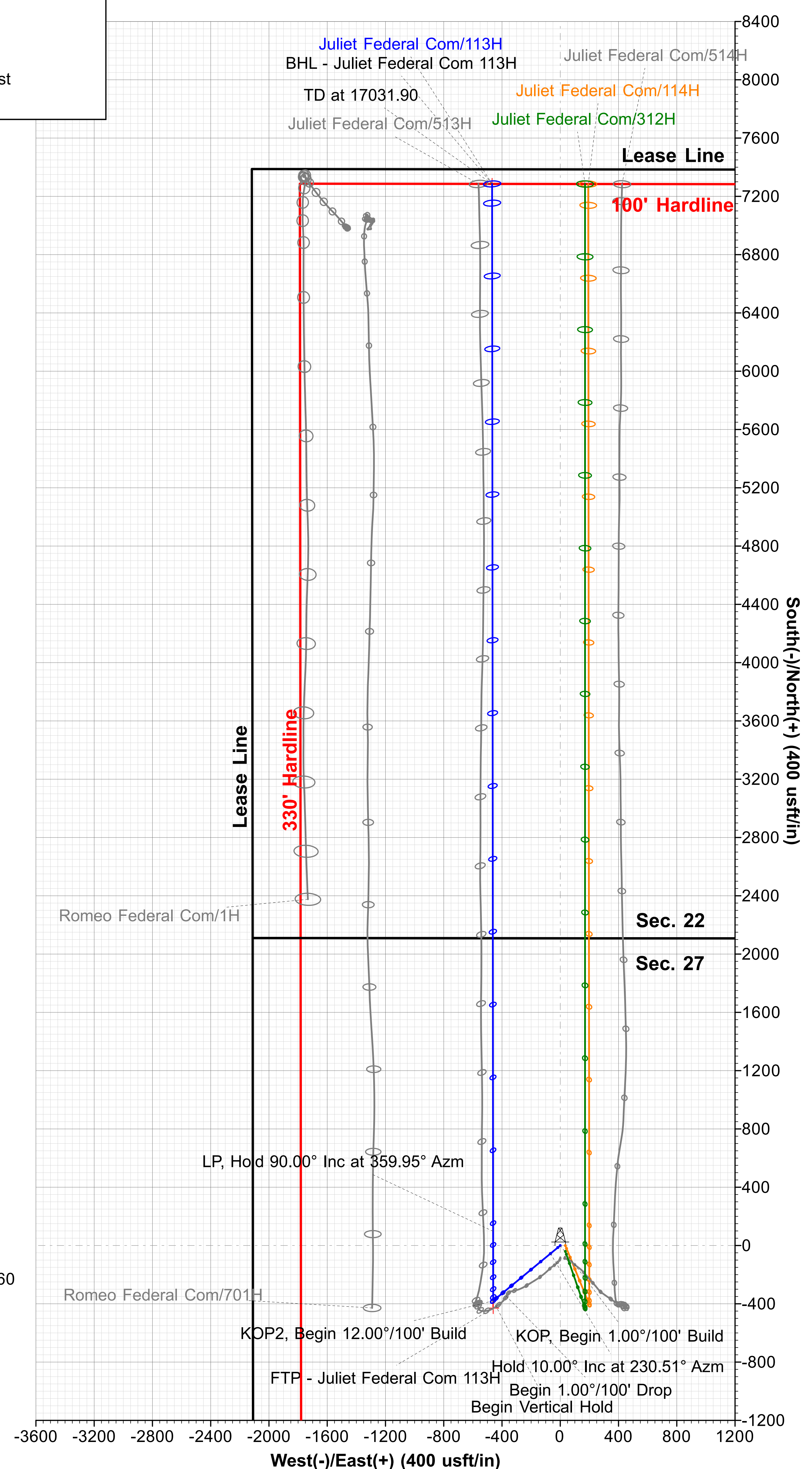
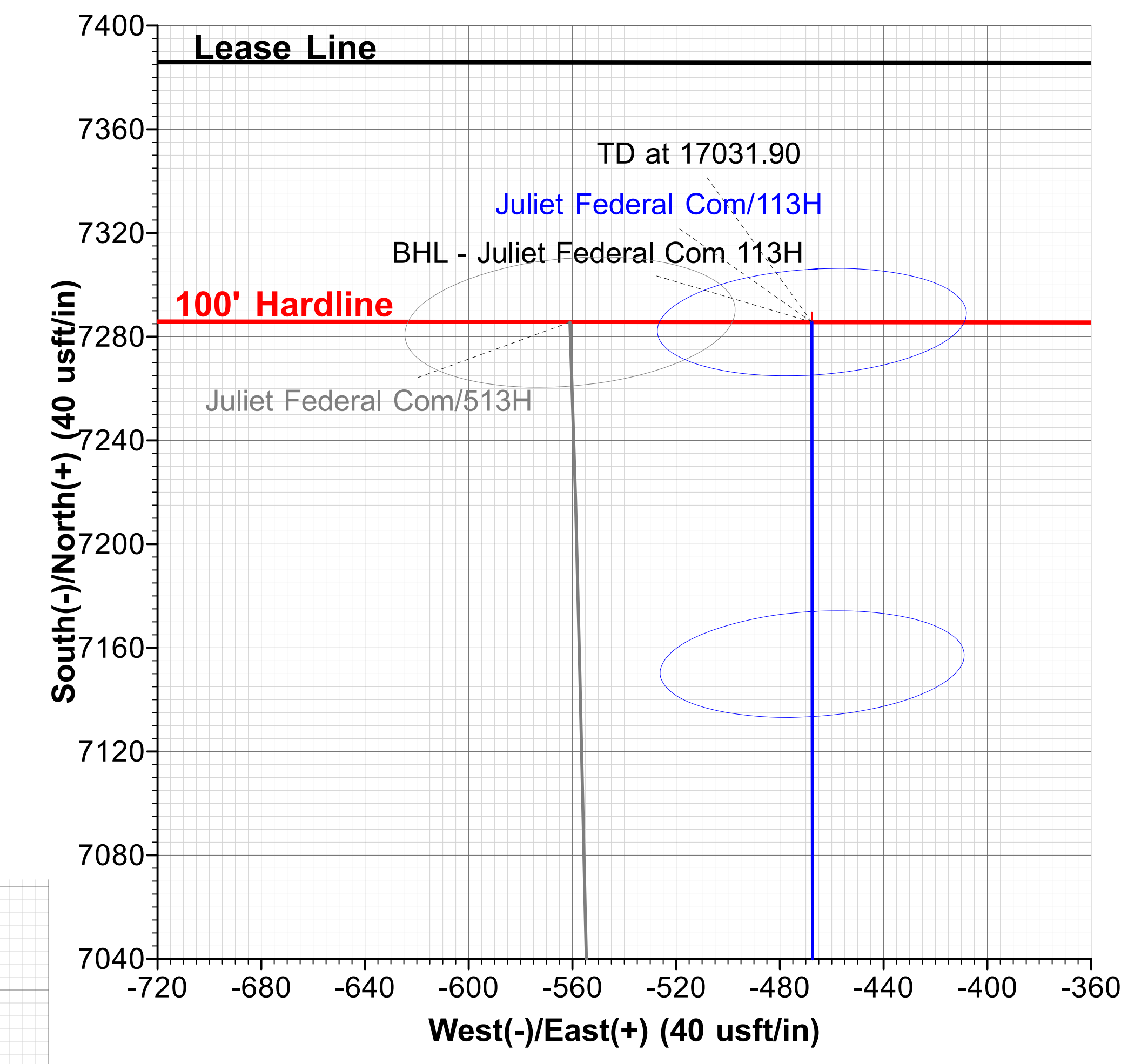
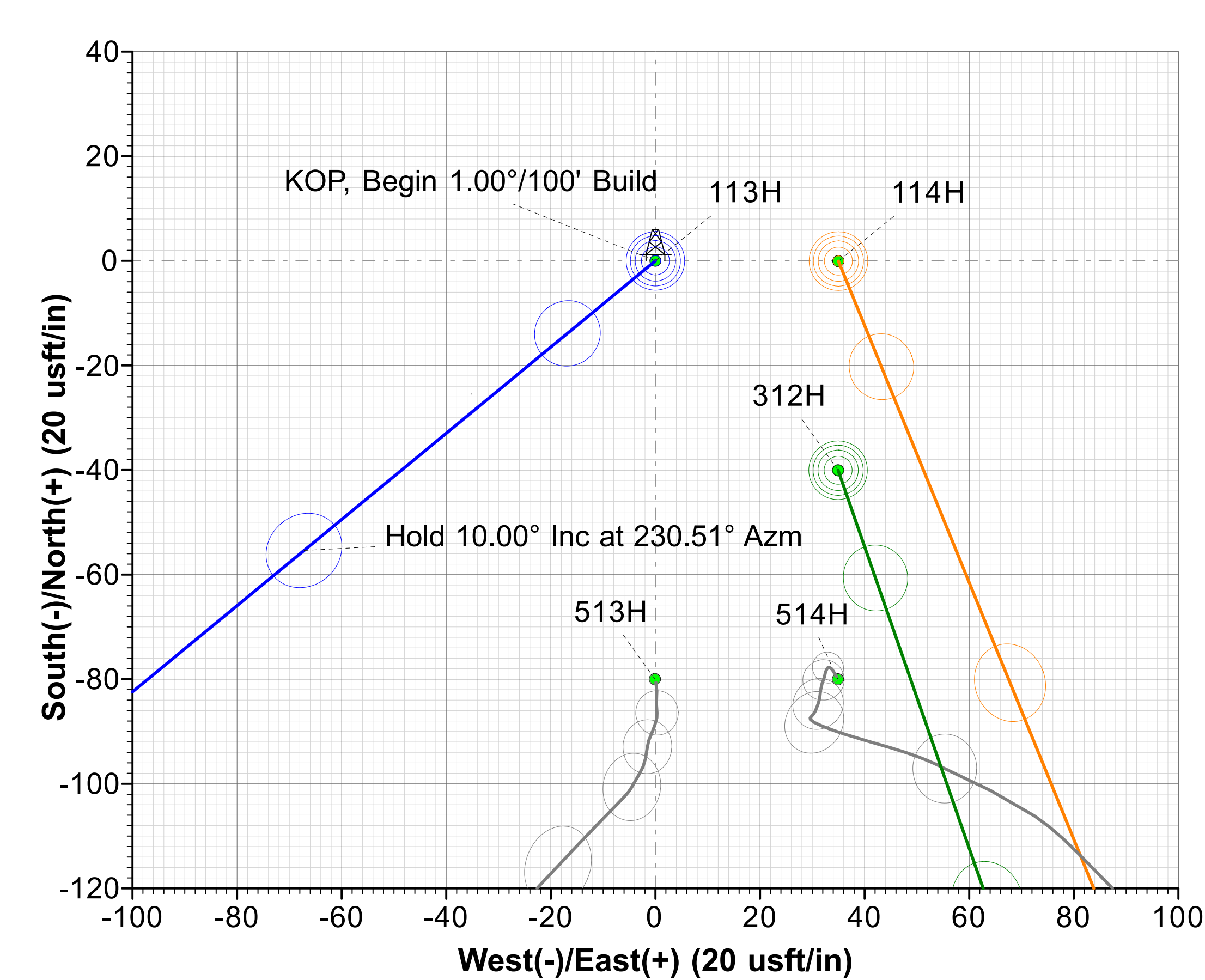
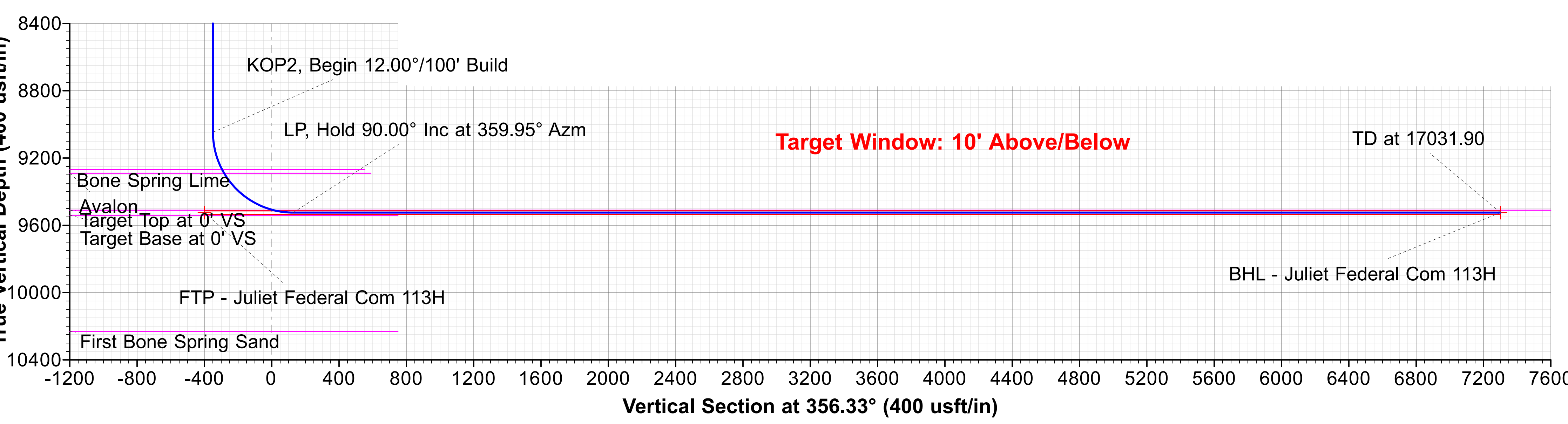
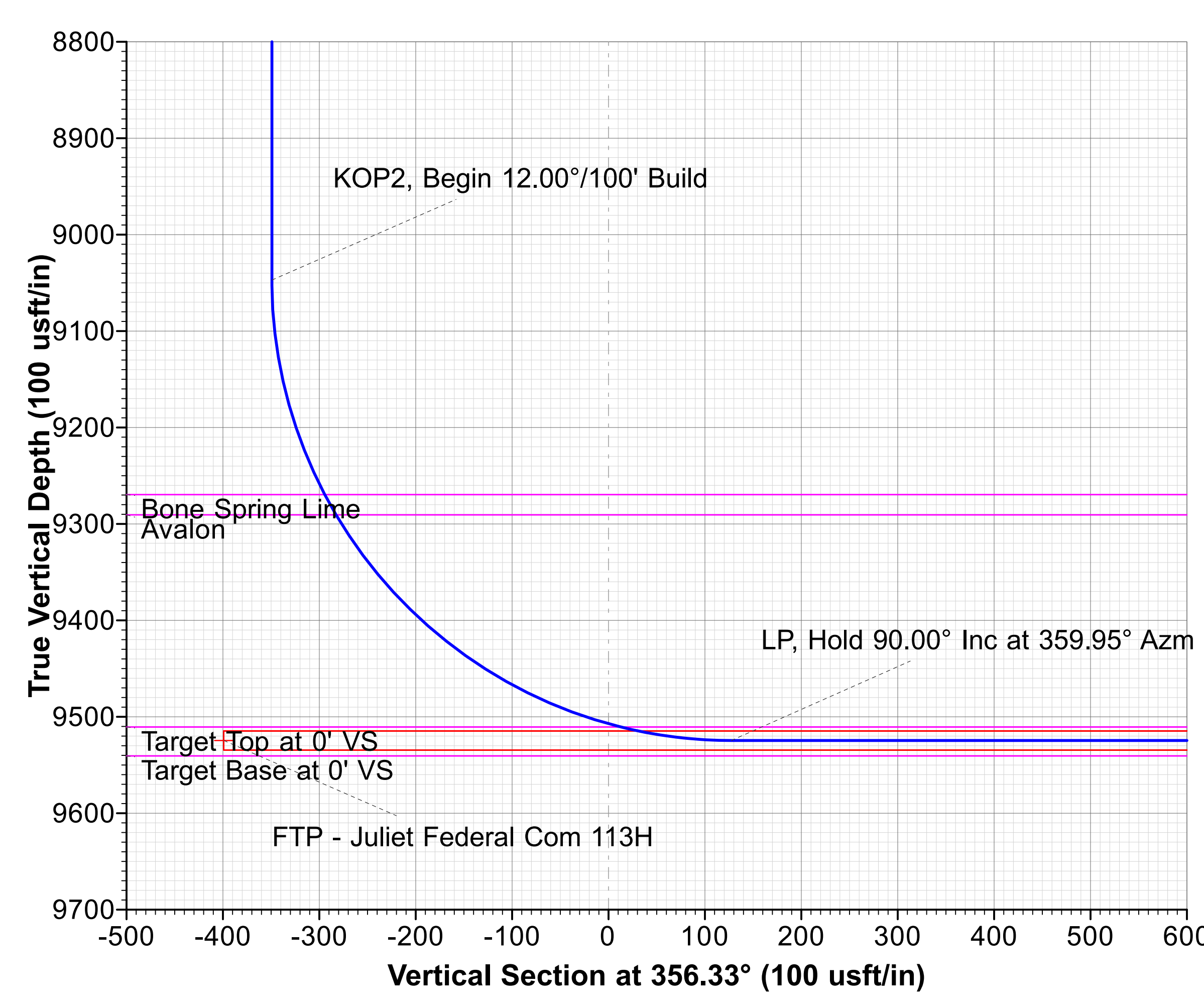


WELL DETAILS											
+N/-S		+E/-W		Northing	Ground Level: 3463.60		Easting		Latitude		Longitude
0.00		0.00		11688083.13	2116829.73		32° 11' 23.958079 N		103° 27' 34.362250 W		

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00		
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.000	0.00		KOP, Begin 1.00°/100' Build
3	3000.16	10.00	230.51	2995.09	-55.38	-67.20	1.00	230.507	-50.96		Hold 10.00° Inc at 230.51° Azm
4	5432.95	10.00	230.51	5390.91	-324.09	-393.26	1.00	180.000	-298.23		Begin 1.00°/100' Drop
5	6433.12	0.00	0.00	6386.00	-379.47	-460.45	1.00	180.000	-349.19		Begin Vertical Hold
6	9094.25	0.00	0.00	9047.14	-379.47	-460.45	1.00	0.000	-349.19		KOP2, Begin 12.00°/100' Build
7	9844.25	90.00	359.95	9524.60	98.00	-460.90	12.00	359.946	127.32		LP, Hold 90.00° Inc at 359.95° Azm
8	17031.90	90.00	359.95	9524.60	7285.65	-467.65	0.00	0.000	7300.64	BHL - Juliet Federal Com 113H	TD at 17031.90

DESIGN TARGET DETAILS											
Name		TVD		+N/-S	+E/-W	Northing	Easting	Latitude		Longitude	
BHL - Juliet Federal Com 113H		9524.60		7285.65	-467.65	11695360.31	2116257.83	32° 12' 36.051029 N		103° 27' 39.804981 W	
FTP - Juliet Federal Com 113H		9524.60		-429.47	-460.40	11687647.17	2116375.59	32° 11' 19.708347 N		103° 27' 39.719592 W	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1072.60	1072.60	Rustler
1691.60	1691.60	Salado
3733.60	3750.07	BS BLM (Fletcher Anhydrite)
5352.60	5394.05	Lamar
5424.60	5467.15	Bell Canyon
6324.60	6371.71	Cherry Canyon
6542.60	6589.72	Manzanita Lime
7879.60	7926.72	Brushy Canyon
9269.60	9325.67	Bone Spring Lime
9290.60	9349.73	Avalon
9510.60	9728.34	Target Top at 0' VS





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Juliet Federal Com
113H**

OH

Plan: Plan 1 03-30-22

Standard Planning Report

30 March, 2022





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 113H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.60usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.60usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	113H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

Project	Lea County, NM (NAD83 - UTM Zone 13)		
Map System:	Universal Transverse Mercator (US Survey Fee	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		Using geodetic scale factor

Site		Juliet Federal Com			
Site Position:		Northing:	11,688,003.16 usft	Latitude:	32° 11' 23.166580 N
From:	Map	Easting:	2,116,830.78 usft	Longitude:	103° 27' 34.363364 W
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	

Well	113H					
Well Position	+N/-S	79.99 usft	Northing:	11,688,083.13 usft	Latitude:	32° 11' 23.958079 N
	+E/-W	0.10 usft	Easting:	2,116,829.73 usft	Longitude:	103° 27' 34.362250 W
Position Uncertainty		1.00 usft	Wellhead Elevation:		Ground Level:	3,463.60 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	5/30/2022	6.310	59.742	47,507.35184992

Design	Plan 1 03-30-22			
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	356.33

Plan Survey Tool Program	Date	3/30/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,031.90	Plan 1 03-30-22 (OH)	MWD+IFR1+MS
				OWSG MWD + IFR1 + Mult

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	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,000.16	10.00	230.51	2,995.09	-55.38	-67.20	1.00	1.00	0.00	230.507	
5,432.95	10.00	230.51	5,390.91	-324.09	-393.26	0.00	0.00	0.00	0.000	
6,433.12	0.00	0.00	6,386.00	-379.47	-460.45	1.00	-1.00	0.00	180.000	
9,094.25	0.00	0.00	9,047.14	-379.47	-460.45	0.00	0.00	0.00	0.000	
9,844.25	90.00	359.95	9,524.60	98.00	-460.90	12.00	12.00	0.00	359.946	
17,031.90	90.00	359.95	9,524.60	7,285.65	-467.65	0.00	0.00	0.00	0.000	BHL - Juliet Federa



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 113H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.60usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.60usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	113H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

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
1,072.60	0.00	0.00	1,072.60	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,691.60	0.00	0.00	1,691.60	0.00	0.00	0.00	0.00	0.00	0.00
Salado									
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 1.00°/100' Build									
2,100.00	1.00	230.51	2,099.99	-0.55	-0.67	-0.51	1.00	1.00	0.00
2,200.00	2.00	230.51	2,199.96	-2.22	-2.69	-2.04	1.00	1.00	0.00
2,300.00	3.00	230.51	2,299.86	-4.99	-6.06	-4.60	1.00	1.00	0.00
2,400.00	4.00	230.51	2,399.68	-8.88	-10.77	-8.17	1.00	1.00	0.00
2,500.00	5.00	230.51	2,499.37	-13.87	-16.83	-12.76	1.00	1.00	0.00
2,600.00	6.00	230.51	2,598.90	-19.96	-24.22	-18.37	1.00	1.00	0.00
2,700.00	7.00	230.51	2,698.26	-27.16	-32.96	-24.99	1.00	1.00	0.00
2,800.00	8.00	230.51	2,797.40	-35.46	-43.03	-32.63	1.00	1.00	0.00
2,900.00	9.00	230.51	2,896.30	-44.86	-54.44	-41.28	1.00	1.00	0.00
3,000.00	10.00	230.51	2,994.93	-55.36	-67.17	-50.94	1.00	1.00	0.00
3,000.16	10.00	230.51	2,995.09	-55.38	-67.20	-50.96	1.00	1.00	0.00
Hold 10.00° Inc at 230.51° Azm									
3,100.00	10.00	230.51	3,093.41	-66.40	-80.58	-61.11	0.00	0.00	0.00
3,200.00	10.00	230.51	3,191.89	-77.45	-93.98	-71.27	0.00	0.00	0.00
3,300.00	10.00	230.51	3,290.37	-88.50	-107.38	-81.43	0.00	0.00	0.00
3,400.00	10.00	230.51	3,388.85	-99.54	-120.78	-91.60	0.00	0.00	0.00
3,500.00	10.00	230.51	3,487.33	-110.59	-134.19	-101.76	0.00	0.00	0.00
3,600.00	10.00	230.51	3,585.81	-121.63	-147.59	-111.93	0.00	0.00	0.00
3,700.00	10.00	230.51	3,684.29	-132.68	-160.99	-122.09	0.00	0.00	0.00
3,750.07	10.00	230.51	3,733.60	-138.21	-167.70	-127.18	0.00	0.00	0.00
BS BLM (Fletcher Anhydrite)									
3,800.00	10.00	230.51	3,782.77	-143.72	-174.40	-132.26	0.00	0.00	0.00
3,900.00	10.00	230.51	3,881.25	-154.77	-187.80	-142.42	0.00	0.00	0.00
4,000.00	10.00	230.51	3,979.73	-165.81	-201.20	-152.58	0.00	0.00	0.00
4,100.00	10.00	230.51	4,078.21	-176.86	-214.60	-162.75	0.00	0.00	0.00
4,200.00	10.00	230.51	4,176.69	-187.90	-228.01	-172.91	0.00	0.00	0.00
4,300.00	10.00	230.51	4,275.17	-198.95	-241.41	-183.08	0.00	0.00	0.00
4,400.00	10.00	230.51	4,373.65	-209.99	-254.81	-193.24	0.00	0.00	0.00
4,500.00	10.00	230.51	4,472.14	-221.04	-268.21	-203.41	0.00	0.00	0.00
4,600.00	10.00	230.51	4,570.62	-232.09	-281.62	-213.57	0.00	0.00	0.00
4,700.00	10.00	230.51	4,669.10	-243.13	-295.02	-223.73	0.00	0.00	0.00
4,800.00	10.00	230.51	4,767.58	-254.18	-308.42	-233.90	0.00	0.00	0.00
4,900.00	10.00	230.51	4,866.06	-265.22	-321.83	-244.06	0.00	0.00	0.00
5,000.00	10.00	230.51	4,964.54	-276.27	-335.23	-254.23	0.00	0.00	0.00
5,100.00	10.00	230.51	5,063.02	-287.31	-348.63	-264.39	0.00	0.00	0.00
5,200.00	10.00	230.51	5,161.50	-298.36	-362.03	-274.55	0.00	0.00	0.00
5,300.00	10.00	230.51	5,259.98	-309.40	-375.44	-284.72	0.00	0.00	0.00
5,394.05	10.00	230.51	5,352.60	-319.79	-388.04	-294.28	0.00	0.00	0.00
Lamar									
5,400.00	10.00	230.51	5,358.46	-320.45	-388.84	-294.88	0.00	0.00	0.00
5,432.95	10.00	230.51	5,390.91	-324.09	-393.26	-298.23	0.00	0.00	0.00
Begin 1.00°/100' Drop									
5,467.15	9.66	230.51	5,424.60	-327.80	-397.76	-301.65	1.00	-1.00	0.00
Bell Canyon									
5,500.00	9.33	230.51	5,457.00	-331.25	-401.94	-304.82	1.00	-1.00	0.00
5,600.00	8.33	230.51	5,555.82	-341.01	-413.79	-313.81	1.00	-1.00	0.00



Planning Report



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Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.60usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	113H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

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)
5,700.00	7.33	230.51	5,654.88	-349.68	-424.31	-321.78	1.00	-1.00	0.00
5,800.00	6.33	230.51	5,754.17	-357.24	-433.48	-328.74	1.00	-1.00	0.00
5,900.00	5.33	230.51	5,853.65	-363.70	-441.32	-334.69	1.00	-1.00	0.00
6,000.00	4.33	230.51	5,953.30	-369.06	-447.82	-339.62	1.00	-1.00	0.00
6,100.00	3.33	230.51	6,053.07	-373.31	-452.98	-343.53	1.00	-1.00	0.00
6,200.00	2.33	230.51	6,152.95	-376.45	-456.79	-346.42	1.00	-1.00	0.00
6,300.00	1.33	230.51	6,252.90	-378.48	-459.26	-348.29	1.00	-1.00	0.00
6,371.71	0.61	230.51	6,324.60	-379.26	-460.20	-349.00	1.00	-1.00	0.00
Cherry Canyon									
6,400.00	0.33	230.51	6,352.89	-379.40	-460.38	-349.14	1.00	-1.00	0.00
6,433.12	0.00	0.00	6,386.00	-379.47	-460.45	-349.19	1.00	-1.00	0.00
Begin Vertical Hold									
6,589.72	0.00	0.00	6,542.60	-379.47	-460.45	-349.19	0.00	0.00	0.00
Manzanita Lime									
7,926.72	0.00	0.00	7,879.60	-379.47	-460.45	-349.19	0.00	0.00	0.00
Brushy Canyon									
9,094.25	0.00	0.00	9,047.14	-379.47	-460.45	-349.19	0.00	0.00	0.00
KOP2, Begin 12.00°/100' Build									
9,100.00	0.69	359.95	9,052.89	-379.43	-460.45	-349.16	12.00	12.00	0.00
9,200.00	12.69	359.95	9,152.02	-367.80	-460.46	-337.55	12.00	12.00	0.00
9,300.00	24.69	359.95	9,246.58	-335.82	-460.49	-305.63	12.00	12.00	0.00
9,325.67	27.77	359.95	9,269.60	-324.47	-460.50	-294.31	12.00	12.00	0.00
Bone Spring Lime									
9,349.73	30.66	359.95	9,290.60	-312.73	-460.51	-282.59	12.00	12.00	0.00
Avalon									
9,400.00	36.69	359.95	9,332.41	-284.87	-460.54	-254.78	12.00	12.00	0.00
9,500.00	48.69	359.95	9,405.78	-217.19	-460.60	-187.24	12.00	12.00	0.00
9,600.00	60.69	359.95	9,463.48	-135.74	-460.68	-105.95	12.00	12.00	0.00
9,700.00	72.69	359.95	9,502.98	-44.07	-460.77	-14.46	12.00	12.00	0.00
9,728.34	76.09	359.95	9,510.60	-16.77	-460.79	12.78	12.00	12.00	0.00
Target Top at 0' VS									
9,800.00	84.69	359.95	9,522.55	53.81	-460.86	83.22	12.00	12.00	0.00
9,844.25	90.00	359.95	9,524.60	98.00	-460.90	127.32	12.00	12.00	0.00
LP, Hold 90.00° Inc at 359.95° Azm									
9,900.00	90.00	359.95	9,524.60	153.75	-460.95	182.96	0.00	0.00	0.00
10,000.00	90.00	359.95	9,524.60	253.75	-461.05	282.76	0.00	0.00	0.00
10,100.00	90.00	359.95	9,524.60	353.75	-461.14	382.56	0.00	0.00	0.00
10,200.00	90.00	359.95	9,524.60	453.75	-461.23	482.36	0.00	0.00	0.00
10,300.00	90.00	359.95	9,524.60	553.75	-461.33	582.16	0.00	0.00	0.00
10,400.00	90.00	359.95	9,524.60	653.75	-461.42	681.96	0.00	0.00	0.00
10,500.00	90.00	359.95	9,524.60	753.75	-461.52	781.76	0.00	0.00	0.00
10,600.00	90.00	359.95	9,524.60	853.75	-461.61	881.56	0.00	0.00	0.00
10,700.00	90.00	359.95	9,524.60	953.75	-461.70	981.36	0.00	0.00	0.00
10,800.00	90.00	359.95	9,524.60	1,053.75	-461.80	1,081.17	0.00	0.00	0.00
10,900.00	90.00	359.95	9,524.60	1,153.75	-461.89	1,180.97	0.00	0.00	0.00
11,000.00	90.00	359.95	9,524.60	1,253.75	-461.99	1,280.77	0.00	0.00	0.00
11,100.00	90.00	359.95	9,524.60	1,353.75	-462.08	1,380.57	0.00	0.00	0.00
11,200.00	90.00	359.95	9,524.60	1,453.75	-462.17	1,480.37	0.00	0.00	0.00
11,300.00	90.00	359.95	9,524.60	1,553.75	-462.27	1,580.17	0.00	0.00	0.00
11,400.00	90.00	359.95	9,524.60	1,653.75	-462.36	1,679.97	0.00	0.00	0.00
11,500.00	90.00	359.95	9,524.60	1,753.75	-462.45	1,779.77	0.00	0.00	0.00
11,600.00	90.00	359.95	9,524.60	1,853.75	-462.55	1,879.57	0.00	0.00	0.00
11,700.00	90.00	359.95	9,524.60	1,953.75	-462.64	1,979.37	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 113H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.60usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.60usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	113H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

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)
11,800.00	90.00	359.95	9,524.60	2,053.75	-462.74	2,079.17	0.00	0.00	0.00
11,900.00	90.00	359.95	9,524.60	2,153.75	-462.83	2,178.97	0.00	0.00	0.00
12,000.00	90.00	359.95	9,524.60	2,253.75	-462.92	2,278.77	0.00	0.00	0.00
12,100.00	90.00	359.95	9,524.60	2,353.75	-463.02	2,378.57	0.00	0.00	0.00
12,200.00	90.00	359.95	9,524.60	2,453.75	-463.11	2,478.37	0.00	0.00	0.00
12,300.00	90.00	359.95	9,524.60	2,553.75	-463.21	2,578.17	0.00	0.00	0.00
12,400.00	90.00	359.95	9,524.60	2,653.75	-463.30	2,677.98	0.00	0.00	0.00
12,500.00	90.00	359.95	9,524.60	2,753.75	-463.39	2,777.78	0.00	0.00	0.00
12,600.00	90.00	359.95	9,524.60	2,853.75	-463.49	2,877.58	0.00	0.00	0.00
12,700.00	90.00	359.95	9,524.60	2,953.75	-463.58	2,977.38	0.00	0.00	0.00
12,800.00	90.00	359.95	9,524.60	3,053.75	-463.68	3,077.18	0.00	0.00	0.00
12,900.00	90.00	359.95	9,524.60	3,153.75	-463.77	3,176.98	0.00	0.00	0.00
13,000.00	90.00	359.95	9,524.60	3,253.75	-463.86	3,276.78	0.00	0.00	0.00
13,100.00	90.00	359.95	9,524.60	3,353.75	-463.96	3,376.58	0.00	0.00	0.00
13,200.00	90.00	359.95	9,524.60	3,453.75	-464.05	3,476.38	0.00	0.00	0.00
13,300.00	90.00	359.95	9,524.60	3,553.75	-464.15	3,576.18	0.00	0.00	0.00
13,400.00	90.00	359.95	9,524.60	3,653.75	-464.24	3,675.98	0.00	0.00	0.00
13,500.00	90.00	359.95	9,524.60	3,753.75	-464.33	3,775.78	0.00	0.00	0.00
13,600.00	90.00	359.95	9,524.60	3,853.75	-464.43	3,875.58	0.00	0.00	0.00
13,700.00	90.00	359.95	9,524.60	3,953.75	-464.52	3,975.38	0.00	0.00	0.00
13,800.00	90.00	359.95	9,524.60	4,053.75	-464.62	4,075.18	0.00	0.00	0.00
13,900.00	90.00	359.95	9,524.60	4,153.75	-464.71	4,174.98	0.00	0.00	0.00
14,000.00	90.00	359.95	9,524.60	4,253.75	-464.80	4,274.78	0.00	0.00	0.00
14,100.00	90.00	359.95	9,524.60	4,353.75	-464.90	4,374.59	0.00	0.00	0.00
14,200.00	90.00	359.95	9,524.60	4,453.75	-464.99	4,474.39	0.00	0.00	0.00
14,300.00	90.00	359.95	9,524.60	4,553.75	-465.09	4,574.19	0.00	0.00	0.00
14,400.00	90.00	359.95	9,524.60	4,653.75	-465.18	4,673.99	0.00	0.00	0.00
14,500.00	90.00	359.95	9,524.60	4,753.75	-465.27	4,773.79	0.00	0.00	0.00
14,600.00	90.00	359.95	9,524.60	4,853.75	-465.37	4,873.59	0.00	0.00	0.00
14,700.00	90.00	359.95	9,524.60	4,953.75	-465.46	4,973.39	0.00	0.00	0.00
14,800.00	90.00	359.95	9,524.60	5,053.75	-465.56	5,073.19	0.00	0.00	0.00
14,900.00	90.00	359.95	9,524.60	5,153.75	-465.65	5,172.99	0.00	0.00	0.00
15,000.00	90.00	359.95	9,524.60	5,253.75	-465.74	5,272.79	0.00	0.00	0.00
15,100.00	90.00	359.95	9,524.60	5,353.75	-465.84	5,372.59	0.00	0.00	0.00
15,200.00	90.00	359.95	9,524.60	5,453.75	-465.93	5,472.39	0.00	0.00	0.00
15,300.00	90.00	359.95	9,524.60	5,553.75	-466.03	5,572.19	0.00	0.00	0.00
15,400.00	90.00	359.95	9,524.60	5,653.75	-466.12	5,671.99	0.00	0.00	0.00
15,500.00	90.00	359.95	9,524.60	5,753.75	-466.21	5,771.79	0.00	0.00	0.00
15,600.00	90.00	359.95	9,524.60	5,853.75	-466.31	5,871.59	0.00	0.00	0.00
15,700.00	90.00	359.95	9,524.60	5,953.75	-466.40	5,971.40	0.00	0.00	0.00
15,800.00	90.00	359.95	9,524.60	6,053.75	-466.50	6,071.20	0.00	0.00	0.00
15,900.00	90.00	359.95	9,524.60	6,153.75	-466.59	6,171.00	0.00	0.00	0.00
16,000.00	90.00	359.95	9,524.60	6,253.75	-466.68	6,270.80	0.00	0.00	0.00
16,100.00	90.00	359.95	9,524.60	6,353.75	-466.78	6,370.60	0.00	0.00	0.00
16,200.00	90.00	359.95	9,524.60	6,453.75	-466.87	6,470.40	0.00	0.00	0.00
16,300.00	90.00	359.95	9,524.60	6,553.75	-466.97	6,570.20	0.00	0.00	0.00
16,400.00	90.00	359.95	9,524.60	6,653.75	-467.06	6,670.00	0.00	0.00	0.00
16,500.00	90.00	359.95	9,524.60	6,753.75	-467.15	6,769.80	0.00	0.00	0.00
16,600.00	90.00	359.95	9,524.60	6,853.75	-467.25	6,869.60	0.00	0.00	0.00
16,700.00	90.00	359.95	9,524.60	6,953.75	-467.34	6,969.40	0.00	0.00	0.00
16,800.00	90.00	359.95	9,524.60	7,053.75	-467.44	7,069.20	0.00	0.00	0.00
16,900.00	90.00	359.95	9,524.60	7,153.75	-467.53	7,169.00	0.00	0.00	0.00
17,000.00	90.00	359.95	9,524.60	7,253.75	-467.62	7,268.80	0.00	0.00	0.00
17,031.90	90.00	359.95	9,524.60	7,285.65	-467.65	7,300.64	0.00	0.00	0.00



Planning Report



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Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.60usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.60usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	113H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

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)
TD at 17031.90									

Design Targets									
Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	
BHL - Juliet Federal C	- plan hits target center	0.00	359.95	9,524.60	7,285.65	-467.65	11,695,360.31	2,116,257.83	12° 12' 36.05 1029 N 3° 27' 39.804981 W
	- Rectangle (sides W0.00 H7,715.12 D20.00)								
FTP - Juliet Federal C	- plan misses target center by 234.03usft at 9443.30usft MD (9365.91 TVD, -257.46 N, -460.57 E)	0.00	0.00	9,524.60	-429.47	-460.40	11,687,647.17	2,116,375.59	12° 11' 19.708347 N 3° 27' 39.719592 W
	- Point								

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,072.60	1,072.60	Rustler				
1,691.60	1,691.60	Salado				
3,750.07	3,733.60	BS BLM (Fletcher Anhydrite)				
5,394.05	5,352.60	Lamar				
5,467.15	5,424.60	Bell Canyon				
6,371.71	6,324.60	Cherry Canyon				
6,589.72	6,542.60	Manzanita Lime				
7,926.72	7,879.60	Brushy Canyon				
9,325.67	9,269.60	Bone Spring Lime				
9,349.73	9,290.60	Avalon				
9,728.34	9,510.60	Target Top at 0' VS				

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,000.00	2,000.00	0.00	0.00	KOP, Begin 1.00°/100' Build
3,000.16	2,995.09	-55.38	-67.20	Hold 10.00° Inc at 230.51° Azm
5,432.95	5,390.91	-324.09	-393.26	Begin 1.00°/100' Drop
6,433.12	6,386.00	-379.47	-460.45	Begin Vertical Hold
9,094.25	9,047.14	-379.47	-460.45	KOP2, Begin 12.00°/100' Build
9,844.25	9,524.60	98.00	-460.90	LP, Hold 90.00° Inc at 359.95° Azm
17,031.90	9,524.60	7,285.65	-467.65	TD at 17031.90

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 120076

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 120076
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	7/28/2022