

Well Name: JULIET FEDERAL COM	Well Location: T24S / R34E / SEC 27 / SENW /	County or Parish/State:
Well Number: 114H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77090	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550270	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2683453

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 07/22/2022

Time Sundry Submitted: 09:37

Date proposed operation will begin: 01/01/2023

Procedure Description: Centennial Resource Production, LLC request to move the original BHL 220' to the West. The new BHL will be 100' FNL & 2090' FEL. Please see attached updated well plat and directional plans to reflect this change. Please note this well also had a SHL change that was approved in June, see attached approved sundry.

NOI Attachments

Procedure Description

Juliet_Federal_Com_114H_APVD_SHL_Change_Sundry_6.16.22_20220919121238.pdf

Juliet_Federal_Com_114H_Sundry_Attachments_20220722093726.pdf

Well Name: JULIET FEDERAL COM

Well Location: T24S / R34E / SEC 27 / SENW /

County or Parish/State:

Well Number: 114H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM77090

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002550270

Well Status: Approved Application for Permit to Drill

Operator: CENTENNIAL RESOURCE PRODUCTION LLC

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: SEP 19, 2022 12:12 PM

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: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

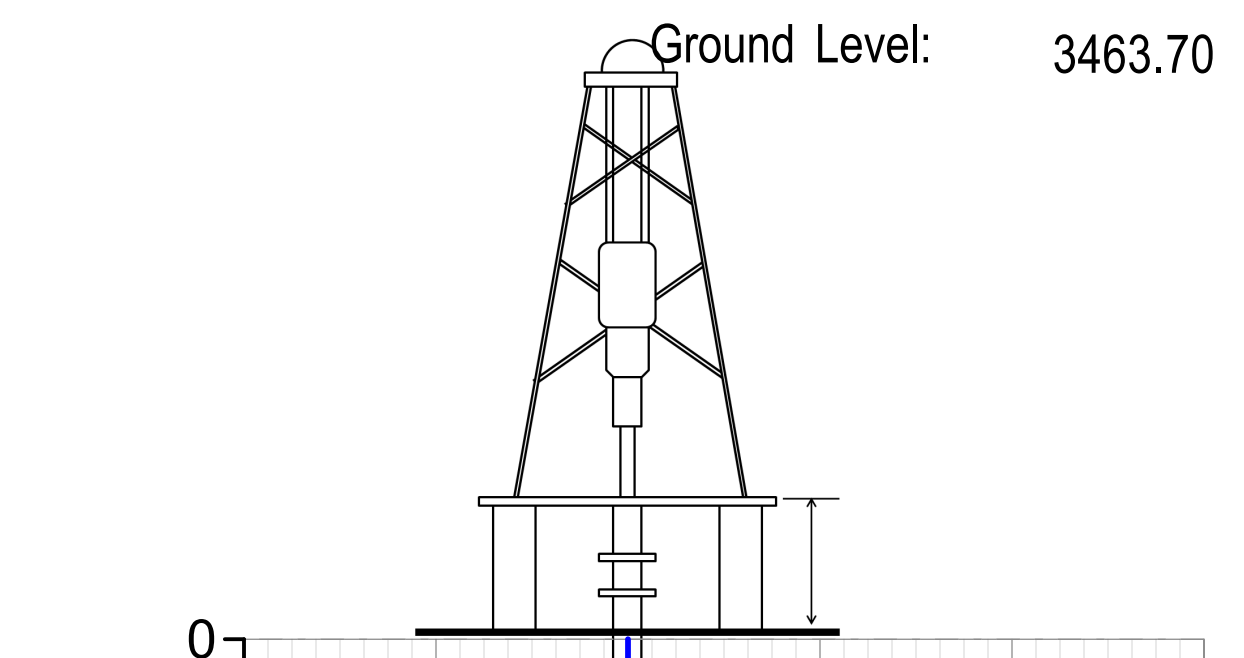
BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 12/02/2022

Signature: Chris Walls



WELL DETAILS									
+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude			
0.00	0.00	11688083.59	2116864.72	3463.70	32° 11' 23.957670 N	103° 27' 33.955001 W			

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP, Begin 1.00°/100' Build
3	3000.00	10.00	187.35	2994.93	-86.33	-11.14	1.00	187.353	-86.23		Hold 10.00° Inc at 187.35° Azm
4	4493.44	10.00	187.35	4465.69	-343.53	-44.33	0.00	0.000	-343.14		Begin 1.00°/100' Drop
5	5493.44	0.00	0.00	5460.62	-429.86	-55.47	1.00	180.000	-429.37		Begin Vertical Hold
6	9084.37	0.00	0.00	9051.54	-429.86	-55.47	0.00	0.000	-429.37		KOP2, Begin 12.00°/100' Build
7	9834.37	90.00	359.95	9529.00	47.61	-55.92	12.00	359.946	48.08		LP, Hold 90.00° Inc at 359.95° Azm
8	17071.99	90.00	359.95	9529.00	7285.23	-62.70	0.00	0.000	7285.50	BHLv2 - Juliet Federal Com 114H	TD at 17071.99

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL - 114H - 2109' FNL / 2146' FWL	0.00	0.00	0.00	11688083.59	2116864.72	32° 11' 23.957670 N	103° 27' 33.955001 W
BHL - 114H - 100' FNL / 2090' FWL	9529.00	7285.23	-62.70	11695366.15	2116697.67	32° 12' 36.046462 N	103° 27' 34.684559 W
BHLv2 - Juliet Federal Com 114H	9529.00	7285.23	-62.70	11695366.15	2116697.67	32° 12' 36.046462 N	103° 27' 34.684559 W
FTP - 114H - 2539' FNL / 2090' FWL	9529.00	-429.86	-55.47	11687653.04	2116815.42	32° 11' 19.704113 N	103° 27' 34.600470 W
FTPv2 - Juliet Federal Com 114H	9529.00	-429.86	-55.47	11687653.04	2116815.42	32° 11' 19.704113 N	103° 27' 34.600470 W

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1077.70	1077.70	Rustler
1696.70	1696.70	Salado
3738.70	3755.24	BS BLM (Fletcher Anhydrite)
5357.70	5390.52	Lamar
5429.70	5462.53	Bell Canyon
6329.70	6362.53	Cherry Canyon
6547.70	6580.53	Manzanita Lime
7884.70	7917.53	Brushy Canyon
9274.70	9316.57	Bone Spring Lime
9295.70	9340.66	Avalon
9515.70	9721.39	Target Top at 0' VS

Map System: Universal Transverse Mercator (US Survey Feet)
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone Name: Zone 13N (108 W to 102 W)

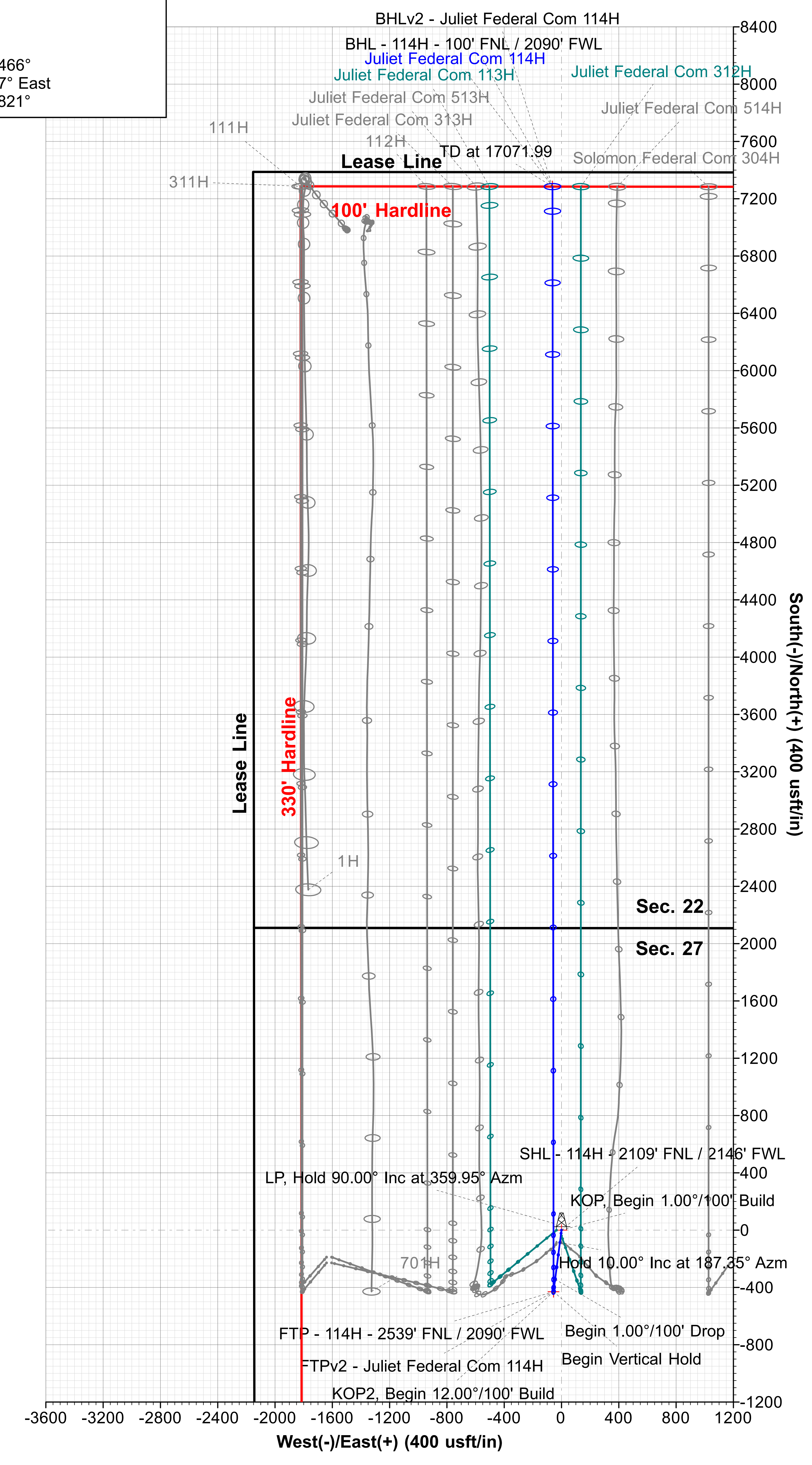
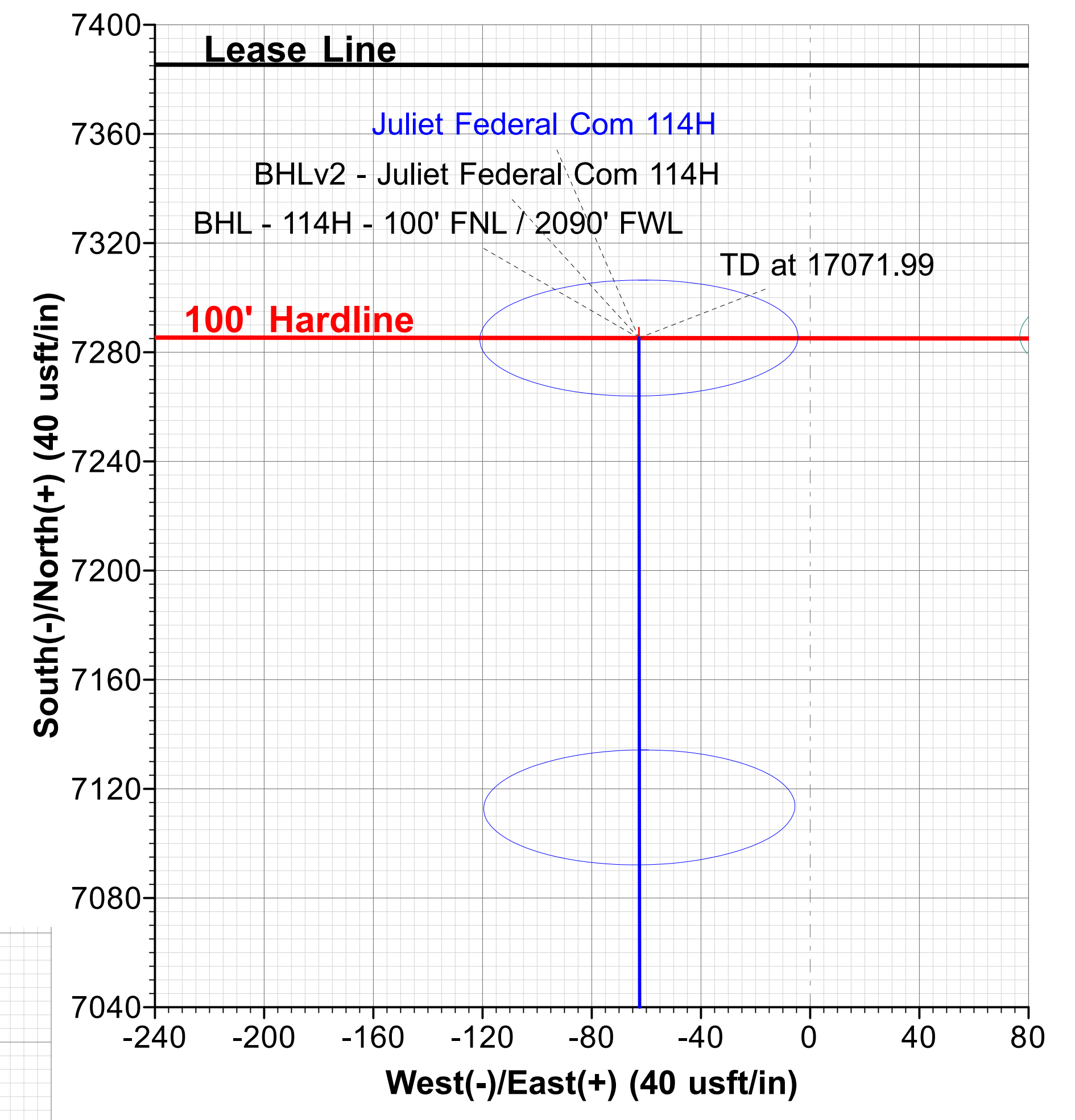
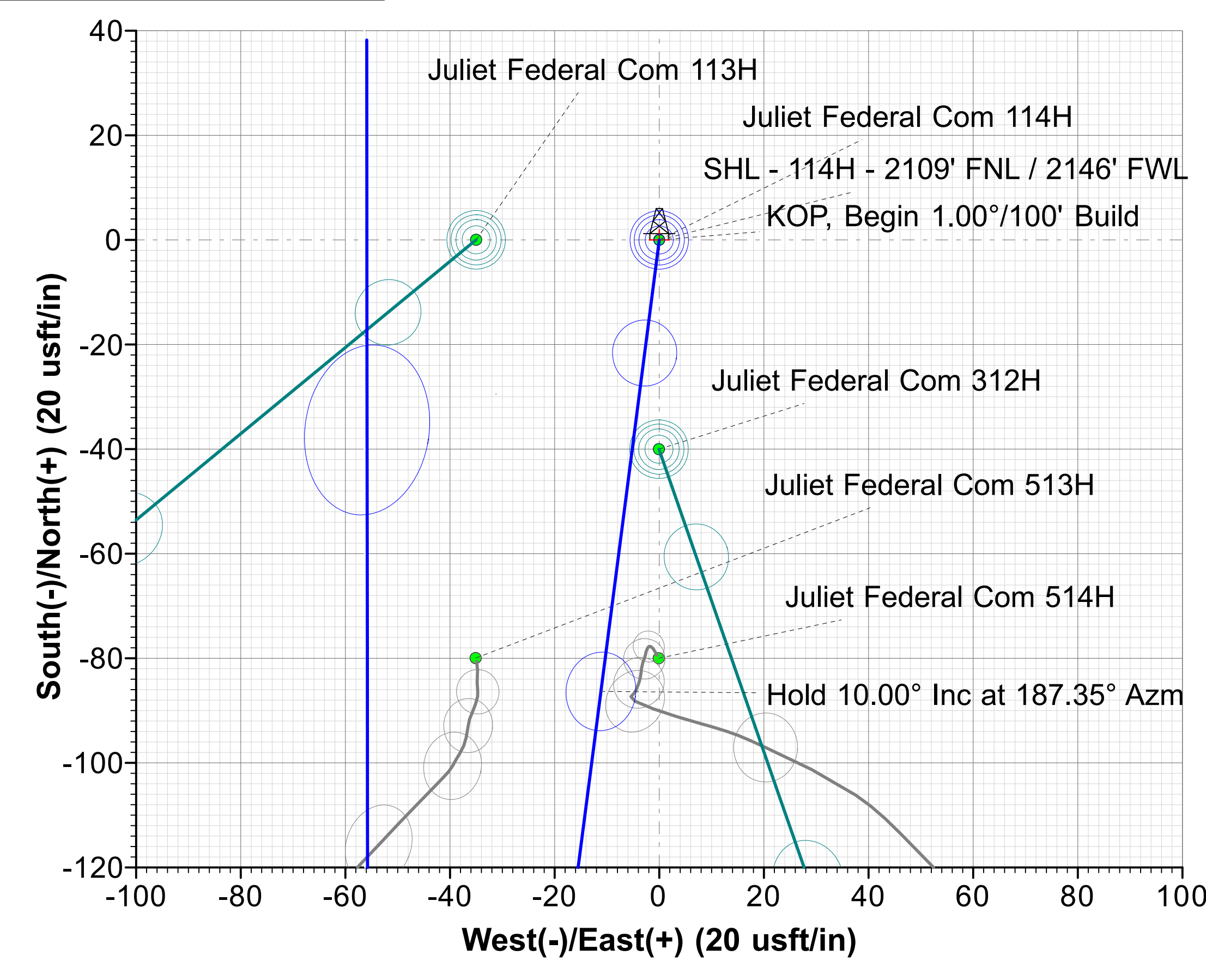
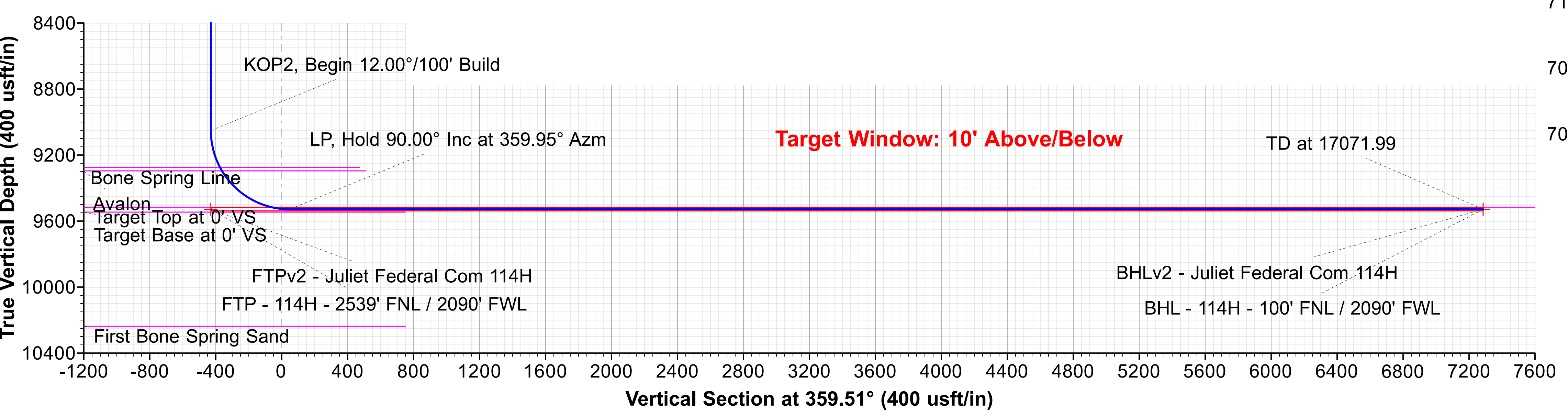
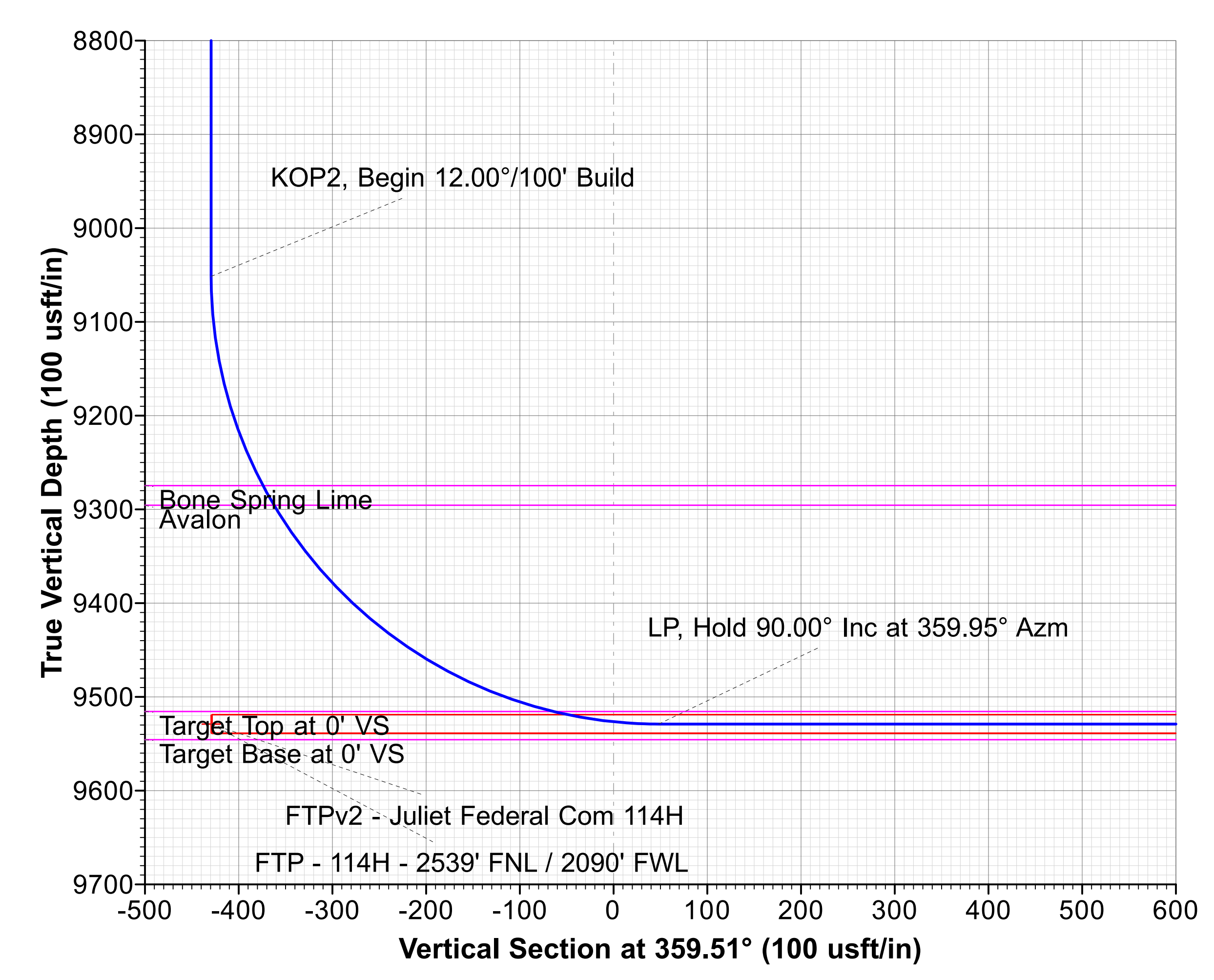
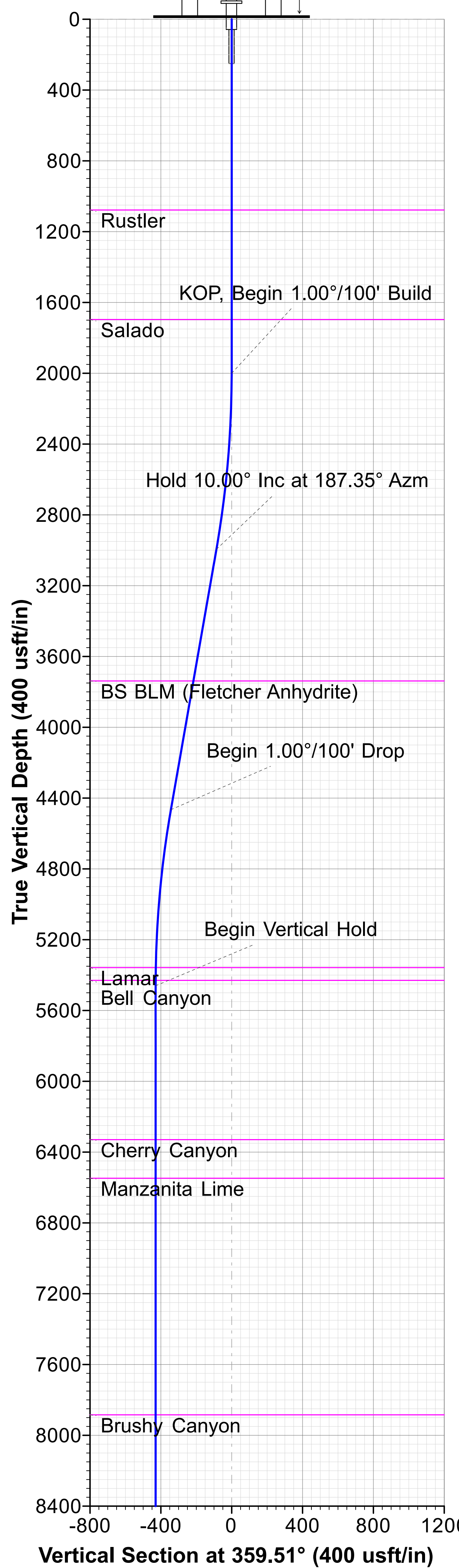
Local Origin: Well Juliet Federal Com 114H, True North

Latitude: 32° 11' 23.957670 N
 Longitude: 103° 27' 33.955001 W

Grid East: 2116864.72
 Grid North: 11688083.59
 Scale Factor: 1.000

Geomagnetic Model: MVHD
 Sample Date: 01-Sep-22
 Magnetic Declination: 6.287°
 Dip Angle from Horizontal: 59.735°
 Magnetic Field Strength: 47481.85655608nT

To convert a Magnetic Direction to a Grid Direction, Add 5.466°
 To convert a Magnetic Direction to a True Direction, Add 6.287° East
 To convert a True Direction to a Grid Direction, Subtract 0.821°





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Juliet Federal Com
Juliet Federal Com 114H**

OH

Plan: Plan 2 07-01-22

Standard Planning Report

01 July, 2022





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Juliet Federal Com 114H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.70usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

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	Juliet Federal Com 114H					
Well Position	+N/-S	79.95 usft	Northing:	11,688,083.59 usft	Latitude:	32° 11' 23.957670 N
	+E/-W	35.09 usft	Easting:	2,116,864.72 usft	Longitude:	103° 27' 33.955001 W
Position Uncertainty	1.00 usft		Wellhead Elevation:		Ground Level:	3,463.70 usft

Wellbore	OH				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	9/1/2022	6.287	59.735	47,481.85655608

Design	Plan 2 07-01-22			
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	359.51

Plan Survey Tool Program	Date	7/1/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	17,071.99 Plan 2 07-01-22 (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	0.00	0.000
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
3,000.00	10.00	187.35	2,994.93	-86.33	-11.14	1.00	1.00	0.00	187.353	0.000
4,493.44	10.00	187.35	4,465.69	-343.53	-44.33	0.00	0.00	0.00	0.000	0.000
5,493.44	0.00	0.00	5,460.62	-429.86	-55.47	1.00	-1.00	0.00	180.000	0.000
9,084.37	0.00	0.00	9,051.54	-429.86	-55.47	0.00	0.00	0.00	0.000	0.000
9,834.37	90.00	359.95	9,529.01	47.61	-55.92	12.00	12.00	-0.01	359.946	0.000
17,071.99	90.00	359.95	9,529.00	7,285.23	-62.70	0.00	0.00	0.00	0.000	BHLv2 - Juliet Fede



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Juliet Federal Com 114H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.70usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

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
1,077.70	0.00	0.00	1,077.70	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,696.70	0.00	0.00	1,696.70	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	187.35	2,099.99	-0.87	-0.11	-0.86	1.00	1.00	0.00
2,200.00	2.00	187.35	2,199.96	-3.46	-0.45	-3.46	1.00	1.00	0.00
2,300.00	3.00	187.35	2,299.86	-7.79	-1.00	-7.78	1.00	1.00	0.00
2,400.00	4.00	187.35	2,399.68	-13.84	-1.79	-13.83	1.00	1.00	0.00
2,500.00	5.00	187.35	2,499.37	-21.62	-2.79	-21.60	1.00	1.00	0.00
2,600.00	6.00	187.35	2,598.90	-31.13	-4.02	-31.09	1.00	1.00	0.00
2,700.00	7.00	187.35	2,698.26	-42.36	-5.47	-42.31	1.00	1.00	0.00
2,800.00	8.00	187.35	2,797.40	-55.30	-7.14	-55.24	1.00	1.00	0.00
2,900.00	9.00	187.35	2,896.30	-69.96	-9.03	-69.88	1.00	1.00	0.00
3,000.00	10.00	187.35	2,994.93	-86.33	-11.14	-86.23	1.00	1.00	0.00
Hold 10.00° Inc at 187.35° Azm									
3,100.00	10.00	187.35	3,093.41	-103.55	-13.36	-103.43	0.00	0.00	0.00
3,200.00	10.00	187.35	3,191.89	-120.77	-15.59	-120.63	0.00	0.00	0.00
3,300.00	10.00	187.35	3,290.37	-138.00	-17.81	-137.84	0.00	0.00	0.00
3,400.00	10.00	187.35	3,388.85	-155.22	-20.03	-155.04	0.00	0.00	0.00
3,500.00	10.00	187.35	3,487.33	-172.44	-22.25	-172.24	0.00	0.00	0.00
3,600.00	10.00	187.35	3,585.82	-189.66	-24.47	-189.44	0.00	0.00	0.00
3,700.00	10.00	187.35	3,684.30	-206.88	-26.70	-206.65	0.00	0.00	0.00
3,755.24	10.00	187.35	3,738.70	-216.40	-27.93	-216.15	0.00	0.00	0.00
BS BLM (Fletcher Anhydrite)									
3,800.00	10.00	187.35	3,782.78	-224.11	-28.92	-223.85	0.00	0.00	0.00
3,900.00	10.00	187.35	3,881.26	-241.33	-31.14	-241.05	0.00	0.00	0.00
4,000.00	10.00	187.35	3,979.74	-258.55	-33.36	-258.25	0.00	0.00	0.00
4,100.00	10.00	187.35	4,078.22	-275.77	-35.59	-275.45	0.00	0.00	0.00
4,200.00	10.00	187.35	4,176.70	-292.99	-37.81	-292.66	0.00	0.00	0.00
4,300.00	10.00	187.35	4,275.18	-310.22	-40.03	-309.86	0.00	0.00	0.00
4,400.00	10.00	187.35	4,373.66	-327.44	-42.25	-327.06	0.00	0.00	0.00
4,493.44	10.00	187.35	4,465.69	-343.53	-44.33	-343.14	0.00	0.00	0.00
Begin 1.00°/100' Drop									
4,500.00	9.93	187.35	4,472.14	-344.66	-44.48	-344.26	1.00	-1.00	0.00
4,600.00	8.93	187.35	4,570.79	-360.91	-46.57	-360.50	1.00	-1.00	0.00
4,700.00	7.93	187.35	4,669.71	-375.46	-48.45	-375.03	1.00	-1.00	0.00
4,800.00	6.93	187.35	4,768.86	-388.29	-50.11	-387.85	1.00	-1.00	0.00
4,900.00	5.93	187.35	4,868.23	-399.41	-51.54	-398.95	1.00	-1.00	0.00
5,000.00	4.93	187.35	4,967.78	-408.80	-52.75	-408.33	1.00	-1.00	0.00
5,100.00	3.93	187.35	5,067.48	-416.47	-53.74	-415.99	1.00	-1.00	0.00
5,200.00	2.93	187.35	5,167.30	-422.41	-54.51	-421.92	1.00	-1.00	0.00
5,300.00	1.93	187.35	5,267.21	-426.62	-55.05	-426.13	1.00	-1.00	0.00
5,390.52	1.03	187.35	5,357.70	-428.94	-55.35	-428.45	1.00	-1.00	0.00
Lamar									
5,400.00	0.93	187.35	5,367.18	-429.10	-55.37	-428.61	1.00	-1.00	0.00
5,462.53	0.31	187.35	5,429.70	-429.78	-55.46	-429.28	1.00	-1.00	0.00
Bell Canyon									
5,493.44	0.00	0.00	5,460.62	-429.86	-55.47	-429.37	1.00	-1.00	558.44
Begin Vertical Hold									
5,500.00	0.00	0.00	5,467.17	-429.86	-55.47	-429.37	0.00	0.00	0.00



Planning Report



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Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

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)
5,600.00	0.00	0.00	5,567.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
5,700.00	0.00	0.00	5,667.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
5,800.00	0.00	0.00	5,767.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
5,900.00	0.00	0.00	5,867.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,000.00	0.00	0.00	5,967.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,100.00	0.00	0.00	6,067.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,200.00	0.00	0.00	6,167.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,300.00	0.00	0.00	6,267.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,362.53	0.00	0.00	6,329.70	-429.86	-55.47	-429.37	0.00	0.00	0.00
Cherry Canyon									
6,400.00	0.00	0.00	6,367.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,500.00	0.00	0.00	6,467.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,580.53	0.00	0.00	6,547.70	-429.86	-55.47	-429.37	0.00	0.00	0.00
Manzanita Lime									
6,600.00	0.00	0.00	6,567.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,700.00	0.00	0.00	6,667.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,800.00	0.00	0.00	6,767.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
6,900.00	0.00	0.00	6,867.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,000.00	0.00	0.00	6,967.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,100.00	0.00	0.00	7,067.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,200.00	0.00	0.00	7,167.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,300.00	0.00	0.00	7,267.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,400.00	0.00	0.00	7,367.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,500.00	0.00	0.00	7,467.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,600.00	0.00	0.00	7,567.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,700.00	0.00	0.00	7,667.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,800.00	0.00	0.00	7,767.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,900.00	0.00	0.00	7,867.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
7,917.53	0.00	0.00	7,884.70	-429.86	-55.47	-429.37	0.00	0.00	0.00
Brushy Canyon									
8,000.00	0.00	0.00	7,967.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,100.00	0.00	0.00	8,067.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,200.00	0.00	0.00	8,167.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,300.00	0.00	0.00	8,267.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,400.00	0.00	0.00	8,367.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,500.00	0.00	0.00	8,467.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,600.00	0.00	0.00	8,567.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,700.00	0.00	0.00	8,667.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,800.00	0.00	0.00	8,767.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
8,900.00	0.00	0.00	8,867.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
9,000.00	0.00	0.00	8,967.17	-429.86	-55.47	-429.37	0.00	0.00	0.00
9,084.37	0.00	0.00	9,051.54	-429.86	-55.47	-429.37	0.00	0.00	0.00
KOP2, Begin 12.00°/100' Build									
9,100.00	1.88	359.95	9,067.17	-429.60	-55.47	-429.11	12.00	12.00	0.00
9,200.00	13.88	359.95	9,166.05	-415.93	-55.48	-415.43	12.00	12.00	0.00
9,300.00	25.88	359.95	9,259.92	-381.99	-55.52	-381.50	12.00	12.00	0.00
9,316.57	27.86	359.95	9,274.70	-374.50	-55.52	-374.01	12.00	12.00	0.00
Bone Spring Lime									
9,340.66	30.75	359.95	9,295.70	-362.71	-55.53	-362.22	12.00	12.00	0.00
Avalon									
9,400.00	37.88	359.95	9,344.68	-329.28	-55.57	-328.79	12.00	12.00	0.00
9,500.00	49.88	359.95	9,416.63	-260.09	-55.63	-259.61	12.00	12.00	0.00
9,600.00	61.88	359.95	9,472.63	-177.46	-55.71	-176.98	12.00	12.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Juliet Federal Com 114H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.70usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

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)	
9,700.00	73.88	359.95	9,510.22	-85.00	-55.79	-84.51	12.00	12.00	0.00	
9,721.39	76.44	359.95	9,515.70	-64.32	-55.81	-63.84	12.00	12.00	0.00	
Target Top at 0' VS										
9,800.00	85.88	359.95	9,527.77	13.27	-55.89	13.75	12.00	12.00	0.00	
9,834.37	90.00	359.95	9,529.01	47.61	-55.92	48.08	12.00	12.00	0.00	
LP, Hold 90.00° Inc at 359.95° Azm										
9,900.00	90.00	359.95	9,529.00	113.24	-55.98	113.72	0.00	0.00	0.00	
10,000.00	90.00	359.95	9,529.00	213.24	-56.07	213.71	0.00	0.00	0.00	
10,100.00	90.00	359.95	9,529.00	313.24	-56.17	313.71	0.00	0.00	0.00	
10,200.00	90.00	359.95	9,529.00	413.24	-56.26	413.71	0.00	0.00	0.00	
10,300.00	90.00	359.95	9,529.00	513.24	-56.36	513.70	0.00	0.00	0.00	
10,400.00	90.00	359.95	9,529.00	613.24	-56.45	613.70	0.00	0.00	0.00	
10,500.00	90.00	359.95	9,529.00	713.24	-56.54	713.70	0.00	0.00	0.00	
10,600.00	90.00	359.95	9,529.00	813.24	-56.64	813.69	0.00	0.00	0.00	
10,700.00	90.00	359.95	9,529.00	913.24	-56.73	913.69	0.00	0.00	0.00	
10,800.00	90.00	359.95	9,529.00	1,013.24	-56.82	1,013.69	0.00	0.00	0.00	
10,900.00	90.00	359.95	9,529.00	1,113.24	-56.92	1,113.69	0.00	0.00	0.00	
11,000.00	90.00	359.95	9,529.00	1,213.24	-57.01	1,213.68	0.00	0.00	0.00	
11,100.00	90.00	359.95	9,529.00	1,313.24	-57.11	1,313.68	0.00	0.00	0.00	
11,200.00	90.00	359.95	9,529.00	1,413.24	-57.20	1,413.68	0.00	0.00	0.00	
11,300.00	90.00	359.95	9,529.00	1,513.24	-57.29	1,513.67	0.00	0.00	0.00	
11,400.00	90.00	359.95	9,529.00	1,613.24	-57.39	1,613.67	0.00	0.00	0.00	
11,500.00	90.00	359.95	9,529.00	1,713.24	-57.48	1,713.67	0.00	0.00	0.00	
11,600.00	90.00	359.95	9,529.00	1,813.24	-57.57	1,813.67	0.00	0.00	0.00	
11,700.00	90.00	359.95	9,529.00	1,913.24	-57.67	1,913.66	0.00	0.00	0.00	
11,800.00	90.00	359.95	9,529.00	2,013.24	-57.76	2,013.66	0.00	0.00	0.00	
11,900.00	90.00	359.95	9,529.00	2,113.24	-57.86	2,113.66	0.00	0.00	0.00	
12,000.00	90.00	359.95	9,529.00	2,213.24	-57.95	2,213.65	0.00	0.00	0.00	
12,100.00	90.00	359.95	9,529.00	2,313.24	-58.04	2,313.65	0.00	0.00	0.00	
12,200.00	90.00	359.95	9,529.00	2,413.24	-58.14	2,413.65	0.00	0.00	0.00	
12,300.00	90.00	359.95	9,529.00	2,513.24	-58.23	2,513.64	0.00	0.00	0.00	
12,400.00	90.00	359.95	9,529.00	2,613.24	-58.32	2,613.64	0.00	0.00	0.00	
12,500.00	90.00	359.95	9,529.00	2,713.24	-58.42	2,713.64	0.00	0.00	0.00	
12,600.00	90.00	359.95	9,529.00	2,813.24	-58.51	2,813.64	0.00	0.00	0.00	
12,700.00	90.00	359.95	9,529.00	2,913.24	-58.61	2,913.63	0.00	0.00	0.00	
12,800.00	90.00	359.95	9,529.00	3,013.24	-58.70	3,013.63	0.00	0.00	0.00	
12,900.00	90.00	359.95	9,529.00	3,113.24	-58.79	3,113.63	0.00	0.00	0.00	
13,000.00	90.00	359.95	9,529.00	3,213.24	-58.89	3,213.62	0.00	0.00	0.00	
13,100.00	90.00	359.95	9,529.00	3,313.24	-58.98	3,313.62	0.00	0.00	0.00	
13,200.00	90.00	359.95	9,529.00	3,413.24	-59.07	3,413.62	0.00	0.00	0.00	
13,300.00	90.00	359.95	9,529.00	3,513.24	-59.17	3,513.62	0.00	0.00	0.00	
13,400.00	90.00	359.95	9,529.00	3,613.24	-59.26	3,613.61	0.00	0.00	0.00	
13,500.00	90.00	359.95	9,529.00	3,713.24	-59.36	3,713.61	0.00	0.00	0.00	
13,600.00	90.00	359.95	9,529.00	3,813.24	-59.45	3,813.61	0.00	0.00	0.00	
13,700.00	90.00	359.95	9,529.00	3,913.24	-59.54	3,913.60	0.00	0.00	0.00	
13,800.00	90.00	359.95	9,529.00	4,013.24	-59.64	4,013.60	0.00	0.00	0.00	
13,900.00	90.00	359.95	9,529.00	4,113.24	-59.73	4,113.60	0.00	0.00	0.00	
14,000.00	90.00	359.95	9,529.00	4,213.24	-59.82	4,213.59	0.00	0.00	0.00	
14,100.00	90.00	359.95	9,529.00	4,313.24	-59.92	4,313.59	0.00	0.00	0.00	
14,200.00	90.00	359.95	9,529.00	4,413.24	-60.01	4,413.59	0.00	0.00	0.00	
14,300.00	90.00	359.95	9,529.00	4,513.24	-60.10	4,513.59	0.00	0.00	0.00	
14,400.00	90.00	359.95	9,529.00	4,613.24	-60.20	4,613.58	0.00	0.00	0.00	
14,500.00	90.00	359.95	9,529.00	4,713.24	-60.29	4,713.58	0.00	0.00	0.00	
14,600.00	90.00	359.95	9,529.00	4,813.24	-60.39	4,813.58	0.00	0.00	0.00	



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Juliet Federal Com 114H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.70usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

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)
14,700.00	90.00	359.95	9,529.00	4,913.24	-60.48	4,913.57	0.00	0.00	0.00
14,800.00	90.00	359.95	9,529.00	5,013.24	-60.57	5,013.57	0.00	0.00	0.00
14,900.00	90.00	359.95	9,529.00	5,113.24	-60.67	5,113.57	0.00	0.00	0.00
15,000.00	90.00	359.95	9,529.00	5,213.24	-60.76	5,213.57	0.00	0.00	0.00
15,100.00	90.00	359.95	9,529.00	5,313.24	-60.85	5,313.56	0.00	0.00	0.00
15,200.00	90.00	359.95	9,529.00	5,413.24	-60.95	5,413.56	0.00	0.00	0.00
15,300.00	90.00	359.95	9,529.00	5,513.24	-61.04	5,513.56	0.00	0.00	0.00
15,400.00	90.00	359.95	9,529.00	5,613.24	-61.14	5,613.55	0.00	0.00	0.00
15,500.00	90.00	359.95	9,529.00	5,713.24	-61.23	5,713.55	0.00	0.00	0.00
15,600.00	90.00	359.95	9,529.00	5,813.24	-61.32	5,813.55	0.00	0.00	0.00
15,700.00	90.00	359.95	9,529.00	5,913.24	-61.42	5,913.54	0.00	0.00	0.00
15,800.00	90.00	359.95	9,529.00	6,013.24	-61.51	6,013.54	0.00	0.00	0.00
15,900.00	90.00	359.95	9,529.00	6,113.24	-61.60	6,113.54	0.00	0.00	0.00
16,000.00	90.00	359.95	9,529.00	6,213.24	-61.70	6,213.54	0.00	0.00	0.00
16,100.00	90.00	359.95	9,529.00	6,313.24	-61.79	6,313.53	0.00	0.00	0.00
16,200.00	90.00	359.95	9,529.00	6,413.24	-61.89	6,413.53	0.00	0.00	0.00
16,300.00	90.00	359.95	9,529.00	6,513.24	-61.98	6,513.53	0.00	0.00	0.00
16,400.00	90.00	359.95	9,529.00	6,613.24	-62.07	6,613.52	0.00	0.00	0.00
16,500.00	90.00	359.95	9,529.00	6,713.23	-62.17	6,713.52	0.00	0.00	0.00
16,600.00	90.00	359.95	9,529.00	6,813.23	-62.26	6,813.52	0.00	0.00	0.00
16,700.00	90.00	359.95	9,529.00	6,913.23	-62.35	6,913.52	0.00	0.00	0.00
16,800.00	90.00	359.95	9,529.00	7,013.23	-62.45	7,013.51	0.00	0.00	0.00
16,900.00	90.00	359.95	9,529.00	7,113.23	-62.54	7,113.51	0.00	0.00	0.00
17,000.00	90.00	359.95	9,529.00	7,213.23	-62.64	7,213.51	0.00	0.00	0.00
17,071.99	90.00	359.95	9,529.00	7,285.23	-62.70	7,285.50	0.00	0.00	0.00
TD at 17071.99									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL - 114H - 2109' FN - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	11,688,083.59	2,116,864.72	32° 11' 23.957670 N	3° 27' 33.955001 W
FTP - 114H - 2539' FN - plan misses target center by 197.82usft at 9463.27usft MD (9391.90 TVD, -287.24 N, -55.61 E) - Point	0.00	0.00	9,529.00	-429.86	-55.47	11,687,653.04	2,116,815.42	32° 11' 19.704114 N	3° 27' 34.600470 W
BHLv2 - Juliet Federa - plan hits target center - Rectangle (sides W0.00 H7,714.01 D20.00)	0.00	359.51	9,529.00	7,285.23	-62.70	11,695,366.15	2,116,697.67	32° 12' 36.046462 N	3° 27' 34.684559 W
FTPv2 - Juliet Federa - plan misses target center by 197.82usft at 9463.27usft MD (9391.90 TVD, -287.24 N, -55.61 E) - Point	0.00	0.00	9,529.00	-429.86	-55.47	11,687,653.04	2,116,815.42	32° 11' 19.704114 N	3° 27' 34.600470 W
BHL - 114H - 100' FNI - plan hits target center - Point	0.00	359.51	9,529.00	7,285.23	-62.70	11,695,366.15	2,116,697.67	32° 12' 36.046462 N	3° 27' 34.684559 W



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Juliet Federal Com 114H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3489.70usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3489.70usft (TBD)
Site:	Juliet Federal Com	North Reference:	True
Well:	Juliet Federal Com 114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,077.70	1,077.70	Rustler				
1,696.70	1,696.70	Salado				
3,755.24	3,738.70	BS BLM (Fletcher Anhydrite)				
5,390.52	5,357.70	Lamar				
5,462.53	5,429.70	Bell Canyon				
6,362.53	6,329.70	Cherry Canyon				
6,580.53	6,547.70	Manzanita Lime				
7,917.53	7,884.70	Brushy Canyon				
9,316.57	9,274.70	Bone Spring Lime				
9,340.66	9,295.70	Avalon				
9,721.39	9,515.70	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	
3,000.00	2,994.93	-86.33	-11.14	Hold 10.00° Inc at 187.35° Azm	
4,493.44	4,465.69	-343.53	-44.33	Begin 1.00°/100' Drop	
5,493.44	5,460.62	-429.86	-55.47	Begin Vertical Hold	
9,084.37	9,051.54	-429.86	-55.47	KOP2, Begin 12.00°/100' Build	
9,834.37	9,529.01	47.61	-55.92	LP, Hold 90.00° Inc at 359.95° Azm	
17,071.99	9,529.00	7,285.23	-62.70	TD at 17071.99	

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 163993

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 163993
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	12/29/2022