

Well Name: ROMEO FEDERAL COM	Well Location: T24S / R34E / SEC 27 / SWNW /	County or Parish/State:
Well Number: 112H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77090	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550262	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2683371

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 07/22/2022	Time Sundry Submitted: 09:25
Date proposed operation will begin: 01/01/2023	

Procedure Description: Centennial Resource Production, LLC request to move the original BHL 220' to the East. The new BHL will be 100' FNL & 1210' FEL. Please see attached updated well plat and directional plans to reflect this change.

NOI Attachments

Procedure Description

Romeo_Federal_Com_112H_Sundry_Attachments_20220722092206.pdf

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Well Number: 112H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77090	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550262	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: JUL 22, 2022 09:20 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: 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	

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 30-025-50262		² Pool Code 96434	³ Pool Name Ojo Chiso, Bone Spring	
⁴ Property Code 318027	⁵ Property Name ROME0 FEDERAL COM			⁶ Well Number 112H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC			⁹ Elevation 3464.4'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	24S	34E		2298	NORTH	540	WEST	LEA

" Bottom Hole Location If Different From Surface

UL or lot no. D	Section 22	Township 24S	Range 34E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 1210	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.

16

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S70°27'45"E	711.76'

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°11'22.09" (32.189470°)
LONGITUDE = 103°27'52.63" (103.464620°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 433749.21' X: 810077.50'
UTM, NAD 83 (ZONE 13)
Y: 11687872.29' X: 2115262.74'

NAD 83 (PP/FTP)
LATITUDE = 32°11'19.71" (32.188809°)
LONGITUDE = 103°27'44.84" (103.462455°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 433514.03' X: 810749.17'
UTM, NAD 83 (ZONE 13)
Y: 11687641.31' X: 2115935.76'

NAD 83 (LTP/BHL)
LATITUDE = 32°12'36.06" (32.210015°)
LONGITUDE = 103°27'44.93" (103.462479°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 441228.80' X: 810679.24'
UTM, NAD 83 (ZONE 13)
Y: 11695354.47' X: 2115818.00'

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)

Legend:

- = 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.)

SCALE
DRAWN BY: R.S. 09-09-19
REV: 3 T.J.S. 06-17-22 (BHL MOVE)

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] 7/21/22
Signature Date

Meghan Twele
Printed Name

meghan.twele@cdevinc.com
E-mail Address

18 SURVEYOR CERTIFICATION

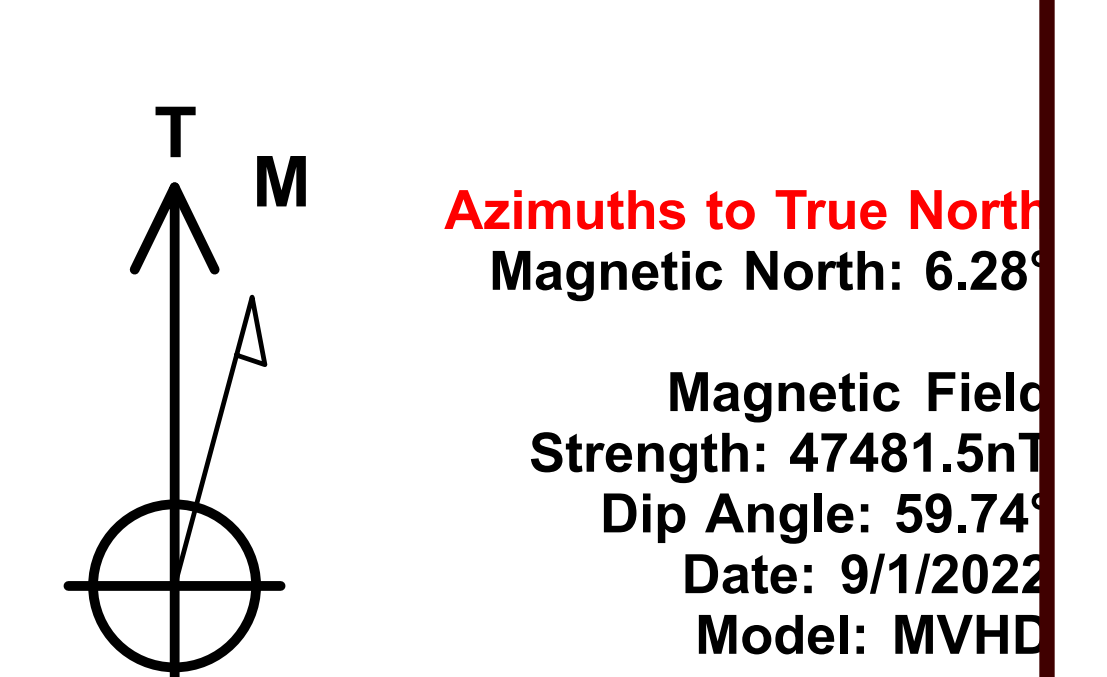
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JULY 01, 2020
Date of Survey

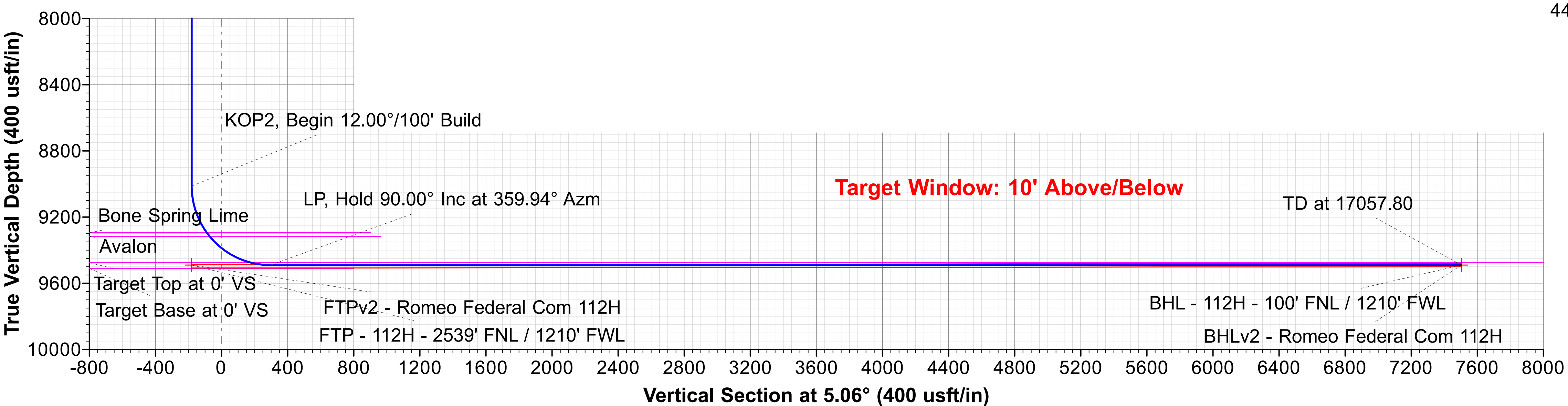
Signature and Seal of Professional Surveyor:

[Red Circular Seal: PAUL BUCHELE, NEW MEXICO, 23782, 06-17-22, PROFESSIONAL SURVEYOR]

Certificate Number:

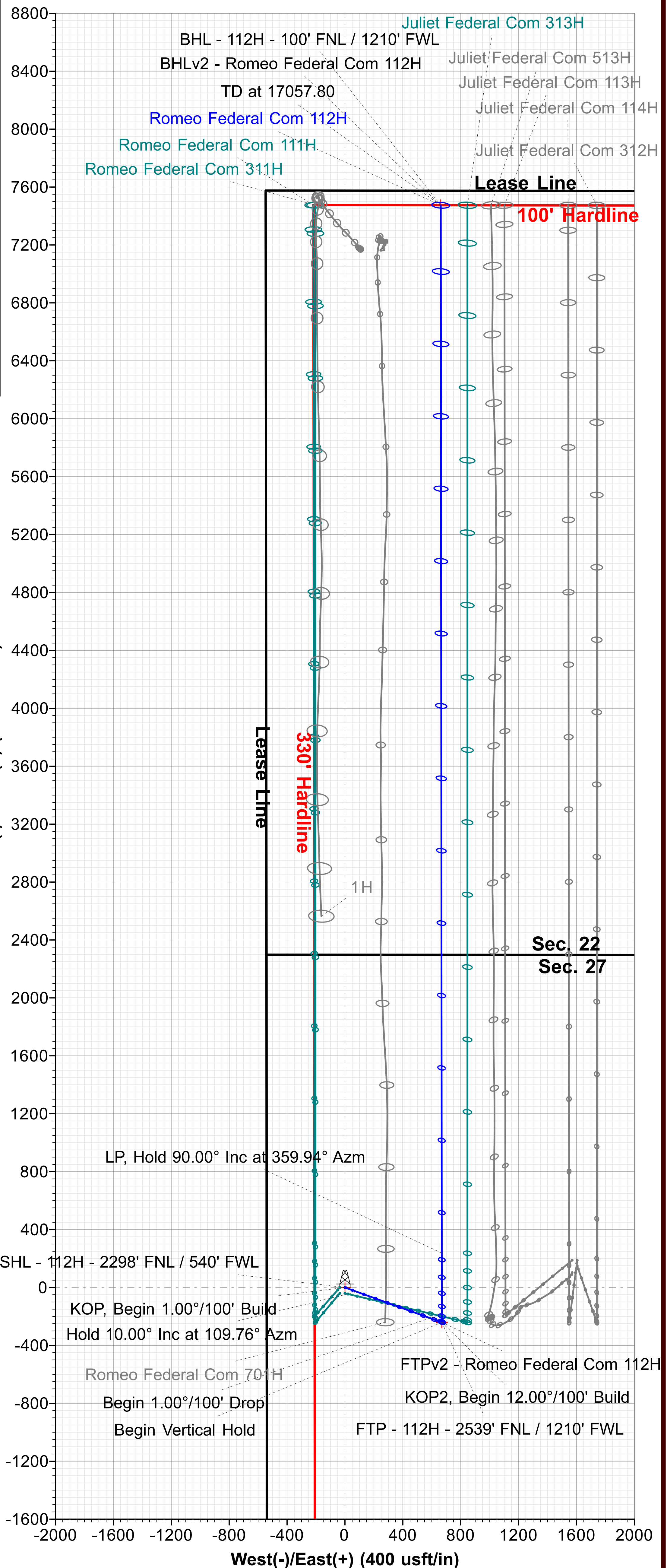
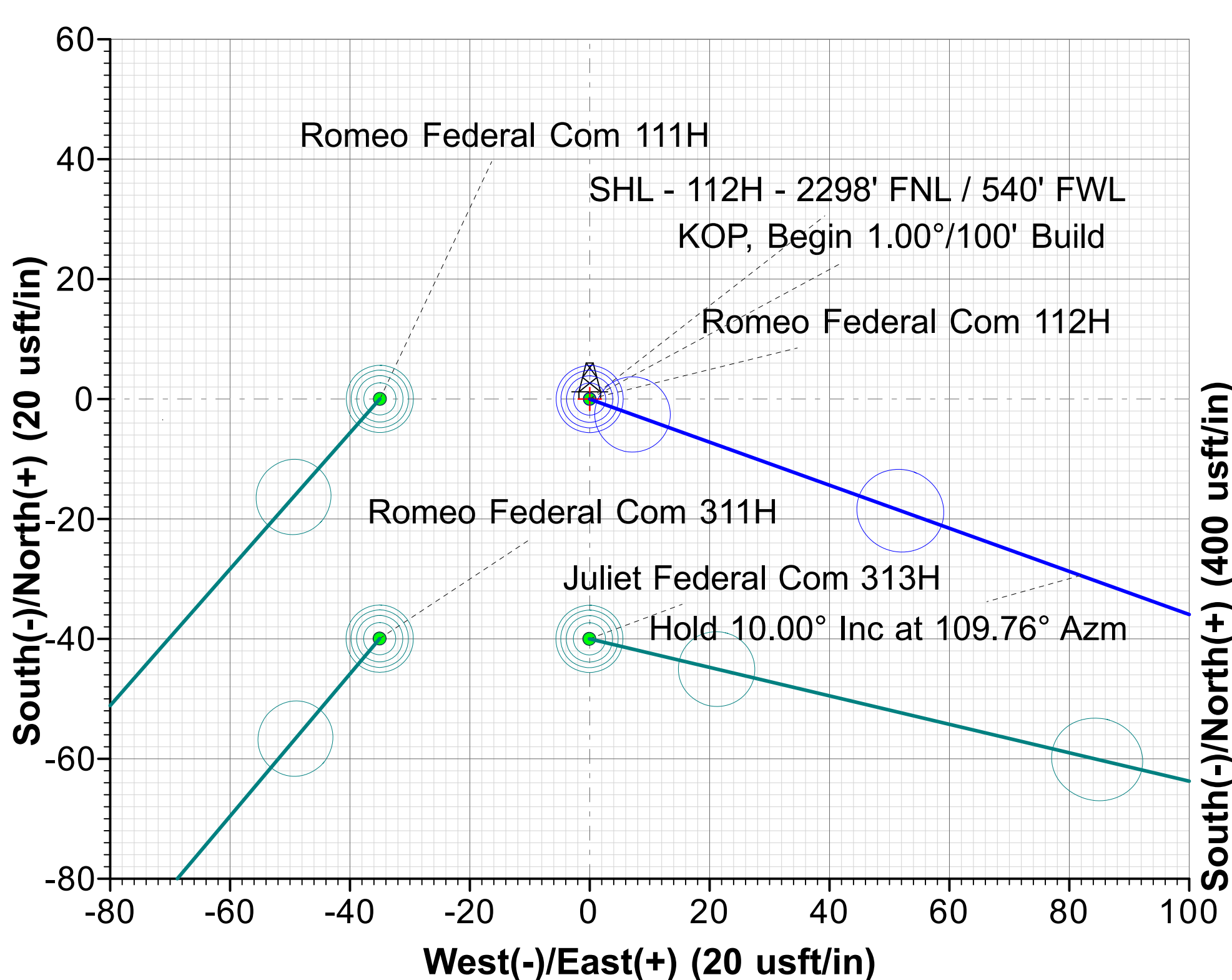


Ground Level: 3464 40



LEGEND

	Juliet Federal Com 114H, OH, Plan 2 07-01-22 V0
	Juliet Federal Com 312H, OH, Plan 1 03-30-22 V0
	Romeo Federal Com 701H, OH / 67471, Surveys (H&P 313) V0
	Romeo Federal Com 111H, OH, Plan 1 04-06-22 V0
	Romeo Federal Com 311H, OH, Plan 1 04-06-22 V0
	Juliet Federal Com 513H, OH / 68319, Surveys (H&P 313) V0
	Juliet Federal Com 313H, OH, Plan 1 04-06-22 V0
	Juliet Federal Com 113H, OH, Plan 1 03-30-22 V0
	1H, OH, Surveys V0
	Plan 2 07-01-22





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Romeo Federal Com
Romeo Federal Com 112H**

OH

Plan: Plan 2 07-01-22

Standard Planning Report

01 July, 2022





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Romeo Federal Com 112H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3490.40usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3490.40usft (TBD)
Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	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		Romeo Federal Com			
Site Position:		Northing:	11,695,049.42 usft	Latitude:	32° 12' 33.091838 N
From:	Map	Easting:	2,115,429.74 usft	Longitude:	103° 27' 49.495142 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Romeo Federal Com 112H					
Well Position	+N/-S	-7,175.02 usft	Northing:	11,687,872.29 usft	Latitude:	32° 11' 22.093473 N
	+E/-W	-269.62 usft	Easting:	2,115,262.74 usft	Longitude:	103° 27' 52.632042 W
Position Uncertainty		1.00 usft	Wellhead Elevation:		Ground Level:	3,464.40 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	9/1/2022	6.285	59.735	47,481.48704858

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	5.06

Plan Survey Tool Program	Date	7/1/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,057.80	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	0.000	
2,205.00	0.00	0.00	2,205.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,205.00	10.00	109.76	3,199.93	-29.43	81.92	1.00	1.00	0.00	109.760	
6,300.70	10.00	109.76	6,248.61	-211.17	587.83	0.00	0.00	0.00	0.000	
7,300.70	0.00	0.00	7,243.54	-240.60	669.75	1.00	-1.00	0.00	180.000	
9,070.11	0.00	0.00	9,012.94	-240.60	669.75	0.00	0.00	0.00	0.000	
9,820.11	90.00	359.94	9,490.41	236.86	669.28	12.00	12.00	-0.01	359.943	
17,057.80	90.00	359.94	9,490.40	7,474.55	662.13	0.00	0.00	0.00	0.000	BHLv2 - Romeo Fe



Planning Report



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Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3490.40usft (TBD)
Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	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
1,098.40	0.00	0.00	1,098.40	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,717.40	0.00	0.00	1,717.40	0.00	0.00	0.00	0.00	0.00	0.00
Salado									
2,205.00	0.00	0.00	2,205.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 1.00°/100' Build									
2,300.00	0.95	109.76	2,300.00	-0.27	0.74	-0.20	1.00	1.00	0.00
2,400.00	1.95	109.76	2,399.96	-1.12	3.12	-0.84	1.00	1.00	0.00
2,500.00	2.95	109.76	2,499.87	-2.57	7.15	-1.93	1.00	1.00	0.00
2,600.00	3.95	109.76	2,599.69	-4.60	12.81	-3.45	1.00	1.00	0.00
2,700.00	4.95	109.76	2,699.38	-7.22	20.11	-5.42	1.00	1.00	0.00
2,800.00	5.95	109.76	2,798.93	-10.44	29.05	-7.83	1.00	1.00	0.00
2,900.00	6.95	109.76	2,898.30	-14.23	39.62	-10.68	1.00	1.00	0.00
3,000.00	7.95	109.76	2,997.45	-18.62	51.82	-13.97	1.00	1.00	0.00
3,100.00	8.95	109.76	3,096.36	-23.59	65.65	-17.70	1.00	1.00	0.00
3,200.00	9.95	109.76	3,195.01	-29.14	81.10	-21.87	1.00	1.00	0.00
3,205.00	10.00	109.76	3,199.93	-29.43	81.92	-22.09	1.00	1.00	0.00
Hold 10.00° Inc at 109.76° Azm									
3,300.00	10.00	109.76	3,293.49	-35.01	97.44	-26.27	0.00	0.00	0.00
3,400.00	10.00	109.76	3,391.97	-40.88	113.79	-30.68	0.00	0.00	0.00
3,500.00	10.00	109.76	3,490.45	-46.75	130.13	-35.08	0.00	0.00	0.00
3,600.00	10.00	109.76	3,588.93	-52.62	146.47	-39.49	0.00	0.00	0.00
3,700.00	10.00	109.76	3,687.41	-58.49	162.81	-43.89	0.00	0.00	0.00
3,773.10	10.00	109.76	3,759.40	-62.78	174.76	-47.12	0.00	0.00	0.00
BX BLM (Fletcher Anhydrite)									
3,800.00	10.00	109.76	3,785.89	-64.36	179.16	-48.30	0.00	0.00	0.00
3,900.00	10.00	109.76	3,884.37	-70.23	195.50	-52.71	0.00	0.00	0.00
4,000.00	10.00	109.76	3,982.85	-76.10	211.84	-57.11	0.00	0.00	0.00
4,100.00	10.00	109.76	4,081.33	-81.97	228.18	-61.52	0.00	0.00	0.00
4,200.00	10.00	109.76	4,179.81	-87.84	244.53	-65.92	0.00	0.00	0.00
4,300.00	10.00	109.76	4,278.30	-93.71	260.87	-70.33	0.00	0.00	0.00
4,400.00	10.00	109.76	4,376.78	-99.58	277.21	-74.74	0.00	0.00	0.00
4,500.00	10.00	109.76	4,475.26	-105.46	293.55	-79.14	0.00	0.00	0.00
4,600.00	10.00	109.76	4,573.74	-111.33	309.89	-83.55	0.00	0.00	0.00
4,700.00	10.00	109.76	4,672.22	-117.20	326.24	-87.95	0.00	0.00	0.00
4,800.00	10.00	109.76	4,770.70	-123.07	342.58	-92.36	0.00	0.00	0.00
4,900.00	10.00	109.76	4,869.18	-128.94	358.92	-96.76	0.00	0.00	0.00
5,000.00	10.00	109.76	4,967.66	-134.81	375.26	-101.17	0.00	0.00	0.00
5,100.00	10.00	109.76	5,066.14	-140.68	391.61	-105.58	0.00	0.00	0.00
5,200.00	10.00	109.76	5,164.62	-146.55	407.95	-109.98	0.00	0.00	0.00
5,300.00	10.00	109.76	5,263.10	-152.42	424.29	-114.39	0.00	0.00	0.00
5,400.00	10.00	109.76	5,361.58	-158.29	440.63	-118.79	0.00	0.00	0.00
5,417.08	10.00	109.76	5,378.40	-159.30	443.42	-119.55	0.00	0.00	0.00
Lamar									
5,490.19	10.00	109.76	5,450.40	-163.59	455.37	-122.77	0.00	0.00	0.00
Bell Canyon									
5,500.00	10.00	109.76	5,460.06	-164.16	456.98	-123.20	0.00	0.00	0.00
5,600.00	10.00	109.76	5,558.55	-170.03	473.32	-127.61	0.00	0.00	0.00
5,700.00	10.00	109.76	5,657.03	-175.91	489.66	-132.01	0.00	0.00	0.00
5,800.00	10.00	109.76	5,755.51	-181.78	506.00	-136.42	0.00	0.00	0.00
5,900.00	10.00	109.76	5,853.99	-187.65	522.34	-140.82	0.00	0.00	0.00
6,000.00	10.00	109.76	5,952.47	-193.52	538.69	-145.23	0.00	0.00	0.00



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Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	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)
6,100.00	10.00	109.76	6,050.95	-199.39	555.03	-149.64	0.00	0.00	0.00
6,200.00	10.00	109.76	6,149.43	-205.26	571.37	-154.04	0.00	0.00	0.00
6,300.00	10.00	109.76	6,247.91	-211.13	587.71	-158.45	0.00	0.00	0.00
6,300.70	10.00	109.76	6,248.61	-211.17	587.83	-158.48	0.00	0.00	0.00
Begin 1.00°/100' Drop									
6,400.00	9.01	109.76	6,346.54	-216.71	603.26	-162.64	1.00	-1.00	0.00
6,403.91	8.97	109.76	6,350.40	-216.92	603.83	-162.79	1.00	-1.00	0.00
Cherry Canyon									
6,500.00	8.01	109.76	6,445.43	-221.72	617.18	-166.39	1.00	-1.00	0.00
6,600.00	7.01	109.76	6,544.58	-226.13	629.47	-169.71	1.00	-1.00	0.00
6,624.00	6.77	109.76	6,568.40	-227.11	632.18	-170.44	1.00	-1.00	0.00
Manzanita Lime									
6,700.00	6.01	109.76	6,643.93	-229.96	640.14	-172.58	1.00	-1.00	0.00
6,800.00	5.01	109.76	6,743.47	-233.21	649.17	-175.02	1.00	-1.00	0.00
6,900.00	4.01	109.76	6,843.16	-235.87	656.57	-177.01	1.00	-1.00	0.00
7,000.00	3.01	109.76	6,942.97	-237.93	662.32	-178.56	1.00	-1.00	0.00
7,100.00	2.01	109.76	7,042.87	-239.41	666.44	-179.67	1.00	-1.00	0.00
7,200.00	1.01	109.76	7,142.84	-240.30	668.92	-180.34	1.00	-1.00	0.00
7,300.00	0.01	109.76	7,242.83	-240.60	669.75	-180.56	1.00	-1.00	0.00
7,300.70	0.00	0.00	7,243.54	-240.60	669.75	-180.56	1.00	-1.00	0.00
Begin Vertical Hold									
7,962.57	0.00	0.00	7,905.40	-240.60	669.75	-180.56	0.00	0.00	0.00
Brushy Canyon									
9,070.11	0.00	0.00	9,012.94	-240.60	669.75	-180.56	0.00	0.00	0.00
KOP2, Begin 12.00°/100' Build									
9,100.00	3.59	359.94	9,042.81	-239.67	669.75	-179.63	12.00	12.00	0.00
9,200.00	15.59	359.94	9,141.23	-223.04	669.73	-163.07	12.00	12.00	0.00
9,300.00	27.59	359.94	9,234.05	-186.32	669.69	-126.50	12.00	12.00	0.00
9,372.35	36.27	359.94	9,295.40	-148.09	669.66	-88.42	12.00	12.00	0.00
Bone Spring Lime									
9,398.96	39.46	359.94	9,316.40	-131.76	669.64	-72.16	12.00	12.00	0.00
Avalon									
9,400.00	39.59	359.94	9,317.20	-131.10	669.64	-71.50	12.00	12.00	0.00
9,500.00	51.59	359.94	9,387.06	-59.80	669.57	-0.48	12.00	12.00	0.00
9,600.00	63.59	359.94	9,440.56	24.47	669.49	83.45	12.00	12.00	0.00
9,700.00	75.59	359.94	9,475.38	118.02	669.39	176.62	12.00	12.00	0.00
9,704.18	76.09	359.94	9,476.40	122.07	669.39	180.66	12.00	12.00	0.00
Target Top at 0' VS									
9,800.00	87.59	359.94	9,489.98	216.76	669.30	274.97	12.00	12.00	0.00
9,820.11	90.00	359.94	9,490.41	236.86	669.28	295.00	12.00	12.00	0.00
LP, Hold 90.00° Inc at 359.94° Azm									
9,900.00	90.00	359.94	9,490.40	316.76	669.20	374.57	0.00	0.00	0.00
10,000.00	90.00	359.94	9,490.40	416.75	669.10	474.17	0.00	0.00	0.00
10,100.00	90.00	359.94	9,490.40	516.75	669.00	573.77	0.00	0.00	0.00
10,200.00	90.00	359.94	9,490.40	616.75	668.90	673.37	0.00	0.00	0.00
10,300.00	90.00	359.94	9,490.40	716.75	668.80	772.97	0.00	0.00	0.00
10,400.00	90.00	359.94	9,490.40	816.75	668.70	872.57	0.00	0.00	0.00
10,500.00	90.00	359.94	9,490.40	916.75	668.61	972.18	0.00	0.00	0.00
10,600.00	90.00	359.94	9,490.40	1,016.75	668.51	1,071.78	0.00	0.00	0.00
10,700.00	90.00	359.94	9,490.40	1,116.75	668.41	1,171.38	0.00	0.00	0.00
10,800.00	90.00	359.94	9,490.40	1,216.75	668.31	1,270.98	0.00	0.00	0.00
10,900.00	90.00	359.94	9,490.40	1,316.75	668.21	1,370.58	0.00	0.00	0.00
11,000.00	90.00	359.94	9,490.40	1,416.75	668.11	1,470.18	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Romeo Federal Com 112H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3490.40usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3490.40usft (TBD)
Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	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)
11,100.00	90.00	359.94	9,490.40	1,516.75	668.01	1,569.78	0.00	0.00	0.00
11,200.00	90.00	359.94	9,490.40	1,616.75	667.91	1,669.38	0.00	0.00	0.00
11,300.00	90.00	359.94	9,490.40	1,716.75	667.82	1,768.99	0.00	0.00	0.00
11,400.00	90.00	359.94	9,490.40	1,816.75	667.72	1,868.59	0.00	0.00	0.00
11,500.00	90.00	359.94	9,490.40	1,916.75	667.62	1,968.19	0.00	0.00	0.00
11,600.00	90.00	359.94	9,490.40	2,016.75	667.52	2,067.79	0.00	0.00	0.00
11,700.00	90.00	359.94	9,490.40	2,116.75	667.42	2,167.39	0.00	0.00	0.00
11,800.00	90.00	359.94	9,490.40	2,216.75	667.32	2,266.99	0.00	0.00	0.00
11,900.00	90.00	359.94	9,490.40	2,316.75	667.22	2,366.59	0.00	0.00	0.00
12,000.00	90.00	359.94	9,490.40	2,416.75	667.13	2,466.19	0.00	0.00	0.00
12,100.00	90.00	359.94	9,490.40	2,516.75	667.03	2,565.79	0.00	0.00	0.00
12,200.00	90.00	359.94	9,490.40	2,616.75	666.93	2,665.40	0.00	0.00	0.00
12,300.00	90.00	359.94	9,490.40	2,716.75	666.83	2,765.00	0.00	0.00	0.00
12,400.00	90.00	359.94	9,490.40	2,816.75	666.73	2,864.60	0.00	0.00	0.00
12,500.00	90.00	359.94	9,490.40	2,916.75	666.63	2,964.20	0.00	0.00	0.00
12,600.00	90.00	359.94	9,490.40	3,016.75	666.53	3,063.80	0.00	0.00	0.00
12,700.00	90.00	359.94	9,490.40	3,116.75	666.43	3,163.40	0.00	0.00	0.00
12,800.00	90.00	359.94	9,490.40	3,216.75	666.34	3,263.00	0.00	0.00	0.00
12,900.00	90.00	359.94	9,490.40	3,316.75	666.24	3,362.60	0.00	0.00	0.00
13,000.00	90.00	359.94	9,490.40	3,416.75	666.14	3,462.21	0.00	0.00	0.00
13,100.00	90.00	359.94	9,490.40	3,516.75	666.04	3,561.81	0.00	0.00	0.00
13,200.00	90.00	359.94	9,490.40	3,616.75	665.94	3,661.41	0.00	0.00	0.00
13,300.00	90.00	359.94	9,490.40	3,716.75	665.84	3,761.01	0.00	0.00	0.00
13,400.00	90.00	359.94	9,490.40	3,816.75	665.74	3,860.61	0.00	0.00	0.00
13,500.00	90.00	359.94	9,490.40	3,916.75	665.64	3,960.21	0.00	0.00	0.00
13,600.00	90.00	359.94	9,490.40	4,016.75	665.55	4,059.81	0.00	0.00	0.00
13,700.00	90.00	359.94	9,490.40	4,116.75	665.45	4,159.41	0.00	0.00	0.00
13,800.00	90.00	359.94	9,490.40	4,216.75	665.35	4,259.01	0.00	0.00	0.00
13,900.00	90.00	359.94	9,490.40	4,316.75	665.25	4,358.62	0.00	0.00	0.00
14,000.00	90.00	359.94	9,490.40	4,416.75	665.15	4,458.22	0.00	0.00	0.00
14,100.00	90.00	359.94	9,490.40	4,516.75	665.05	4,557.82	0.00	0.00	0.00
14,200.00	90.00	359.94	9,490.40	4,616.75	664.95	4,657.42	0.00	0.00	0.00
14,300.00	90.00	359.94	9,490.40	4,716.75	664.85	4,757.02	0.00	0.00	0.00
14,400.00	90.00	359.94	9,490.40	4,816.75	664.76	4,856.62	0.00	0.00	0.00
14,500.00	90.00	359.94	9,490.40	4,916.75	664.66	4,956.22	0.00	0.00	0.00
14,600.00	90.00	359.94	9,490.40	5,016.75	664.56	5,055.82	0.00	0.00	0.00
14,700.00	90.00	359.94	9,490.40	5,116.75	664.46	5,155.43	0.00	0.00	0.00
14,800.00	90.00	359.94	9,490.40	5,216.75	664.36	5,255.03	0.00	0.00	0.00
14,900.00	90.00	359.94	9,490.40	5,316.75	664.26	5,354.63	0.00	0.00	0.00
15,000.00	90.00	359.94	9,490.40	5,416.75	664.16	5,454.23	0.00	0.00	0.00
15,100.00	90.00	359.94	9,490.40	5,516.75	664.07	5,553.83	0.00	0.00	0.00
15,200.00	90.00	359.94	9,490.40	5,616.75	663.97	5,653.43	0.00	0.00	0.00
15,300.00	90.00	359.94	9,490.40	5,716.75	663.87	5,753.03	0.00	0.00	0.00
15,400.00	90.00	359.94	9,490.40	5,816.75	663.77	5,852.63	0.00	0.00	0.00
15,500.00	90.00	359.94	9,490.40	5,916.75	663.67	5,952.23	0.00	0.00	0.00
15,600.00	90.00	359.94	9,490.40	6,016.75	663.57	6,051.84	0.00	0.00	0.00
15,700.00	90.00	359.94	9,490.40	6,116.75	663.47	6,151.44	0.00	0.00	0.00
15,800.00	90.00	359.94	9,490.40	6,216.75	663.37	6,251.04	0.00	0.00	0.00
15,900.00	90.00	359.94	9,490.40	6,316.75	663.28	6,350.64	0.00	0.00	0.00
16,000.00	90.00	359.94	9,490.40	6,416.75	663.18	6,450.24	0.00	0.00	0.00
16,100.00	90.00	359.94	9,490.40	6,516.75	663.08	6,549.84	0.00	0.00	0.00
16,200.00	90.00	359.94	9,490.40	6,616.75	662.98	6,649.44	0.00	0.00	0.00
16,300.00	90.00	359.94	9,490.40	6,716.75	662.88	6,749.04	0.00	0.00	0.00
16,400.00	90.00	359.94	9,490.40	6,816.75	662.78	6,848.65	0.00	0.00	0.00



Planning Report



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Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3490.40usft (TBD)
Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	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)	
16,500.00	90.00	359.94	9,490.40	6,916.75	662.68	6,948.25	0.00	0.00	0.00	
16,600.00	90.00	359.94	9,490.40	7,016.75	662.58	7,047.85	0.00	0.00	0.00	
16,700.00	90.00	359.94	9,490.40	7,116.75	662.49	7,147.45	0.00	0.00	0.00	
16,800.00	90.00	359.94	9,490.40	7,216.75	662.39	7,247.05	0.00	0.00	0.00	
16,900.00	90.00	359.94	9,490.40	7,316.75	662.29	7,346.65	0.00	0.00	0.00	
17,000.00	90.00	359.94	9,490.40	7,416.75	662.19	7,446.25	0.00	0.00	0.00	
17,057.80	90.00	359.94	9,490.40	7,474.55	662.13	7,503.82	0.00	0.00	0.00	
TD at 17057.80										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL - 112H - 2298' FNI - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	11,687,872.29	2,115,262.74	32° 11' 22.093473 N	3° 27' 52.632042 W	
FTPv2 - Romeo Fede - plan misses target center by 197.78usft at 9443.07usft MD (9349.11 TVD, -102.19 N, 669.61 E) - Point	0.00	0.00	9,490.40	-240.60	669.75	11,687,641.31	2,115,935.76	32° 11' 19.712622 N	3° 27' 44.838716 W	
BHL - 112H - 100' FNI - plan hits target center - Point	359.94	0.00	9,490.40	7,474.55	662.13	11,695,354.47	2,115,818.00	12° 12' 36.055537 N	3° 27' 44.925289 W	
BHLv2 - Romeo Fede - plan hits target center - Rectangle (sides W0.00 H7,715.17 D20.00)	359.94	0.00	9,490.40	7,474.55	662.13	11,695,354.47	2,115,818.00	12° 12' 36.055537 N	3° 27' 44.925289 W	
FTP - 112H - 2539' FNI - plan misses target center by 197.78usft at 9443.07usft MD (9349.11 TVD, -102.19 N, 669.61 E) - Point	0.00	0.00	9,490.40	-240.60	669.75	11,687,641.31	2,115,935.76	32° 11' 19.712622 N	3° 27' 44.838716 W	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,098.40	1,098.40	Rustler				
1,717.40	1,717.40	Salado				
3,773.10	3,759.40	BX BLM (Fletcher Anhydrite)				
5,417.08	5,378.40	Lamar				
5,490.19	5,450.40	Bell Canyon				
6,403.91	6,350.40	Cherry Canyon				
6,624.00	6,568.40	Manzanita Lime				
7,962.57	7,905.40	Brushy Canyon				
9,372.35	9,295.40	Bone Spring Lime				
9,398.96	9,316.40	Avalon				
9,704.18	9,476.40	Target Top at 0' VS				



Planning Report



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Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3490.40usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3490.40usft (TBD)
Site:	Romeo Federal Com	North Reference:	True
Well:	Romeo Federal Com 112H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-01-22		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,205.00	2,205.00	0.00	0.00	KOP, Begin 1.00°/100' Build
3,205.00	3,199.93	-29.43	81.92	Hold 10.00° Inc at 109.76° Azm
6,300.70	6,248.61	-211.17	587.83	Begin 1.00°/100' Drop
7,300.70	7,243.54	-240.60	669.75	Begin Vertical Hold
9,070.11	9,012.94	-240.60	669.75	KOP2, Begin 12.00°/100' Build
9,820.11	9,490.41	236.86	669.28	LP, Hold 90.00° Inc at 359.94° Azm
17,057.80	9,490.40	7,474.55	662.13	TD at 17057.80

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 164001

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 164001
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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