

Well Name: MOZZARELLA FEDERAL COM	Well Location: T22S / R32E / SEC 8 / NENW / 32.410758 / -103.698379	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131588	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546742	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 04/19/2021

Time Sundry Submitted: 10:57

Date proposed operation will begin: 04/19/2021

Procedure Description: This well's name change was approved on 12/31/20 to the Mozzarella Fed Com 602H. We are respectful requesting a SHL move. Old SHL 954 FNL & 2159 FWL to New SHL 954 FNL & 2149 FWL. New Directional survey attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Mozzarella_Fed_Com_602H_C102H_Revised_20210419105608.pdf

Mozzarella_Fed_Com_602H__Plan_1_01_25_21_20210419105607.pdf

MOZZARELLA_FED_COM_602H__ANTICOLLISION_REPORT_20210419105607.pdf

Received by OCD: 4/19/2021 1:30:17 PM

Page 2 of 16

Well Name: MOZZARELLA FEDERAL COM	Well Location: T22S / R32E / SEC 8 / NENW / 32.410758 / -103.698379	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131588	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546742	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Conditions of Approval

Additional Reviews

APD_COAs_20210419121232.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KANICIA SCHLICHTING	Signed on: APR 19, 2021 10:57 AM
Name: CENTENNIAL RESOURCE PRODUCTION LLC	
Title: Sr. Regulatory Analyst	
Street Address: 1001 17th Street, Suite 1800	
City: Denver	State: CO
Phone: (720) 499-1537	
Email address: Kanicia.schlichting@cdevinc.com	

Field Representative

Representative Name: Kanicia Schlichting	
Street Address: 1001 17th Street, Suite 1800	
City: Denver	State: CO
Phone: (720)499-1537	Zip: 80202
Email address: kanicia.schlichting@cdevinc.com	

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: 04/19/2021
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 30-025-46742	² Pool Code 5695	³ Pool Name Bilbrey Basin; Bone Spring
⁴ Property Code	⁵ Property Name MOZZARELLA FED COM	⁶ Well Number 602H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3704.0'

¹⁰Surface Location

UL or lot no. C	Section 8	Township 22S	Range 32E	Lot Idn	Feet from the 954	North/South line NORTH	Feet from the 2149	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

" Bottom Hole Location If Different From Surface

UL or lot no. C	Section 32	Township 21S	Range 32E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 1730	East/West line WEST	County LEA
¹² Dedicated Acres 639.34		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	N21°55'12"W	1132.30'

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)

NAD 83 (SURFACE HOLE LOCATION)

LATITUDE = 32°24'38.73" (32.410758°)
LONGITUDE = 103°41'54.28" (103.698412°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 513746.77' X: 737274.85'
UTM, NAD 83 (ZONE 13)
Y: 11767403.52' X: 2041975.04'

NAD 83 (PP/FTP)

LATITUDE = 32°24'49.13" (32.413646°)
LONGITUDE = 103°41'59.19" (103.699775°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 514795.22' X: 736847.81'
UTM, NAD 83 (ZONE 13)
Y: 11768449.12' X: 2041541.54'

NAD 83 (PENETRATION POINT 2)

LATITUDE = 32°25'14.27" (32.420630°)
LONGITUDE = 103°41'59.22" (103.699783°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 517335.95' X: 736830.46'
UTM, NAD 83 (ZONE 13)
Y: 11770989.26' X: 2041508.35'

NAD 83 (LTP/BHL)

LATITUDE = 32°26'31.59" (32.442109°)
LONGITUDE = 103°41'59.30" (103.699805°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 525150.04' X: 736777.10'
UTM, NAD 83 (ZONE 13)
Y: 11778801.55' X: 2041406.23'

SCALE

DRAWN BY: C.M.T. 03-19-19

REV: 6 C.D. 01-15-21

(SHL MOVE)

- = SURFACE HOLE LOCATION
- ◆ = PENETRATION POINT/
FIRST TAKE POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED

The survey plat shows three sections: 32, 5, and 8. Section 32 is at the top, section 5 is in the middle, and section 8 is at the bottom. The plat includes bearings and distances for section corners. A line table is provided in the top left. The locations for a surface hole (SHL), penetration point (PP), and last take point (LTP) are marked. The SHL is located in section 5, and the PP is located in section 5. The LTP is located in section 32. The plat also shows the location of the section corners.

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

Date

Printed Name

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.

February 07, 2019

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

NEW MEXICO

LEA

MOZZARELLA

*****MOZZARELLA FED COM 602H**

MOZZARELLA FED COM 602H

PWP0

Anticollision Summary Report

23 October, 2020

Centennial Resource Development

Anticollision Summary Report

Company:	NEW MEXICO	Local Co-ordinate Reference:	Well ***MOZZARELLA FED COM 602H
Project:	LEA	TVD Reference:	RKB=3704+26 @ 3730.0usft
Reference Site:	MOZZARELLA	MD Reference:	RKB=3704+26 @ 3730.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	***MOZZARELLA FED COM 602H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	MOZZARELLA FED COM 602H	Database:	Compass
Reference Design:	PWP0	Offset TVD Reference:	Offset Datum

Reference	PWP0
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum centre distance of 1,000.0usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Pedal Curve
Casing Method:	Not applied

Survey Tool Program		Date	10/23/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	22,449.8	PWP0 (MOZZARELLA FED COM 602H)	MWD+IFR1+MS	OWSG_Rev2_ MWD + IFR1 + Multi-Station Correction	

Summary							
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning	
Offset Well - Wellbore - Design							
CHEDDAR							
BILBREY BASIN 5 STATE COM 1H - BILBREY BASIN 5 S						Out of range	
CHEDDAR 3BS FEDERAL COM 1H - CHEDDAR 3BS FE						Out of range	
MOZZARELLA							
***MOZZARELLA FED COM 603H - MOZZARELLA FED	2,000.0	1,998.7	30.0	16.1	2.161	CC, ES	
***MOZZARELLA FED COM 603H - MOZZARELLA FED	2,100.0	2,098.4	31.1	16.5	2.128	SF	
DR AWKWARD 17-8 FED COM 312H (OXY) - PLAN #1 -						Out of range	
DR. AWKWARD 17-8 FED COM 13H (OXY) - PLAN #1 -	9,324.4	19,281.6	546.6	348.9	2.764	CC, ES, SF	
DR. AWKWARD 17-8 FED COM 14H (OXY) - PLAN #1 -						Out of range	
DR. AWKWARD 17-8 FED COM 23H (OXY) - PLAN #1 -	10,742.3	20,732.8	571.2	366.9	2.796	CC, ES, SF	
DR. AWKWARD 17-8 FED COM 24H (OXY) - PLAN #1 -						Out of range	
DR. AWKWARD 17-8 FED COM 2H (OXY) - PLAN #1 - P	9,990.8	19,929.3	519.7	316.6	2.559	CC, ES	
DR. AWKWARD 17-8 FED COM 2H (OXY) - PLAN #1 - P	10,000.0	19,929.3	519.8	316.7	2.559	SF	
DR. AWKWARD 17-8 FED COM 72H (OXY) - PLAN #1 -	11,219.6	21,154.5	520.4	313.6	2.517	CC, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Centennial Resource Development

Anticollision Summary Report

Company:	NEW MEXICO	Local Co-ordinate Reference:	Well ***MOZZARELLA FED COM 602H
Project:	LEA	TVD Reference:	RKB=3704+26 @ 3730.0usft
Reference Site:	MOZZARELLA	MD Reference:	RKB=3704+26 @ 3730.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	***MOZZARELLA FED COM 602H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	MOZZARELLA FED COM 602H	Database:	Compass
Reference Design:	PWP0	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=3704+26 @ 3730.0usft

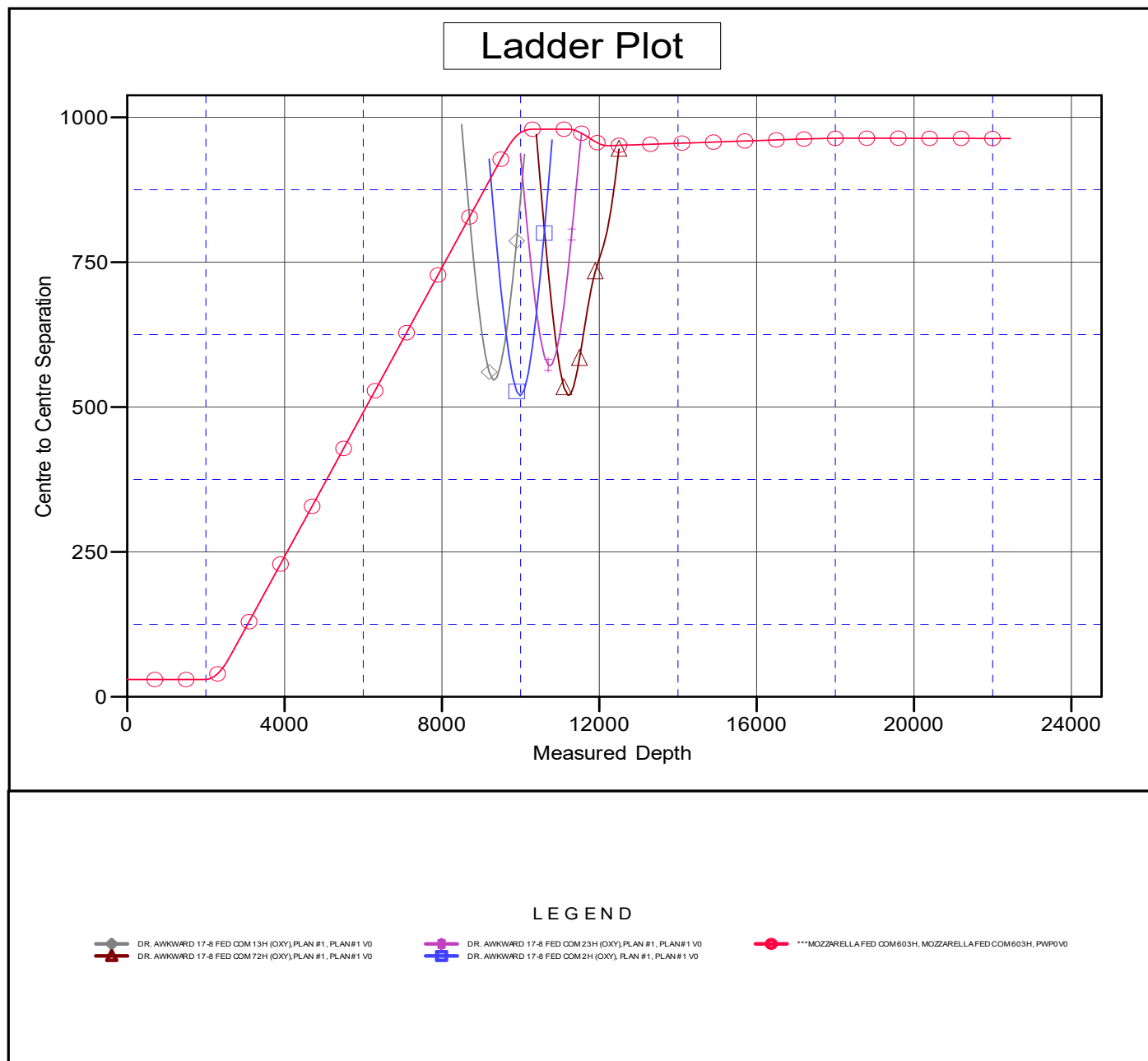
Offset Depths are relative to Offset Datum

Central Meridian is 105° 0' 0.000 W

Coordinates are relative to: ***MOZZARELLA FED COM 602H

Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 13N

Grid Convergence at Surface is: 0.70°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Centennial Resource Development

Anticollision Summary Report

Company:	NEW MEXICO	Local Co-ordinate Reference:	Well ***MOZZARELLA FED COM 602H
Project:	LEA	TVD Reference:	RKB=3704+26 @ 3730.0usft
Reference Site:	MOZZARELLA	MD Reference:	RKB=3704+26 @ 3730.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	***MOZZARELLA FED COM 602H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	MOZZARELLA FED COM 602H	Database:	Compass
Reference Design:	PWP0	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=3704+26 @ 3730.0usft

Offset Depths are relative to Offset Datum

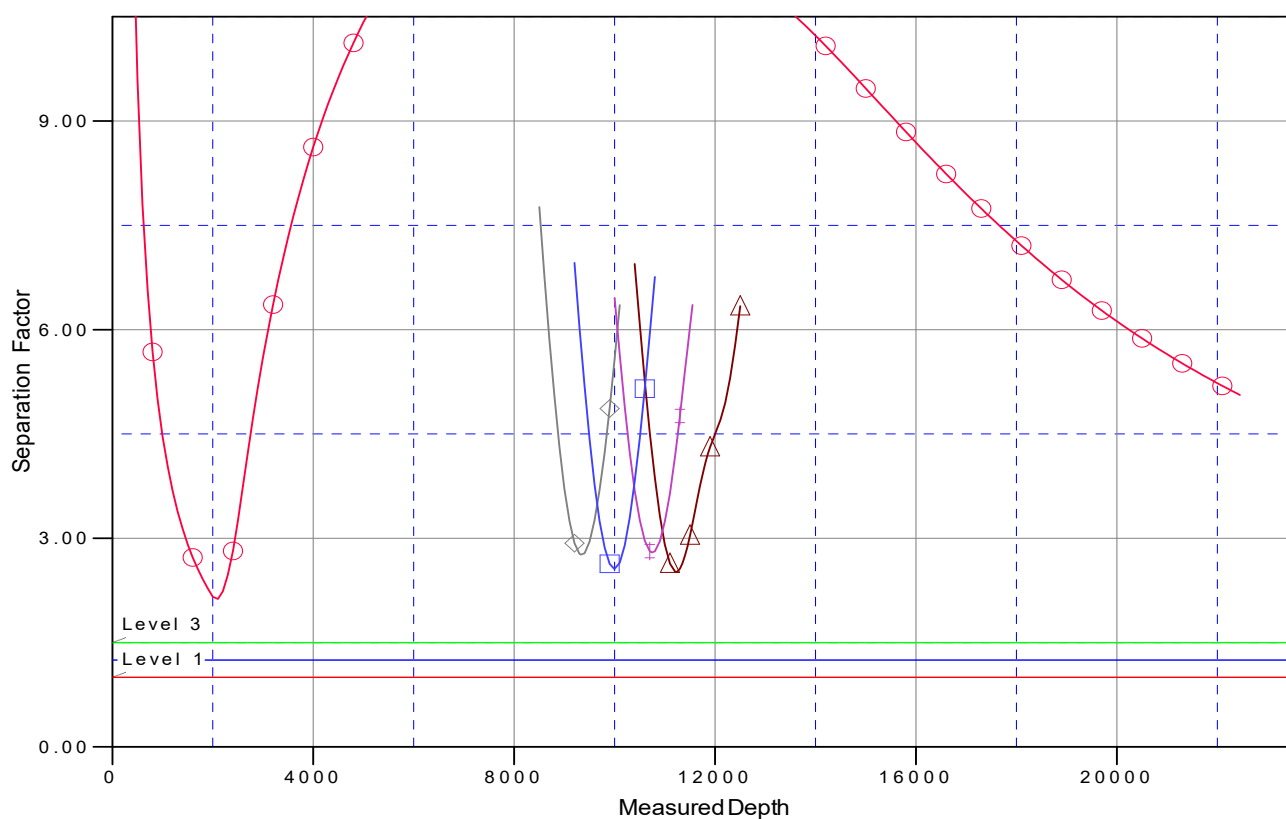
Central Meridian is 105° 0' 0.000 W

Coordinates are relative to: ***MOZZARELLA FED COM 602H

Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 13N

Grid Convergence at Surface is: 0.70°

Separation Factor Plot



LEGEND

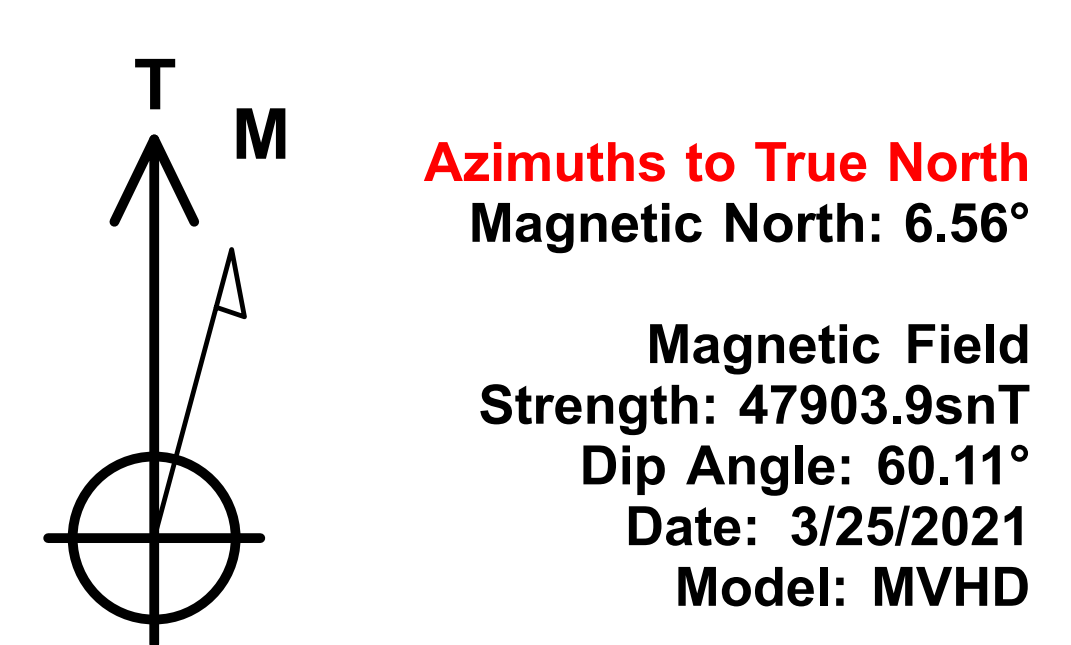
DR, AWKWRD 17-8 FED COM 13H (OXY), PLAN #1, PLAN#1 V0
 DR, AWKWRD 17-8 FED COM 72H (OXY), PLAN #1, PLAN#1 V0

DR, AWKWRD 17-8 FED COM 23H (OXY), PLAN #1, PLAN#1 V0
 DR, AWKWRD 17-8 FED COM 2H (OXY), PLAN #1, PLAN#1 V0

***MOZZARELLA FED COM 603H, MOZZARELLA FED COM 603H, PWP0 V0



Received by OCD: 4/19/2021 1:30:17 PM





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Mozzarella Fed Com
602H**

OH

Plan: Plan 1 01-25-21

Standard Planning Report

25 January, 2021





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

Project	Lea County, NM (NAD83 - UTM Zone 13)		
Map System:	Universal Transverse Mercator (US Survey Feet)	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	Mozzarella Fed Com		
Site Position:		Northing:	11,767,403.52 usft
From:	Map	Easting:	2,041,975.04 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 24' 38.727161 N
		Longitude:	103° 41' 54.282146 W

Well	602H		
Well Position	+N/-S	0.00 usft	Northing: 11,767,403.52 usft
	+E/-W	0.00 usft	Easting: 2,041,975.04 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	Ground Level: 3,704.00 usft
			Latitude: 32° 24' 38.727161 N
			Longitude: 103° 41' 54.282146 W

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	3/25/2021	6.56
			Dip Angle (°) 60.11
			Field Strength (nT) 47,903.86300997

Design	Plan 1 01-25-21		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 357.84

Plan Survey Tool Program	Date	1/25/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	22,459.73	Plan 1 01-25-21 (OH)	MWD+IFR1+MS
				OWSG MWD + IFR1 + Multi-St

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	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,499.73	5.00	318.68	2,499.09	16.36	-14.38	1.00	1.00	0.00	318.68	
9,307.42	5.00	318.68	9,280.91	461.71	-405.93	0.00	0.00	0.00	0.00	
9,807.14	0.00	0.00	9,780.00	478.07	-420.31	1.00	-1.00	0.00	180.00	
11,204.18	0.00	0.00	11,177.04	478.07	-420.31	0.00	0.00	0.00	0.00	
12,104.18	90.00	359.95	11,750.00	1,051.03	-420.82	10.00	10.00	-0.01	359.95	
22,459.73	90.00	359.95	11,750.00	11,406.57	-430.05	0.00	0.00	0.00	0.00	BHL - Mozzarella Fed



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

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
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	318.68	2,099.99	0.66	-0.58	0.68	1.00	1.00	0.00
2,200.00	2.00	318.68	2,199.96	2.62	-2.30	2.71	1.00	1.00	0.00
2,300.00	3.00	318.68	2,299.86	5.90	-5.18	6.09	1.00	1.00	0.00
2,400.00	4.00	318.68	2,399.68	10.48	-9.22	10.82	1.00	1.00	0.00
2,499.73	5.00	318.68	2,499.09	16.36	-14.38	16.89	1.00	1.00	0.00
Hold 5.00° Inc at 318.68° Azm									
2,500.00	5.00	318.68	2,499.37	16.37	-14.40	16.91	0.00	0.00	0.00
2,600.00	5.00	318.68	2,598.99	22.92	-20.15	23.66	0.00	0.00	0.00
2,700.00	5.00	318.68	2,698.61	29.46	-25.90	30.41	0.00	0.00	0.00
2,800.00	5.00	318.68	2,798.23	36.00	-31.65	37.17	0.00	0.00	0.00
2,900.00	5.00	318.68	2,897.85	42.54	-37.40	43.92	0.00	0.00	0.00
3,000.00	5.00	318.68	2,997.47	49.08	-43.15	50.68	0.00	0.00	0.00
3,100.00	5.00	318.68	3,097.09	55.63	-48.91	57.43	0.00	0.00	0.00
3,200.00	5.00	318.68	3,196.70	62.17	-54.66	64.18	0.00	0.00	0.00
3,300.00	5.00	318.68	3,296.32	68.71	-60.41	70.94	0.00	0.00	0.00
3,400.00	5.00	318.68	3,395.94	75.25	-66.16	77.69	0.00	0.00	0.00
3,500.00	5.00	318.68	3,495.56	81.79	-71.91	84.45	0.00	0.00	0.00
3,600.00	5.00	318.68	3,595.18	88.34	-77.66	91.20	0.00	0.00	0.00
3,700.00	5.00	318.68	3,694.80	94.88	-83.41	97.95	0.00	0.00	0.00
3,800.00	5.00	318.68	3,794.42	101.42	-89.17	104.71	0.00	0.00	0.00
3,900.00	5.00	318.68	3,894.04	107.96	-94.92	111.46	0.00	0.00	0.00
4,000.00	5.00	318.68	3,993.66	114.50	-100.67	118.22	0.00	0.00	0.00
4,100.00	5.00	318.68	4,093.28	121.05	-106.42	124.97	0.00	0.00	0.00
4,200.00	5.00	318.68	4,192.90	127.59	-112.17	131.72	0.00	0.00	0.00
4,300.00	5.00	318.68	4,292.52	134.13	-117.92	138.48	0.00	0.00	0.00
4,400.00	5.00	318.68	4,392.14	140.67	-123.68	145.23	0.00	0.00	0.00
4,500.00	5.00	318.68	4,491.76	147.21	-129.43	151.99	0.00	0.00	0.00
4,600.00	5.00	318.68	4,591.38	153.76	-135.18	158.74	0.00	0.00	0.00
4,700.00	5.00	318.68	4,691.00	160.30	-140.93	165.49	0.00	0.00	0.00
4,800.00	5.00	318.68	4,790.62	166.84	-146.68	172.25	0.00	0.00	0.00
4,900.00	5.00	318.68	4,890.24	173.38	-152.43	179.00	0.00	0.00	0.00
5,000.00	5.00	318.68	4,989.86	179.92	-158.19	185.76	0.00	0.00	0.00
5,100.00	5.00	318.68	5,089.48	186.47	-163.94	192.51	0.00	0.00	0.00
5,200.00	5.00	318.68	5,189.10	193.01	-169.69	199.26	0.00	0.00	0.00
5,300.00	5.00	318.68	5,288.72	199.55	-175.44	206.02	0.00	0.00	0.00
5,400.00	5.00	318.68	5,388.34	206.09	-181.19	212.77	0.00	0.00	0.00
5,500.00	5.00	318.68	5,487.96	212.63	-186.94	219.53	0.00	0.00	0.00
5,600.00	5.00	318.68	5,587.58	219.18	-192.69	226.28	0.00	0.00	0.00
5,700.00	5.00	318.68	5,687.20	225.72	-198.45	233.03	0.00	0.00	0.00
5,800.00	5.00	318.68	5,786.82	232.26	-204.20	239.79	0.00	0.00	0.00
5,900.00	5.00	318.68	5,886.44	238.80	-209.95	246.54	0.00	0.00	0.00
6,000.00	5.00	318.68	5,986.06	245.34	-215.70	253.30	0.00	0.00	0.00
6,100.00	5.00	318.68	6,085.68	251.89	-221.45	260.05	0.00	0.00	0.00
6,200.00	5.00	318.68	6,185.30	258.43	-227.20	266.80	0.00	0.00	0.00
6,300.00	5.00	318.68	6,284.92	264.97	-232.96	273.56	0.00	0.00	0.00
6,400.00	5.00	318.68	6,384.54	271.51	-238.71	280.31	0.00	0.00	0.00
6,500.00	5.00	318.68	6,484.16	278.05	-244.46	287.07	0.00	0.00	0.00
6,600.00	5.00	318.68	6,583.78	284.60	-250.21	293.82	0.00	0.00	0.00
6,700.00	5.00	318.68	6,683.40	291.14	-255.96	300.57	0.00	0.00	0.00
6,800.00	5.00	318.68	6,783.02	297.68	-261.71	307.33	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

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)
6,900.00	5.00	318.68	6,882.64	304.22	-267.47	314.08	0.00	0.00	0.00
7,000.00	5.00	318.68	6,982.26	310.76	-273.22	320.84	0.00	0.00	0.00
7,100.00	5.00	318.68	7,081.88	317.31	-278.97	327.59	0.00	0.00	0.00
7,200.00	5.00	318.68	7,181.50	323.85	-284.72	334.34	0.00	0.00	0.00
7,300.00	5.00	318.68	7,281.12	330.39	-290.47	341.10	0.00	0.00	0.00
7,400.00	5.00	318.68	7,380.74	336.93	-296.22	347.85	0.00	0.00	0.00
7,500.00	5.00	318.68	7,480.36	343.47	-301.97	354.61	0.00	0.00	0.00
7,600.00	5.00	318.68	7,579.98	350.01	-307.73	361.36	0.00	0.00	0.00
7,700.00	5.00	318.68	7,679.60	356.56	-313.48	368.11	0.00	0.00	0.00
7,800.00	5.00	318.68	7,779.22	363.10	-319.23	374.87	0.00	0.00	0.00
7,900.00	5.00	318.68	7,878.84	369.64	-324.98	381.62	0.00	0.00	0.00
8,000.00	5.00	318.68	7,978.46	376.18	-330.73	388.38	0.00	0.00	0.00
8,100.00	5.00	318.68	8,078.08	382.72	-336.48	395.13	0.00	0.00	0.00
8,200.00	5.00	318.68	8,177.70	389.27	-342.24	401.88	0.00	0.00	0.00
8,300.00	5.00	318.68	8,277.32	395.81	-347.99	408.64	0.00	0.00	0.00
8,400.00	5.00	318.68	8,376.94	402.35	-353.74	415.39	0.00	0.00	0.00
8,500.00	5.00	318.68	8,476.56	408.89	-359.49	422.15	0.00	0.00	0.00
8,600.00	5.00	318.68	8,576.18	415.43	-365.24	428.90	0.00	0.00	0.00
8,700.00	5.00	318.68	8,675.80	421.98	-370.99	435.65	0.00	0.00	0.00
8,800.00	5.00	318.68	8,775.42	428.52	-376.75	442.41	0.00	0.00	0.00
8,900.00	5.00	318.68	8,875.04	435.06	-382.50	449.16	0.00	0.00	0.00
9,000.00	5.00	318.68	8,974.66	441.60	-388.25	455.92	0.00	0.00	0.00
9,100.00	5.00	318.68	9,074.28	448.14	-394.00	462.67	0.00	0.00	0.00
9,200.00	5.00	318.68	9,173.90	454.69	-399.75	469.42	0.00	0.00	0.00
9,300.00	5.00	318.68	9,273.52	461.23	-405.50	476.18	0.00	0.00	0.00
9,307.42	5.00	318.68	9,280.91	461.71	-405.93	476.68	0.00	0.00	0.00
Begin 1.00°/100' Drop									
9,400.00	4.07	318.68	9,373.20	467.21	-410.76	482.35	1.00	-1.00	0.00
9,500.00	3.07	318.68	9,473.00	471.89	-414.88	487.18	1.00	-1.00	0.00
9,600.00	2.07	318.68	9,572.90	475.26	-417.84	490.66	1.00	-1.00	0.00
9,700.00	1.07	318.68	9,672.86	477.32	-419.65	492.79	1.00	-1.00	0.00
9,800.00	0.07	318.68	9,772.86	478.07	-420.31	493.56	1.00	-1.00	0.00
9,807.14	0.00	0.00	9,780.00	478.07	-420.31	493.57	1.00	-1.00	0.00
Begin Vertical Hold									
11,204.18	0.00	0.00	11,177.04	478.07	-420.31	493.57	0.00	0.00	0.00
KOP2, Begin 10.00°/100' Build									
11,300.00	9.58	359.95	11,272.41	486.06	-420.32	501.55	10.00	10.00	0.00
11,400.00	19.58	359.95	11,369.07	511.21	-420.34	526.68	10.00	10.00	0.00
11,500.00	29.58	359.95	11,459.89	552.75	-420.38	568.20	10.00	10.00	0.00
11,600.00	39.58	359.95	11,542.12	609.44	-420.43	624.85	10.00	10.00	0.00
11,700.00	49.58	359.95	11,613.25	679.54	-420.49	694.90	10.00	10.00	0.00
11,800.00	59.58	359.95	11,671.13	760.93	-420.56	776.24	10.00	10.00	0.00
11,900.00	69.58	359.95	11,714.00	851.14	-420.64	866.38	10.00	10.00	0.00
12,000.00	79.58	359.95	11,740.55	947.42	-420.73	962.60	10.00	10.00	0.00
12,100.00	89.58	359.95	11,749.98	1,046.84	-420.82	1,061.96	10.00	10.00	0.00
12,104.18	90.00	359.95	11,750.00	1,051.03	-420.82	1,066.14	10.00	10.00	0.00
LP, Hold 90.00° Inc at 359.95° Azm									
12,200.00	90.00	359.95	11,750.00	1,146.84	-420.91	1,161.89	0.00	0.00	0.00
12,300.00	90.00	359.95	11,750.00	1,246.84	-421.00	1,261.82	0.00	0.00	0.00
12,400.00	90.00	359.95	11,750.00	1,346.84	-421.08	1,361.75	0.00	0.00	0.00
12,500.00	90.00	359.95	11,750.00	1,446.84	-421.17	1,461.68	0.00	0.00	0.00
12,600.00	90.00	359.95	11,750.00	1,546.84	-421.26	1,561.62	0.00	0.00	0.00
12,700.00	90.00	359.95	11,750.00	1,646.84	-421.35	1,661.55	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

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)	
12,800.00	90.00	359.95	11,750.00	1,746.84	-421.44	1,761.48	0.00	0.00	0.00	
12,900.00	90.00	359.95	11,750.00	1,846.84	-421.53	1,861.41	0.00	0.00	0.00	
13,000.00	90.00	359.95	11,750.00	1,946.84	-421.62	1,961.35	0.00	0.00	0.00	
13,100.00	90.00	359.95	11,750.00	2,046.84	-421.71	2,061.28	0.00	0.00	0.00	
13,200.00	90.00	359.95	11,750.00	2,146.84	-421.80	2,161.21	0.00	0.00	0.00	
13,300.00	90.00	359.95	11,750.00	2,246.84	-421.89	2,261.14	0.00	0.00	0.00	
13,400.00	90.00	359.95	11,750.00	2,346.84	-421.98	2,361.08	0.00	0.00	0.00	
13,500.00	90.00	359.95	11,750.00	2,446.84	-422.07	2,461.01	0.00	0.00	0.00	
13,600.00	90.00	359.95	11,750.00	2,546.84	-422.15	2,560.94	0.00	0.00	0.00	
13,700.00	90.00	359.95	11,750.00	2,646.84	-422.24	2,660.87	0.00	0.00	0.00	
13,800.00	90.00	359.95	11,750.00	2,746.84	-422.33	2,760.80	0.00	0.00	0.00	
13,900.00	90.00	359.95	11,750.00	2,846.84	-422.42	2,860.74	0.00	0.00	0.00	
14,000.00	90.00	359.95	11,750.00	2,946.84	-422.51	2,960.67	0.00	0.00	0.00	
14,100.00	90.00	359.95	11,750.00	3,046.84	-422.60	3,060.60	0.00	0.00	0.00	
14,200.00	90.00	359.95	11,750.00	3,146.84	-422.69	3,160.53	0.00	0.00	0.00	
14,300.00	90.00	359.95	11,750.00	3,246.84	-422.78	3,260.47	0.00	0.00	0.00	
14,400.00	90.00	359.95	11,750.00	3,346.84	-422.87	3,360.40	0.00	0.00	0.00	
14,500.00	90.00	359.95	11,750.00	3,446.84	-422.96	3,460.33	0.00	0.00	0.00	
14,600.00	90.00	359.95	11,750.00	3,546.84	-423.05	3,560.26	0.00	0.00	0.00	
14,700.00	90.00	359.95	11,750.00	3,646.84	-423.14	3,660.20	0.00	0.00	0.00	
14,800.00	90.00	359.95	11,750.00	3,746.84	-423.22	3,760.13	0.00	0.00	0.00	
14,900.00	90.00	359.95	11,750.00	3,846.84	-423.31	3,860.06	0.00	0.00	0.00	
15,000.00	90.00	359.95	11,750.00	3,946.84	-423.40	3,959.99	0.00	0.00	0.00	
15,100.00	90.00	359.95	11,750.00	4,046.84	-423.49	4,059.92	0.00	0.00	0.00	
15,200.00	90.00	359.95	11,750.00	4,146.84	-423.58	4,159.86	0.00	0.00	0.00	
15,300.00	90.00	359.95	11,750.00	4,246.84	-423.67	4,259.79	0.00	0.00	0.00	
15,400.00	90.00	359.95	11,750.00	4,346.84	-423.76	4,359.72	0.00	0.00	0.00	
15,500.00	90.00	359.95	11,750.00	4,446.84	-423.85	4,459.65	0.00	0.00	0.00	
15,600.00	90.00	359.95	11,750.00	4,546.84	-423.94	4,559.59	0.00	0.00	0.00	
15,700.00	90.00	359.95	11,750.00	4,646.84	-424.03	4,659.52	0.00	0.00	0.00	
15,800.00	90.00	359.95	11,750.00	4,746.84	-424.12	4,759.45	0.00	0.00	0.00	
15,900.00	90.00	359.95	11,750.00	4,846.84	-424.21	4,859.38	0.00	0.00	0.00	
16,000.00	90.00	359.95	11,750.00	4,946.84	-424.29	4,959.32	0.00	0.00	0.00	
16,100.00	90.00	359.95	11,750.00	5,046.84	-424.38	5,059.25	0.00	0.00	0.00	
16,200.00	90.00	359.95	11,750.00	5,146.84	-424.47	5,159.18	0.00	0.00	0.00	
16,300.00	90.00	359.95	11,750.00	5,246.84	-424.56	5,259.11	0.00	0.00	0.00	
16,400.00	90.00	359.95	11,750.00	5,346.84	-424.65	5,359.05	0.00	0.00	0.00	
16,500.00	90.00	359.95	11,750.00	5,446.84	-424.74	5,458.98	0.00	0.00	0.00	
16,600.00	90.00	359.95	11,750.00	5,546.84	-424.83	5,558.91	0.00	0.00	0.00	
16,700.00	90.00	359.95	11,750.00	5,646.84	-424.92	5,658.84	0.00	0.00	0.00	
16,800.00	90.00	359.95	11,750.00	5,746.84	-425.01	5,758.77	0.00	0.00	0.00	
16,900.00	90.00	359.95	11,750.00	5,846.84	-425.10	5,858.71	0.00	0.00	0.00	
17,000.00	90.00	359.95	11,750.00	5,946.84	-425.19	5,958.64	0.00	0.00	0.00	
17,100.00	90.00	359.95	11,750.00	6,046.84	-425.27	6,058.57	0.00	0.00	0.00	
17,200.00	90.00	359.95	11,750.00	6,146.84	-425.36	6,158.50	0.00	0.00	0.00	
17,300.00	90.00	359.95	11,750.00	6,246.84	-425.45	6,258.44	0.00	0.00	0.00	
17,400.00	90.00	359.95	11,750.00	6,346.84	-425.54	6,358.37	0.00	0.00	0.00	
17,500.00	90.00	359.95	11,750.00	6,446.84	-425.63	6,458.30	0.00	0.00	0.00	
17,600.00	90.00	359.95	11,750.00	6,546.84	-425.72	6,558.23	0.00	0.00	0.00	
17,700.00	90.00	359.95	11,750.00	6,646.84	-425.81	6,658.17	0.00	0.00	0.00	
17,800.00	90.00	359.95	11,750.00	6,746.84	-425.90	6,758.10	0.00	0.00	0.00	
17,900.00	90.00	359.95	11,750.00	6,846.84	-425.99	6,858.03	0.00	0.00	0.00	
18,000.00	90.00	359.95	11,750.00	6,946.84	-426.08	6,957.96	0.00	0.00	0.00	
18,100.00	90.00	359.95	11,750.00	7,046.84	-426.17	7,057.89	0.00	0.00	0.00	



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

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)	
18,200.00	90.00	359.95	11,750.00	7,146.84	-426.26	7,157.83	0.00	0.00	0.00	
18,300.00	90.00	359.95	11,750.00	7,246.84	-426.34	7,257.76	0.00	0.00	0.00	
18,400.00	90.00	359.95	11,750.00	7,346.84	-426.43	7,357.69	0.00	0.00	0.00	
18,500.00	90.00	359.95	11,750.00	7,446.84	-426.52	7,457.62	0.00	0.00	0.00	
18,600.00	90.00	359.95	11,750.00	7,546.84	-426.61	7,557.56	0.00	0.00	0.00	
18,700.00	90.00	359.95	11,750.00	7,646.84	-426.70	7,657.49	0.00	0.00	0.00	
18,800.00	90.00	359.95	11,750.00	7,746.84	-426.79	7,757.42	0.00	0.00	0.00	
18,900.00	90.00	359.95	11,750.00	7,846.84	-426.88	7,857.35	0.00	0.00	0.00	
19,000.00	90.00	359.95	11,750.00	7,946.84	-426.97	7,957.29	0.00	0.00	0.00	
19,100.00	90.00	359.95	11,750.00	8,046.84	-427.06	8,057.22	0.00	0.00	0.00	
19,200.00	90.00	359.95	11,750.00	8,146.84	-427.15	8,157.15	0.00	0.00	0.00	
19,300.00	90.00	359.95	11,750.00	8,246.84	-427.24	8,257.08	0.00	0.00	0.00	
19,400.00	90.00	359.95	11,750.00	8,346.84	-427.33	8,357.01	0.00	0.00	0.00	
19,500.00	90.00	359.95	11,750.00	8,446.84	-427.41	8,456.95	0.00	0.00	0.00	
19,600.00	90.00	359.95	11,750.00	8,546.84	-427.50	8,556.88	0.00	0.00	0.00	
19,700.00	90.00	359.95	11,750.00	8,646.84	-427.59	8,656.81	0.00	0.00	0.00	
19,800.00	90.00	359.95	11,750.00	8,746.84	-427.68	8,756.74	0.00	0.00	0.00	
19,900.00	90.00	359.95	11,750.00	8,846.84	-427.77	8,856.68	0.00	0.00	0.00	
20,000.00	90.00	359.95	11,750.00	8,946.84	-427.86	8,956.61	0.00	0.00	0.00	
20,100.00	90.00	359.95	11,750.00	9,046.84	-427.95	9,056.54	0.00	0.00	0.00	
20,200.00	90.00	359.95	11,750.00	9,146.84	-428.04	9,156.47	0.00	0.00	0.00	
20,300.00	90.00	359.95	11,750.00	9,246.84	-428.13	9,256.41	0.00	0.00	0.00	
20,400.00	90.00	359.95	11,750.00	9,346.84	-428.22	9,356.34	0.00	0.00	0.00	
20,500.00	90.00	359.95	11,750.00	9,446.84	-428.31	9,456.27	0.00	0.00	0.00	
20,600.00	90.00	359.95	11,750.00	9,546.84	-428.40	9,556.20	0.00	0.00	0.00	
20,700.00	90.00	359.95	11,750.00	9,646.84	-428.48	9,656.14	0.00	0.00	0.00	
20,800.00	90.00	359.95	11,750.00	9,746.84	-428.57	9,756.07	0.00	0.00	0.00	
20,900.00	90.00	359.95	11,750.00	9,846.84	-428.66	9,856.00	0.00	0.00	0.00	
21,000.00	90.00	359.95	11,750.00	9,946.84	-428.75	9,955.93	0.00	0.00	0.00	
21,100.00	90.00	359.95	11,750.00	10,046.84	-428.84	10,055.86	0.00	0.00	0.00	
21,200.00	90.00	359.95	11,750.00	10,146.84	-428.93	10,155.80	0.00	0.00	0.00	
21,300.00	90.00	359.95	11,750.00	10,246.84	-429.02	10,255.73	0.00	0.00	0.00	
21,400.00	90.00	359.95	11,750.00	10,346.84	-429.11	10,355.66	0.00	0.00	0.00	
21,500.00	90.00	359.95	11,750.00	10,446.84	-429.20	10,455.59	0.00	0.00	0.00	
21,600.00	90.00	359.95	11,750.00	10,546.84	-429.29	10,555.53	0.00	0.00	0.00	
21,700.00	90.00	359.95	11,750.00	10,646.84	-429.38	10,655.46	0.00	0.00	0.00	
21,800.00	90.00	359.95	11,750.00	10,746.84	-429.47	10,755.39	0.00	0.00	0.00	
21,900.00	90.00	359.95	11,750.00	10,846.84	-429.55	10,855.32	0.00	0.00	0.00	
22,000.00	90.00	359.95	11,750.00	10,946.84	-429.64	10,955.26	0.00	0.00	0.00	
22,100.00	90.00	359.95	11,750.00	11,046.84	-429.73	11,055.19	0.00	0.00	0.00	
22,200.00	90.00	359.95	11,750.00	11,146.84	-429.82	11,155.12	0.00	0.00	0.00	
22,300.00	90.00	359.95	11,750.00	11,246.84	-429.91	11,255.05	0.00	0.00	0.00	
22,400.00	90.00	359.95	11,750.00	11,346.84	-430.00	11,354.98	0.00	0.00	0.00	
22,459.73	90.00	359.95	11,750.00	11,406.57	-430.05	11,414.67	0.00	0.00	0.00	
TD at 22459.73										



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3730.00usft (H&P 625)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3730.00usft (H&P 625)
Site:	Mozzarella Fed Com	North Reference:	True
Well:	602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 01-25-21		

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)		
BHL - Mozzarella Fed C	0.00	0.00	11,750.00	11,406.57	-430.05	11,778,801.55	2,041,406.23	32° 26' 31.593426 N	103° 41' 59.299712 W
- plan hits target center									
- Point									
FTP - Mozzarella Fed C	0.00	0.00	11,750.00	1,051.03	-420.82	11,768,449.12	2,041,541.54	32° 24' 49.126919 N	103° 41' 59.191062 W
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
2,000.00	2,000.00	0.00	0.00	KOP, Begin 1.00°/100' Build
2,499.73	2,499.09	16.36	-14.38	Hold 5.00° Inc at 318.68° Azm
9,307.42	9,280.91	461.71	-405.93	Begin 1.00°/100' Drop
9,807.14	9,780.00	478.07	-420.31	Begin Vertical Hold
11,204.18	11,177.04	478.07	-420.31	KOP2, Begin 10.00°/100' Build
12,104.18	11,750.00	1,051.03	-420.82	LP, Hold 90.00° Inc at 359.95° Azm
22,459.73	11,750.00	11,406.57	-430.05	TD at 22459.73

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 24662

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 24662
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/25/2021