

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: 2670065

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 05/09/2022	Time Sundry Submitted: 03:23
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 & 2146 FWL. Please see attached updated directional plans and well plat to reflect these changes.

NOI Attachments

Procedure Description

- Juliet_Federal_Com_114H_C_102_SBMT_20220505162154.pdf
- Juliet_Federal_Com_114H_Plan_1_03_30_22_20220504115703.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: MAY 09, 2022 03:23 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: 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-50270	² Pool Code 96434	³ Pool Name Red Hills; Bone Spring, North
⁴ Property Code 318012	⁵ Property Name JULIET FEDERAL COM	⁶ Well Number 114H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3463.7'

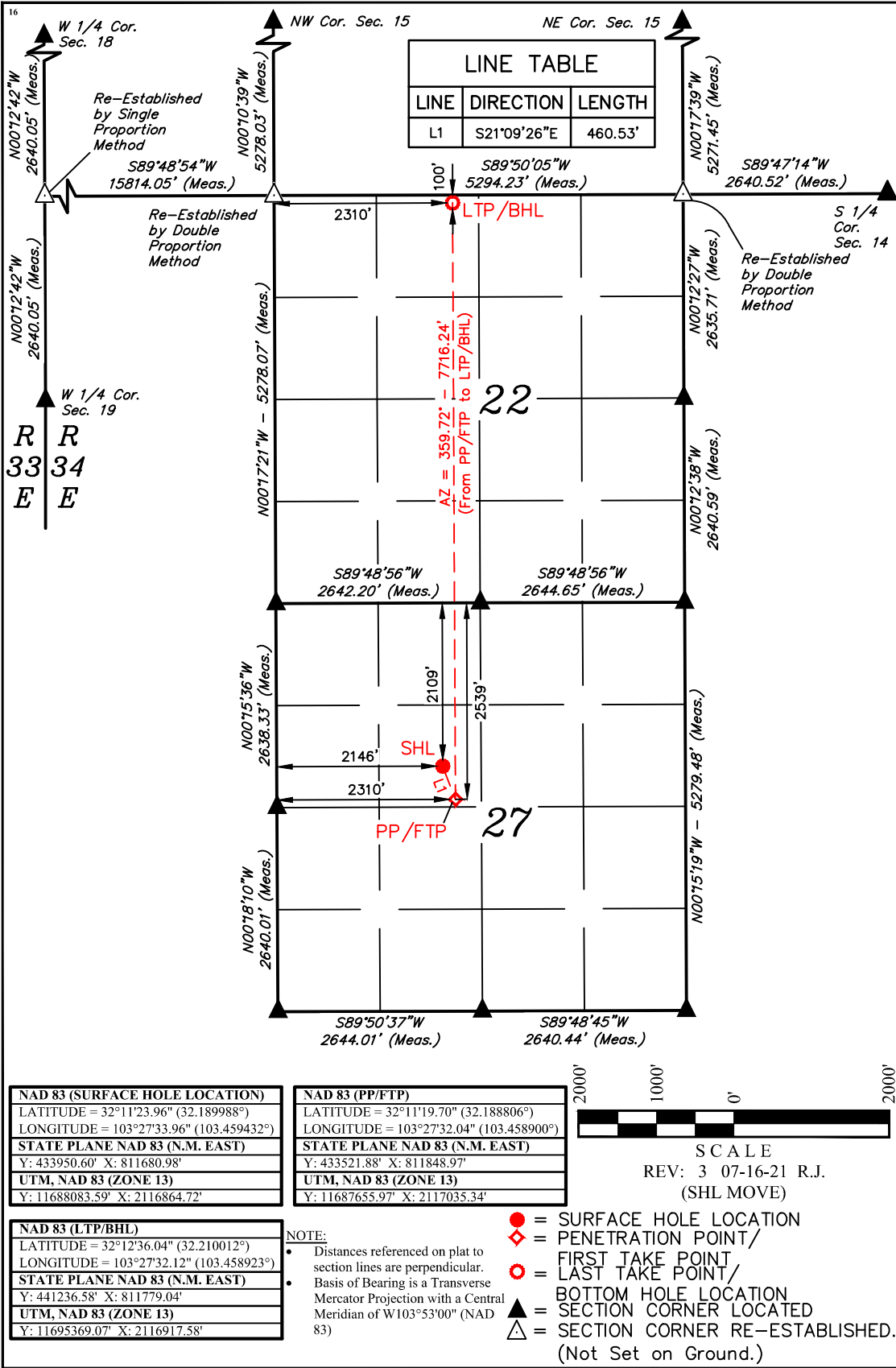
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	24S	34E		2109	NORTH	2146	WEST	LEA

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
C	22	24S	34E		100	NORTH	2310	WEST	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.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 7/29/22

Printed Name: Meghan Twele

E-mail Address: meghan.twele@cdevinc.com

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.

July 02, 2020

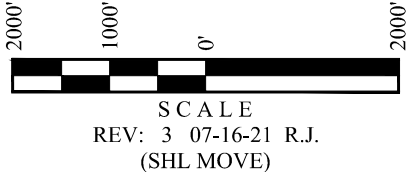
Date of Survey: July 02, 2020

Signature and Seal of Professional Surveyor: *[Signature]*

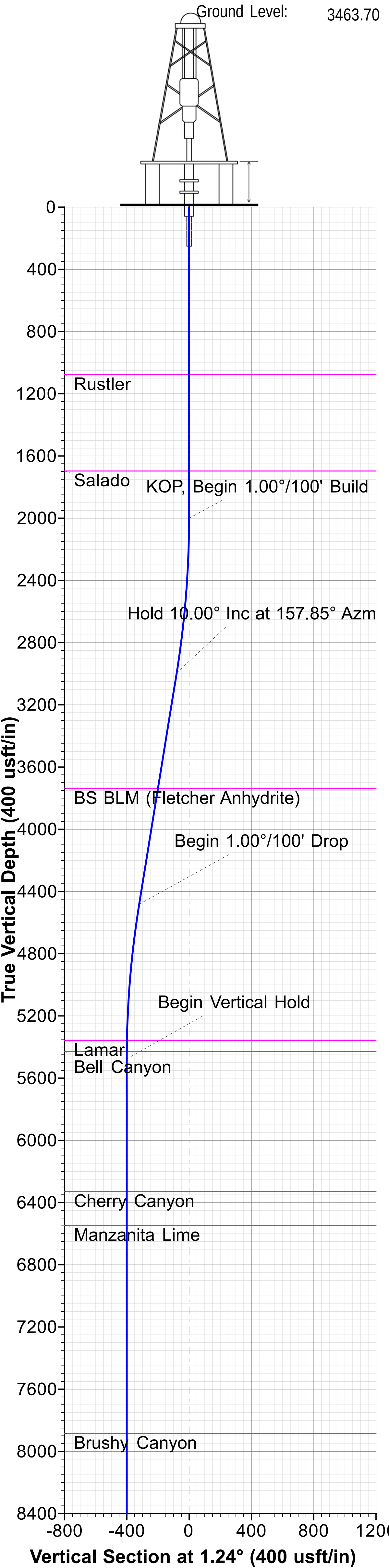
PAUL BUCHELE
NEW MEXICO
23782
07-16-21
PROFESSIONAL SURVEYOR

Certificate Number:

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°11'23.96" (32.189988°) LONGITUDE = 103°27'33.96" (103.459432°) STATE PLANE NAD 83 (N.M. EAST) Y: 433950.60' X: 811680.98' UTM, NAD 83 (ZONE 13) Y: 11688083.59' X: 2116864.72'	NAD 83 (PP/FTP) LATITUDE = 32°11'19.70" (32.188806°) LONGITUDE = 103°27'32.04" (103.458900°) STATE PLANE NAD 83 (N.M. EAST) Y: 433521.88' X: 811848.97' UTM, NAD 83 (ZONE 13) Y: 11687655.97' X: 2117035.34'
NAD 83 (LTP/BHL) LATITUDE = 32°12'36.04" (32.210012°) LONGITUDE = 103°27'32.12" (103.458923°) STATE PLANE NAD 83 (N.M. EAST) Y: 441236.58' X: 811779.04' UTM, NAD 83 (ZONE 13) Y: 11695369.07' X: 2116917.58'	NOTE: • Distances referenced on plat to section lines are perpendicular. • Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)



- = SURFACE HOLE LOCATION
- ◆ = PENETRATION POINT/ FIRST TAKE POINT
- = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

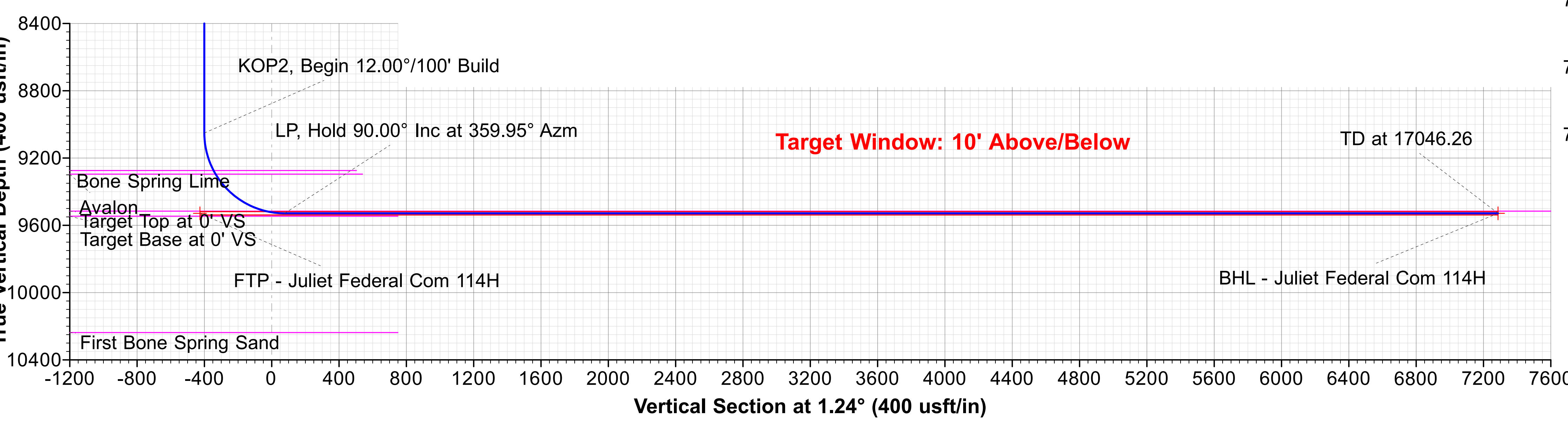
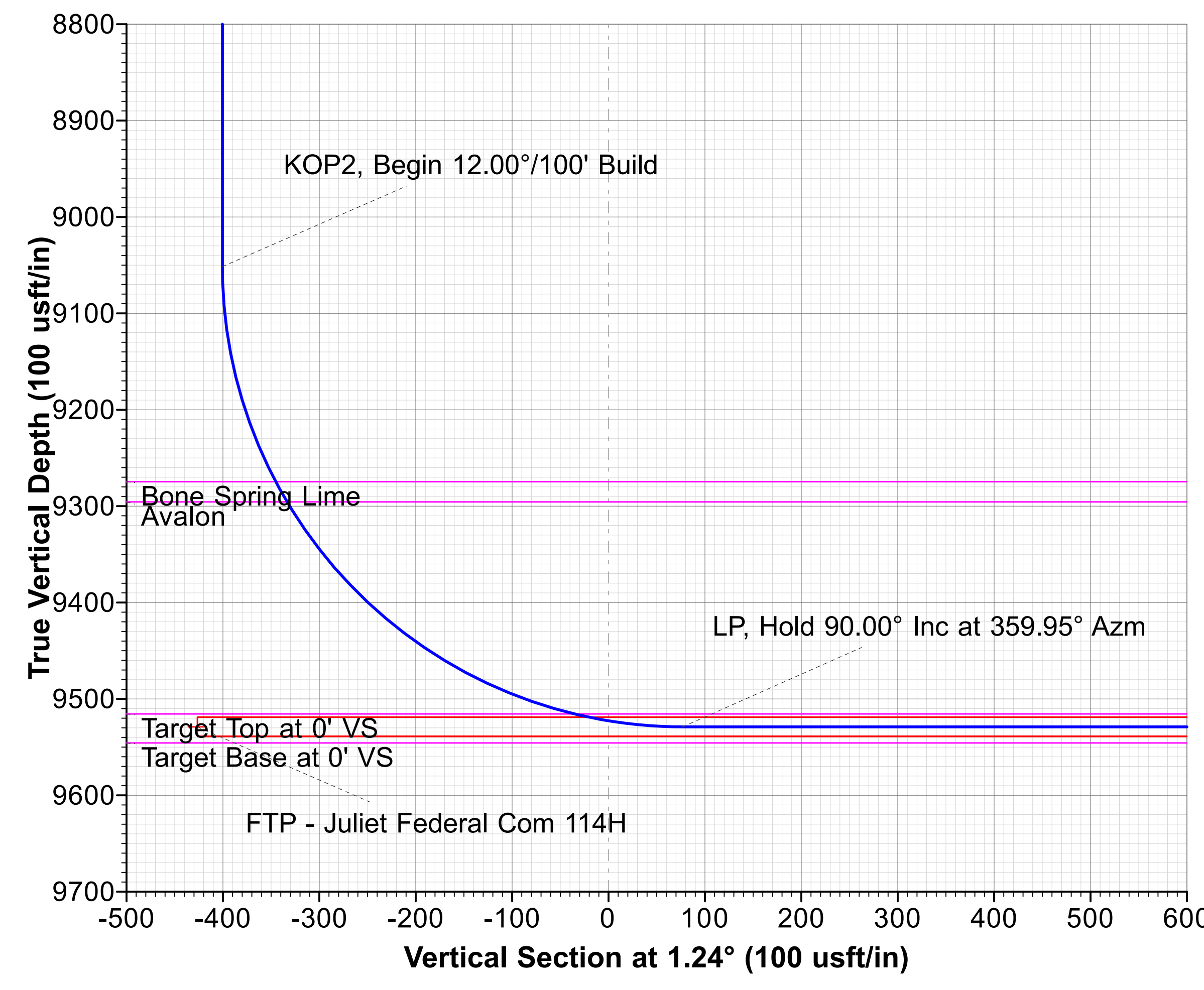


WELL DETAILS									
+N/-S		+E/-W		Northing	Ground Level: 3463.70	Easting	Latitude	Longitude	
0.00		0.00		11688083.59	2116864.72	32° 11' 23.957670 N	103° 27' 33.955002 W		

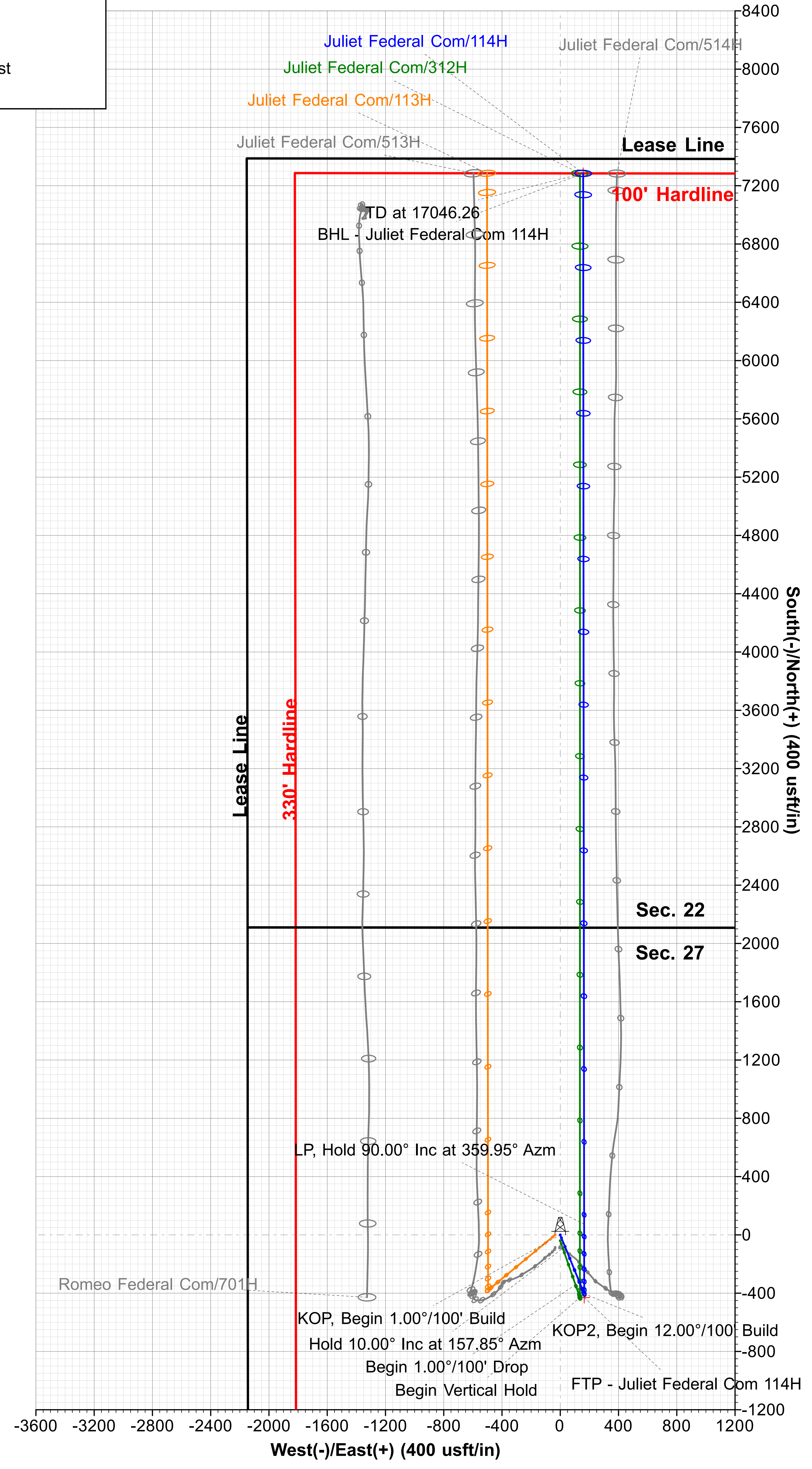
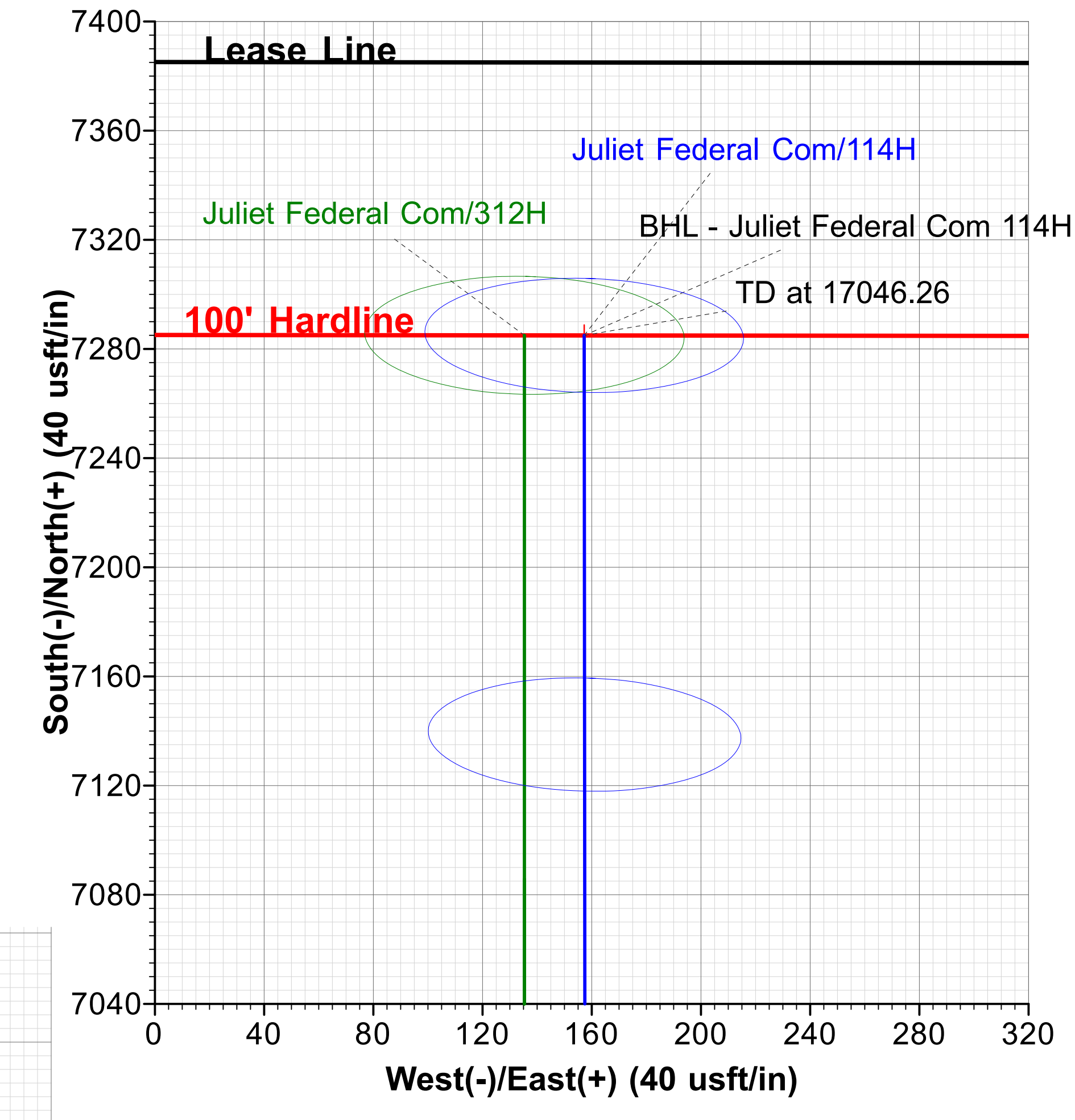
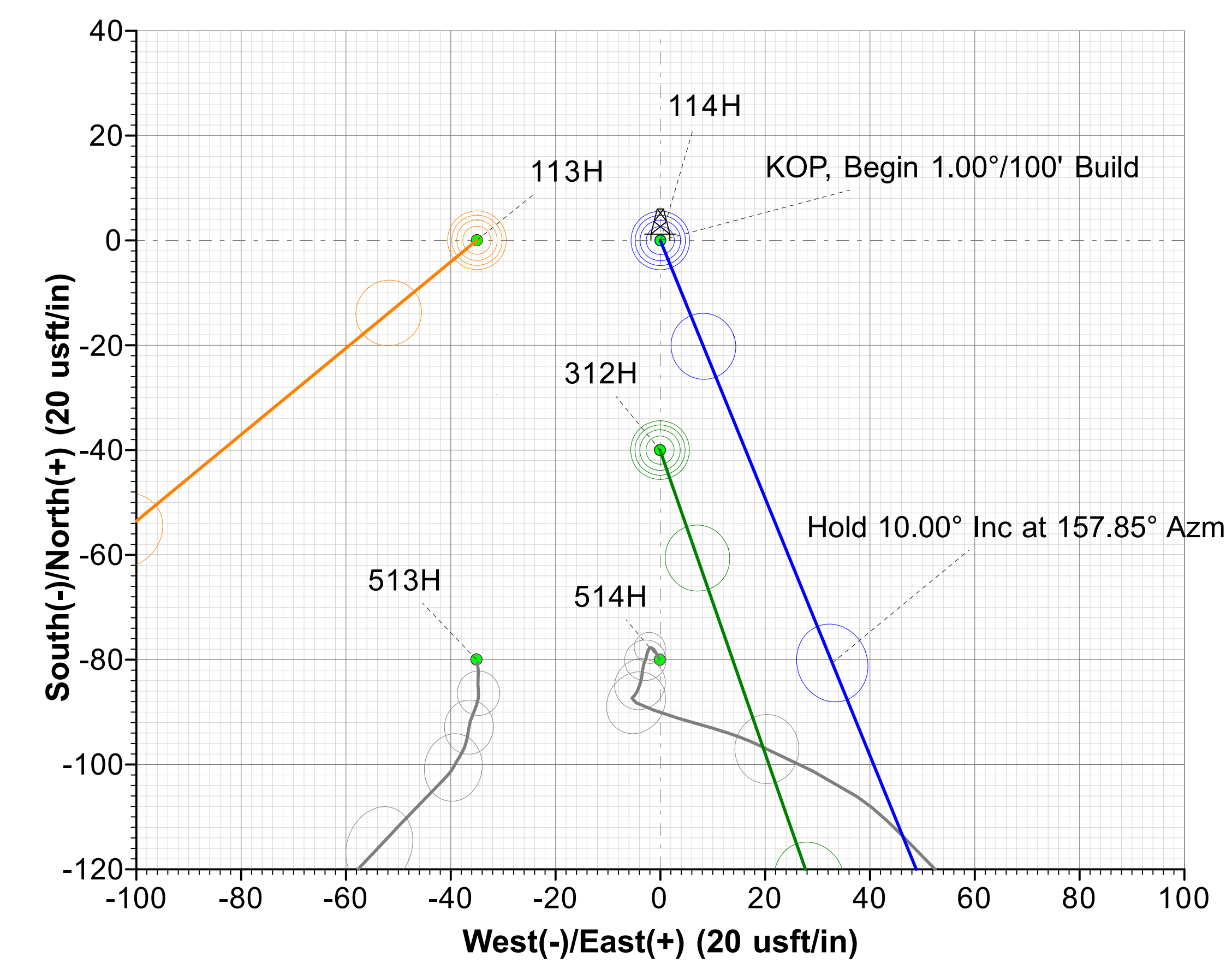
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00		
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.000	0.00		KOP, Begin 1.00°/100' Build
3	2999.97	10.00	157.85	2994.90	-80.62	32.81	1.00	157.85°	-79.89		Hold 10.00° Inc at 157.85° Azm
4	4510.11	10.00	157.85	4482.10	-323.50	131.66	1.00	180.000	-320.58		Begin 1.00°/100' Drop
5	5510.08	0.00	0.00	5477.00	-404.12	164.47	1.00	180.000	-400.47		Begin Vertical Hold
6	9084.61	0.00	0.00	9051.54	-404.12	164.47	1.00	0.000	-400.47		KOP2, Begin 12.00°/100' Build
7	9834.61	90.00	359.95	9529.00	73.35	164.03	12.00	359.946	76.87		LP, Hold 90.00° Inc at 359.95° Azm
8	17046.26	90.00	359.95	9529.00	7284.99	157.26	0.00	0.000	7286.69	BHL - Juliet Federal Com 114H	TD at 17046.26

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - Juliet Federal Com 114H	9529.00	7284.99	157.26	11695369.07	2116917.58	32° 12' 36.044158 N	103° 27' 32.124466 W
FTP - Juliet Federal Com 114H	9529.00	-430.08	164.50	11687655.97	2117035.34	32° 11' 19.701925 N	103° 27' 32.040853 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	5390.77	Lamar
5429.70	5462.78	Bell Canyon
6329.70	6362.78	Cherry Canyon
6547.70	6580.78	Manzanita Lime
7884.70	7917.78	Brushy Canyon
9274.70	9316.83	Bone Spring Lime
9295.70	9340.91	Avalon
9515.70	9721.65	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 114H, True North
Latitude: 32° 11' 23.957670 N
Longitude: 103° 27' 33.955002 W
Grid East: 2116864.72
Grid North: 11688083.59
Scale Factor: 1.000
Geomagnetic Model: MVHD
Sample Date: 30-May-22
Magnetic Declination: 6.310°
Dip Angle from Horizontal: 59.742°
Magnetic Field Strength: 47507.34921315nT
To convert a Magnetic Direction to a Grid Direction, Add 5.489°
To convert a Magnetic Direction to a True Direction, Add 6.310° 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
114H**

OH

Plan: Plan 1 03-30-22

Standard Planning Report

30 March, 2022





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 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:	114H	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: From:	Map	Northing:	11,688,003.16 usft	Latitude:	32° 11' 23.166580 N
		Easting:	2,116,830.78 usft	Longitude:	103° 27' 34.363364 W
		Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "

Well	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' 33.955002 W
Position Uncertainty	1.00 usft		Wellhead Elevation:		Ground Level:	3,463.70 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	5/30/2022	6.310	59.742	47,507.34921316

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	1.24

Plan Survey Tool Program	Date	3/30/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,046.26	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	
2,999.97	10.00	157.85	2,994.90	-80.62	32.81	1.00	1.00	0.00	157.854	
4,510.11	10.00	157.85	4,482.10	-323.50	131.66	0.00	0.00	0.00	0.000	
5,510.08	0.00	0.00	5,477.00	-404.12	164.47	1.00	-1.00	0.00	180.000	
9,084.61	0.00	0.00	9,051.54	-404.12	164.47	0.00	0.00	0.00	0.000	
9,834.61	90.00	359.95	9,529.00	73.35	164.03	12.00	12.00	0.00	359.946	
17,046.26	90.00	359.95	9,529.00	7,284.99	157.26	0.00	0.00	0.00	0.000	BHL - Juliet Federa



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 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:	114H	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
1,077.70	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	157.85	2,099.99	-0.81	0.33	-0.80	1.00	1.00	0.00
2,200.00	2.00	157.85	2,199.96	-3.23	1.32	-3.20	1.00	1.00	0.00
2,300.00	3.00	157.85	2,299.86	-7.27	2.96	-7.21	1.00	1.00	0.00
2,400.00	4.00	157.85	2,399.68	-12.93	5.26	-12.81	1.00	1.00	0.00
2,500.00	5.00	157.85	2,499.37	-20.19	8.22	-20.01	1.00	1.00	0.00
2,600.00	6.00	157.85	2,598.90	-29.07	11.83	-28.81	1.00	1.00	0.00
2,700.00	7.00	157.85	2,698.26	-39.56	16.10	-39.20	1.00	1.00	0.00
2,800.00	8.00	157.85	2,797.40	-51.65	21.02	-51.18	1.00	1.00	0.00
2,900.00	9.00	157.85	2,896.30	-65.34	26.59	-64.75	1.00	1.00	0.00
2,999.97	10.00	157.85	2,994.90	-80.62	32.81	-79.89	1.00	1.00	0.00
Hold 10.00° Inc at 157.85° Azm									
3,000.00	10.00	157.85	2,994.93	-80.62	32.81	-79.90	0.00	0.00	0.00
3,100.00	10.00	157.85	3,093.41	-96.71	39.36	-95.83	0.00	0.00	0.00
3,200.00	10.00	157.85	3,191.89	-112.79	45.91	-111.77	0.00	0.00	0.00
3,300.00	10.00	157.85	3,290.37	-128.87	52.45	-127.71	0.00	0.00	0.00
3,400.00	10.00	157.85	3,388.85	-144.96	59.00	-143.65	0.00	0.00	0.00
3,500.00	10.00	157.85	3,487.34	-161.04	65.54	-159.59	0.00	0.00	0.00
3,600.00	10.00	157.85	3,585.82	-177.12	72.09	-175.53	0.00	0.00	0.00
3,700.00	10.00	157.85	3,684.30	-193.21	78.63	-191.46	0.00	0.00	0.00
3,755.24	10.00	157.85	3,738.70	-202.09	82.25	-200.27	0.00	0.00	0.00
BS BLM (Fletcher Anhydrite)									
3,800.00	10.00	157.85	3,782.78	-209.29	85.18	-207.40	0.00	0.00	0.00
3,900.00	10.00	157.85	3,881.26	-225.37	91.73	-223.34	0.00	0.00	0.00
4,000.00	10.00	157.85	3,979.74	-241.46	98.27	-239.28	0.00	0.00	0.00
4,100.00	10.00	157.85	4,078.22	-257.54	104.82	-255.22	0.00	0.00	0.00
4,200.00	10.00	157.85	4,176.70	-273.62	111.36	-271.16	0.00	0.00	0.00
4,300.00	10.00	157.85	4,275.18	-289.71	117.91	-287.09	0.00	0.00	0.00
4,400.00	10.00	157.85	4,373.66	-305.79	124.46	-303.03	0.00	0.00	0.00
4,500.00	10.00	157.85	4,472.14	-321.87	131.00	-318.97	0.00	0.00	0.00
4,510.11	10.00	157.85	4,482.10	-323.50	131.66	-320.58	0.00	0.00	0.00
Begin 1.00°/100' Drop									
4,600.00	9.10	157.85	4,570.74	-337.31	137.29	-334.27	1.00	-1.00	0.00
4,700.00	8.10	157.85	4,669.62	-351.16	142.92	-348.00	1.00	-1.00	0.00
4,800.00	7.10	157.85	4,768.74	-363.41	147.91	-360.14	1.00	-1.00	0.00
4,900.00	6.10	157.85	4,868.07	-374.06	152.24	-370.69	1.00	-1.00	0.00
5,000.00	5.10	157.85	4,967.59	-383.10	155.92	-379.65	1.00	-1.00	0.00
5,100.00	4.10	157.85	5,067.27	-390.53	158.94	-387.01	1.00	-1.00	0.00
5,200.00	3.10	157.85	5,167.07	-396.35	161.31	-392.77	1.00	-1.00	0.00
5,300.00	2.10	157.85	5,266.97	-400.55	163.02	-396.94	1.00	-1.00	0.00
5,390.77	1.19	157.85	5,357.70	-402.97	164.01	-399.33	1.00	-1.00	0.00
Lamar									
5,400.00	1.10	157.85	5,366.93	-403.14	164.08	-399.50	1.00	-1.00	0.00
5,462.78	0.47	157.85	5,429.70	-403.94	164.40	-400.29	1.00	-1.00	0.00
Bell Canyon									
5,500.00	0.10	157.85	5,466.92	-404.11	164.47	-400.47	1.00	-1.00	0.00
5,510.08	0.00	0.00	5,477.00	-404.12	164.47	-400.47	1.00	-1.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 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:	114H	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)
Begin Vertical Hold									
6,362.78	0.00	0.00	6,329.70	-404.12	164.47	-400.47	0.00	0.00	0.00
Cherry Canyon									
6,580.78	0.00	0.00	6,547.70	-404.12	164.47	-400.47	0.00	0.00	0.00
Manzanita Lime									
7,917.78	0.00	0.00	7,884.70	-404.12	164.47	-400.47	0.00	0.00	0.00
Brushy Canyon									
9,084.61	0.00	0.00	9,051.54	-404.12	164.47	-400.47	0.00	0.00	0.00
KOP2, Begin 12.00°/100' Build									
9,100.00	1.85	359.95	9,066.92	-403.87	164.47	-400.23	12.00	12.00	0.00
9,200.00	13.85	359.95	9,165.80	-390.24	164.46	-386.60	12.00	12.00	0.00
9,300.00	25.85	359.95	9,259.69	-356.35	164.43	-352.72	12.00	12.00	0.00
9,316.83	27.87	359.95	9,274.70	-348.75	164.42	-345.12	12.00	12.00	0.00
Bone Spring Lime									
9,340.91	30.76	359.95	9,295.70	-336.96	164.41	-333.34	12.00	12.00	0.00
Avalon									
9,400.00	37.85	359.95	9,344.48	-303.69	164.38	-300.07	12.00	12.00	0.00
9,500.00	49.85	359.95	9,416.47	-234.54	164.32	-230.94	12.00	12.00	0.00
9,600.00	61.85	359.95	9,472.51	-151.94	164.24	-148.36	12.00	12.00	0.00
9,700.00	73.85	359.95	9,510.15	-59.49	164.15	-55.93	12.00	12.00	0.00
9,721.65	76.44	359.95	9,515.70	-38.56	164.13	-35.01	12.00	12.00	0.00
Target Top at 0' VS									
9,800.00	85.85	359.95	9,527.75	38.76	164.06	42.30	12.00	12.00	0.00
9,834.61	90.00	359.95	9,529.00	73.35	164.03	76.87	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	138.73	163.96	142.24	0.00	0.00	0.00
10,000.00	90.00	359.95	9,529.00	238.73	163.87	242.21	0.00	0.00	0.00
10,100.00	90.00	359.95	9,529.00	338.73	163.78	342.19	0.00	0.00	0.00
10,200.00	90.00	359.95	9,529.00	438.73	163.68	442.16	0.00	0.00	0.00
10,300.00	90.00	359.95	9,529.00	538.73	163.59	542.14	0.00	0.00	0.00
10,400.00	90.00	359.95	9,529.00	638.73	163.50	642.11	0.00	0.00	0.00
10,500.00	90.00	359.95	9,529.00	738.73	163.40	742.09	0.00	0.00	0.00
10,600.00	90.00	359.95	9,529.00	838.73	163.31	842.06	0.00	0.00	0.00
10,700.00	90.00	359.95	9,529.00	938.73	163.21	942.04	0.00	0.00	0.00
10,800.00	90.00	359.95	9,529.00	1,038.73	163.12	1,042.01	0.00	0.00	0.00
10,900.00	90.00	359.95	9,529.00	1,138.73	163.03	1,141.99	0.00	0.00	0.00
11,000.00	90.00	359.95	9,529.00	1,238.73	162.93	1,241.96	0.00	0.00	0.00
11,100.00	90.00	359.95	9,529.00	1,338.73	162.84	1,341.94	0.00	0.00	0.00
11,200.00	90.00	359.95	9,529.00	1,438.73	162.74	1,441.91	0.00	0.00	0.00
11,300.00	90.00	359.95	9,529.00	1,538.73	162.65	1,541.88	0.00	0.00	0.00
11,400.00	90.00	359.95	9,529.00	1,638.73	162.56	1,641.86	0.00	0.00	0.00
11,500.00	90.00	359.95	9,529.00	1,738.73	162.46	1,741.83	0.00	0.00	0.00
11,600.00	90.00	359.95	9,529.00	1,838.73	162.37	1,841.81	0.00	0.00	0.00
11,700.00	90.00	359.95	9,529.00	1,938.73	162.28	1,941.78	0.00	0.00	0.00
11,800.00	90.00	359.95	9,529.00	2,038.73	162.18	2,041.76	0.00	0.00	0.00
11,900.00	90.00	359.95	9,529.00	2,138.73	162.09	2,141.73	0.00	0.00	0.00
12,000.00	90.00	359.95	9,529.00	2,238.73	161.99	2,241.71	0.00	0.00	0.00
12,100.00	90.00	359.95	9,529.00	2,338.73	161.90	2,341.68	0.00	0.00	0.00
12,200.00	90.00	359.95	9,529.00	2,438.73	161.81	2,441.66	0.00	0.00	0.00
12,300.00	90.00	359.95	9,529.00	2,538.73	161.71	2,541.63	0.00	0.00	0.00
12,400.00	90.00	359.95	9,529.00	2,638.73	161.62	2,641.61	0.00	0.00	0.00
12,500.00	90.00	359.95	9,529.00	2,738.73	161.52	2,741.58	0.00	0.00	0.00
12,600.00	90.00	359.95	9,529.00	2,838.73	161.43	2,841.56	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 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:	114H	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)
12,700.00	90.00	359.95	9,529.00	2,938.73	161.34	2,941.53	0.00	0.00	0.00
12,800.00	90.00	359.95	9,529.00	3,038.73	161.24	3,041.50	0.00	0.00	0.00
12,900.00	90.00	359.95	9,529.00	3,138.73	161.15	3,141.48	0.00	0.00	0.00
13,000.00	90.00	359.95	9,529.00	3,238.73	161.05	3,241.45	0.00	0.00	0.00
13,100.00	90.00	359.95	9,529.00	3,338.73	160.96	3,341.43	0.00	0.00	0.00
13,200.00	90.00	359.95	9,529.00	3,438.73	160.87	3,441.40	0.00	0.00	0.00
13,300.00	90.00	359.95	9,529.00	3,538.73	160.77	3,541.38	0.00	0.00	0.00
13,400.00	90.00	359.95	9,529.00	3,638.73	160.68	3,641.35	0.00	0.00	0.00
13,500.00	90.00	359.95	9,529.00	3,738.73	160.59	3,741.33	0.00	0.00	0.00
13,600.00	90.00	359.95	9,529.00	3,838.73	160.49	3,841.30	0.00	0.00	0.00
13,700.00	90.00	359.95	9,529.00	3,938.73	160.40	3,941.28	0.00	0.00	0.00
13,800.00	90.00	359.95	9,529.00	4,038.73	160.30	4,041.25	0.00	0.00	0.00
13,900.00	90.00	359.95	9,529.00	4,138.73	160.21	4,141.23	0.00	0.00	0.00
14,000.00	90.00	359.95	9,529.00	4,238.73	160.12	4,241.20	0.00	0.00	0.00
14,100.00	90.00	359.95	9,529.00	4,338.73	160.02	4,341.17	0.00	0.00	0.00
14,200.00	90.00	359.95	9,529.00	4,438.73	159.93	4,441.15	0.00	0.00	0.00
14,300.00	90.00	359.95	9,529.00	4,538.73	159.83	4,541.12	0.00	0.00	0.00
14,400.00	90.00	359.95	9,529.00	4,638.73	159.74	4,641.10	0.00	0.00	0.00
14,500.00	90.00	359.95	9,529.00	4,738.73	159.65	4,741.07	0.00	0.00	0.00
14,600.00	90.00	359.95	9,529.00	4,838.73	159.55	4,841.05	0.00	0.00	0.00
14,700.00	90.00	359.95	9,529.00	4,938.73	159.46	4,941.02	0.00	0.00	0.00
14,800.00	90.00	359.95	9,529.00	5,038.73	159.37	5,041.00	0.00	0.00	0.00
14,900.00	90.00	359.95	9,529.00	5,138.73	159.27	5,140.97	0.00	0.00	0.00
15,000.00	90.00	359.95	9,529.00	5,238.73	159.18	5,240.95	0.00	0.00	0.00
15,100.00	90.00	359.95	9,529.00	5,338.73	159.08	5,340.92	0.00	0.00	0.00
15,200.00	90.00	359.95	9,529.00	5,438.73	158.99	5,440.90	0.00	0.00	0.00
15,300.00	90.00	359.95	9,529.00	5,538.73	158.90	5,540.87	0.00	0.00	0.00
15,400.00	90.00	359.95	9,529.00	5,638.73	158.80	5,640.85	0.00	0.00	0.00
15,500.00	90.00	359.95	9,529.00	5,738.73	158.71	5,740.82	0.00	0.00	0.00
15,600.00	90.00	359.95	9,529.00	5,838.73	158.61	5,840.79	0.00	0.00	0.00
15,700.00	90.00	359.95	9,529.00	5,938.73	158.52	5,940.77	0.00	0.00	0.00
15,800.00	90.00	359.95	9,529.00	6,038.73	158.43	6,040.74	0.00	0.00	0.00
15,900.00	90.00	359.95	9,529.00	6,138.73	158.33	6,140.72	0.00	0.00	0.00
16,000.00	90.00	359.95	9,529.00	6,238.73	158.24	6,240.69	0.00	0.00	0.00
16,100.00	90.00	359.95	9,529.00	6,338.73	158.15	6,340.67	0.00	0.00	0.00
16,200.00	90.00	359.95	9,529.00	6,438.73	158.05	6,440.64	0.00	0.00	0.00
16,300.00	90.00	359.95	9,529.00	6,538.73	157.96	6,540.62	0.00	0.00	0.00
16,400.00	90.00	359.95	9,529.00	6,638.73	157.86	6,640.59	0.00	0.00	0.00
16,500.00	90.00	359.95	9,529.00	6,738.73	157.77	6,740.57	0.00	0.00	0.00
16,600.00	90.00	359.95	9,529.00	6,838.73	157.68	6,840.54	0.00	0.00	0.00
16,700.00	90.00	359.95	9,529.00	6,938.73	157.58	6,940.52	0.00	0.00	0.00
16,800.00	90.00	359.95	9,529.00	7,038.73	157.49	7,040.49	0.00	0.00	0.00
16,900.00	90.00	359.95	9,529.00	7,138.73	157.39	7,140.46	0.00	0.00	0.00
17,000.00	90.00	359.95	9,529.00	7,238.73	157.30	7,240.44	0.00	0.00	0.00
17,046.26	90.00	359.95	9,529.00	7,284.99	157.26	7,286.69	0.00	0.00	0.00
TD at 17046.26									



Planning Report



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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:	114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 03-30-22		

Design Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
FTP - Juliet Federal C	0.00	0.00	9,529.00	-430.08	164.50	11,687,655.97	2,117,035.34	32° 11' 19.701925 N	3° 27' 32.040853 W
- plan misses target center by 216.38usft at 9445.60usft MD (9379.10 TVD, -274.03 N, 164.35 E)									
- Point									
BHL - Juliet Federal C	0.00	359.95	9,529.00	7,284.99	157.26	11,695,369.07	2,116,917.58	32° 12' 36.044158 N	3° 27' 32.124466 W
- plan hits target center									
- Rectangle (sides W0.00 H7,715.08 D20.00)									

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)			
5,390.77	5,357.70	Lamar			
5,462.78	5,429.70	Bell Canyon			
6,362.78	6,329.70	Cherry Canyon			
6,580.78	6,547.70	Manzanita Lime			
7,917.78	7,884.70	Brushy Canyon			
9,316.83	9,274.70	Bone Spring Lime			
9,340.91	9,295.70	Avalon			
9,721.65	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
2,999.97	2,994.90	-80.62	32.81	Hold 10.00° Inc at 157.85° Azm
4,510.11	4,482.10	-323.50	131.66	Begin 1.00°/100' Drop
5,510.08	5,477.00	-404.12	164.47	Begin Vertical Hold
9,084.61	9,051.54	-404.12	164.47	KOP2, Begin 12.00°/100' Build
9,834.61	9,529.00	73.35	164.03	LP, Hold 90.00° Inc at 359.95° Azm
17,046.26	9,529.00	7,284.99	157.26	TD at 17046.26

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 129729

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 129729
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	8/3/2022