

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Centennial Resource Production, LLC 1001 17th Street, Suite 1800 Denver, CO 80202		² OGRID Number 372165
		³ Reason for Filing Code/ Effective Date RT 7/24/21
⁴ API Number 30 - 0 25-46742	⁵ Pool Name Bilbrey Basin; Bone Spring	⁶ Pool Code 5695
⁷ Property Code 326979	⁸ Property Name Mozzarella Federal Com	⁹ Well Number 602H

II. ¹⁰ Surface 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
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¹¹ Bottom Hole Location

UL or lot no. C	Section 32	Township 21S	Range 32E	Lot Idn	Feet from the 135	North/South line North	Feet from the 1736	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/24/21	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Group	G
329971	Oryx Delaware Oil Gathering NM, LLC	O
372603	3Bear Field Services, LLC	O

IV. Well Completion Data

²¹ Spud Date 4/20/21	²² Ready Date 7/24/21	²³ TD 22,487MD/11,687TVd	²⁴ PBTD 22,391	²⁵ Perforations 12,191 - 22,373	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	753		665
12-1/4		9-5/8	5323		980
8-3/4, 8-1/2		5-1/2	22,415		2640
		Request tubing exception			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Kanicia Schlichting			Approved by: KURT SIMMONS		
Title: Sr. Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: kanicia.schlichting@cdevinc.com			Approval Date: 09/07/2021		
Date: 8/04/21		Phone: 720-499-1537	RT C-104 EXPIRES 11/07/2021		

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 Bilbry Basin; Bone Spring
⁴ Property Code 326979	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
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"Bottom Hole Location If Different From Surface

UL or lot no. C	Section 32	Township 21S	Range 32E	Lot Idn	Feet from the 135	North/South line NORTH	Feet from the 1736	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.

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 (AS-DRILLED KOP)
 LATITUDE = 32°24'43.09" (32.411970°)
 LONGITUDE = 103°41'59.47" (103.699852°)
 STATE PLANE NAD 83 (N.M. EAST)
 Y: 514185.13' X: 736827.72'
 UTM, NAD 83 (ZONE 13)
 Y: 11767839.02' X: 2041525.26'

NAD 83 (AS-DRILLED FTP)
 LATITUDE = 32°24'49.41" (32.413725°)
 LONGITUDE = 103°41'59.66" (103.699905°)
 STATE PLANE NAD 83 (N.M. EAST)
 Y: 514823.47' X: 736807.53'
 UTM, NAD 83 (ZONE 13)
 Y: 11768477.11' X: 2041501.09'

NAD 83 (AS-DRILLED LTP)
 LATITUDE = 32°26'30.11" (32.441698°)
 LONGITUDE = 103°41'59.25" (103.699791°)
 STATE PLANE NAD 83 (N.M. EAST)
 Y: 525000.56' X: 736782.43'
 UTM, NAD 83 (ZONE 13)
 Y: 11778652.12' X: 2041412.49'

NAD 83 (AS-DRILLED BHL)
 LATITUDE = 32°26'31.25" (32.442014°)
 LONGITUDE = 103°41'59.23" (103.699787°)
 STATE PLANE NAD 83 (N.M. EAST)
 Y: 525115.55' X: 736782.94'
 UTM, NAD 83 (ZONE 13)
 Y: 11778767.10' X: 2041412.29'

As-Drilled BHL
 11,373' NORTH OF WELL
 444' WEST OF WELL
 M.D. 22,487'
 Inclination 90.2

As-Drilled LTP
 11,258' NORTH OF WELL
 445' WEST OF WELL
 M.D. 22,372'
 Inclination 90.1

As-Drilled FTP
 1,079' NORTH OF WELL
 463' WEST OF WELL
 M.D. 12,191'
 Inclination 92.1

As-Drilled KOP
 440' NORTH OF WELL
 445' WEST OF WELL
 M.D. 11,200'
 Inclination 2.0

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S89°30'51"W	2641.06'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP

SECTION	DISTANCE
SECTION 5	5,147.75'
SECTION 32	5,034.16'
TOTAL	10,181.91'

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] **8/4/21**
 Signature Date

Kanicia Schlichting
 Printed Name

kanicia.schlichting@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.

February 07, 2019
 Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
 NEW MEXICO
 23782
[Signature]
 07-15-21
 PROFESSIONAL SURVEYOR

Certificate Number:

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Wellbore data provided by Centennial Resource Production, LLC.
- As-Drilled well head has not been field verified.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

● = SURFACE HOLE LOCATION
 ◆ = AS-DRILLED TAKE POINT
 ○ = AS-DRILLED BOTTOM HOLE LOCATION
 ▲ = SECTION CORNER LOCATED

SCALE
 DRAWN BY: Z.T. 07-15-21



Centennial Resources Development, Inc.

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

OH / 67730

Survey: Phoenix MWD Surveys

Standard Survey Report

03 May, 2021





Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3729.00usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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	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
		Grid Convergence:	0.70 °

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:	usft
		Latitude:	32° 24' 38.727161 N
		Longitude:	103° 41' 54.282146 W
		Ground Level:	3,704.00 usft

Wellbore	OH / 67730		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	5/19/2021	6.54
			Dip Angle (°) 60.11
			Field Strength (nT) 47,887.75489390

Design	Surveys (H&P 313)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		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

Survey Program	Date	5/3/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
135.00	22,487.00	Phoenix MWD Surveys (OH / 67730)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

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
135.00	0.58	42.14	135.00	0.51	0.46	0.49	0.43	0.43	0.00
First Phoenix MWD Survey									
325.00	0.77	76.42	324.99	1.52	2.34	1.43	0.23	0.10	18.04
420.00	0.74	75.28	419.98	1.83	3.56	1.69	0.04	-0.03	-1.20
515.00	0.86	86.22	514.97	2.03	4.86	1.84	0.20	0.13	11.52
610.00	0.97	85.74	609.96	2.13	6.38	1.89	0.12	0.12	-0.51
693.00	0.98	87.80	692.94	2.21	7.79	1.92	0.04	0.01	2.48
777.00	1.03	95.38	776.93	2.17	9.26	1.82	0.17	0.06	9.02
873.00	0.78	105.75	872.92	1.91	10.74	1.51	0.31	-0.26	10.80
968.00	1.07	114.69	967.91	1.37	12.17	0.91	0.34	0.31	9.41



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
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Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
1,062.00	1.21	111.95	1,061.89	0.63	13.89	0.11	0.16	0.15	-2.91
1,157.00	0.91	113.90	1,156.87	-0.05	15.51	-0.64	0.32	-0.32	2.05
1,252.00	1.41	340.75	1,251.86	0.75	15.81	0.15	2.25	0.53	-140.16
1,347.00	2.08	337.30	1,346.82	3.44	14.76	2.88	0.71	0.71	-3.63
1,442.00	2.04	322.91	1,441.76	6.38	13.08	5.88	0.54	-0.04	-15.15
1,537.00	1.73	331.11	1,536.71	8.98	11.37	8.55	0.43	-0.33	8.63
1,632.00	1.76	329.72	1,631.66	11.50	9.94	11.12	0.05	0.03	-1.46
1,727.00	2.20	328.46	1,726.60	14.31	8.25	13.99	0.47	0.46	-1.33
1,821.00	2.08	334.83	1,820.54	17.39	6.58	17.13	0.28	-0.13	6.78
1,916.00	2.72	317.79	1,915.46	20.62	4.33	20.45	1.00	0.67	-17.94
2,012.00	4.50	314.66	2,011.26	24.96	0.12	24.94	1.86	1.85	-3.26
2,106.00	4.40	315.27	2,104.98	30.11	-5.04	30.28	0.12	-0.11	0.65
2,201.00	4.19	317.65	2,199.71	35.27	-9.94	35.62	0.29	-0.22	2.51
2,295.00	4.16	314.34	2,293.46	40.19	-14.69	40.71	0.26	-0.03	-3.52
2,390.00	5.45	318.19	2,388.13	45.96	-20.17	46.69	1.40	1.36	4.05
2,485.00	6.86	316.01	2,482.58	53.40	-27.11	54.39	1.50	1.48	-2.29
2,579.00	6.51	317.94	2,575.94	61.40	-34.58	62.66	0.44	-0.37	2.05
2,674.00	7.99	313.89	2,670.18	69.98	-42.95	71.54	1.65	1.56	-4.26
2,769.00	9.40	311.89	2,764.08	79.73	-53.48	81.69	1.52	1.48	-2.11
2,959.00	9.66	314.69	2,951.46	101.30	-76.37	104.11	0.28	0.14	1.47
3,054.00	9.71	316.73	3,045.11	112.74	-87.52	115.96	0.37	0.05	2.15
3,244.00	9.90	317.66	3,232.33	136.48	-109.51	140.51	0.13	0.10	0.49
3,339.00	9.35	320.27	3,325.99	148.45	-119.94	152.87	0.74	-0.58	2.75
3,434.00	8.76	321.06	3,419.81	160.02	-129.42	164.78	0.63	-0.62	0.83
3,529.00	8.17	320.80	3,513.78	170.87	-138.23	175.96	0.62	-0.62	-0.27
3,623.00	7.31	323.14	3,606.92	180.84	-146.04	186.21	0.97	-0.91	2.49
3,718.00	7.15	314.38	3,701.17	189.81	-153.89	195.47	1.17	-0.17	-9.22
3,812.00	6.98	308.64	3,794.45	197.46	-162.54	203.45	0.77	-0.18	-6.11
3,907.00	6.57	314.93	3,888.79	204.91	-170.89	211.20	0.89	-0.43	6.62
4,002.00	6.99	313.26	3,983.13	212.71	-178.95	219.30	0.49	0.44	-1.76
4,096.00	6.57	311.45	4,076.47	220.19	-187.15	227.08	0.50	-0.45	-1.93
4,191.00	7.69	308.11	4,170.73	227.71	-196.22	234.94	1.26	1.18	-3.52
4,286.00	6.94	304.69	4,264.96	234.90	-205.94	242.49	0.91	-0.79	-3.60
4,380.00	6.00	309.20	4,358.36	241.23	-214.42	249.14	1.14	-1.00	4.80
4,475.00	6.47	306.28	4,452.80	247.54	-222.58	255.75	0.60	0.49	-3.07
4,570.00	9.18	308.27	4,546.91	255.40	-232.85	264.00	2.87	2.85	2.09
4,665.00	8.92	306.73	4,640.72	264.50	-244.70	273.53	0.37	-0.27	-1.62
4,760.00	8.87	306.88	4,734.58	273.30	-256.46	282.77	0.06	-0.05	0.16
4,854.00	10.46	311.87	4,827.24	283.35	-268.61	293.27	1.91	1.69	5.31
4,949.00	11.13	311.81	4,920.56	295.21	-281.87	305.63	0.71	0.71	-0.06
5,044.00	11.06	313.85	5,013.79	307.64	-295.28	318.55	0.42	-0.07	2.15
5,139.00	10.58	311.98	5,107.10	319.79	-308.33	331.18	0.63	-0.51	-1.97
5,234.00	10.38	310.41	5,200.51	331.17	-321.33	343.04	0.37	-0.21	-1.65



Survey Report



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Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
5,253.00	10.25	310.74	5,219.21	333.38	-323.91	345.35	0.75	-0.68	1.74
5,325.00	10.24	310.36	5,290.06	341.71	-333.64	354.04	0.09	-0.01	-0.53
5,419.00	10.35	308.83	5,382.55	352.41	-346.59	365.22	0.31	0.12	-1.63
5,514.00	9.40	309.62	5,476.14	362.71	-359.21	375.99	1.01	-1.00	0.83
5,609.00	9.20	316.53	5,569.89	373.17	-370.41	386.86	1.19	-0.21	7.27
5,703.00	9.34	315.62	5,662.66	384.07	-380.92	398.16	0.22	0.15	-0.97
5,798.00	9.41	315.78	5,756.40	395.15	-391.73	409.63	0.08	0.07	0.17
5,893.00	9.01	329.07	5,850.18	407.10	-400.97	421.92	2.27	-0.42	13.99
5,988.00	8.94	328.14	5,944.02	419.75	-408.69	434.85	0.17	-0.07	-0.98
6,082.00	8.74	327.77	6,036.90	431.99	-416.35	447.38	0.22	-0.21	-0.39
6,176.00	8.87	336.56	6,129.80	444.68	-423.04	460.31	1.44	0.14	9.35
6,272.00	8.87	326.67	6,224.66	457.66	-430.05	473.54	1.59	0.00	-10.30
6,366.00	8.46	325.05	6,317.58	469.38	-438.00	485.56	0.51	-0.44	-1.72
6,461.00	8.19	324.49	6,411.58	480.62	-445.93	497.08	0.30	-0.28	-0.59
6,556.00	6.59	340.52	6,505.80	491.27	-451.68	507.94	2.73	-1.68	16.87
6,651.00	4.95	329.22	6,600.32	499.93	-455.60	516.74	2.09	-1.73	-11.89
6,745.00	5.31	332.63	6,693.94	507.27	-459.67	524.24	0.50	0.38	3.63
6,840.00	5.09	333.84	6,788.55	514.96	-463.55	532.07	0.26	-0.23	1.27
6,935.00	3.82	315.23	6,883.27	520.99	-467.64	538.25	2.01	-1.34	-19.59
7,029.00	1.13	262.04	6,977.18	523.09	-470.76	540.46	3.48	-2.86	-56.59
7,124.00	0.55	199.38	7,072.17	522.53	-471.84	539.94	1.06	-0.61	-65.96
7,218.00	1.95	148.72	7,166.15	520.73	-471.16	538.12	1.76	1.49	-53.89
7,313.00	2.05	153.38	7,261.09	517.83	-469.56	535.16	0.20	0.11	4.91
7,407.00	2.13	152.81	7,355.03	514.78	-468.01	532.05	0.09	0.09	-0.61
7,502.00	2.29	156.23	7,449.96	511.47	-466.44	528.69	0.22	0.17	3.60
7,597.00	2.37	157.83	7,544.88	507.91	-464.93	525.07	0.11	0.08	1.68
7,692.00	2.70	156.34	7,639.78	504.04	-463.29	521.15	0.35	0.35	-1.57
7,786.00	1.82	127.27	7,733.71	501.11	-461.21	518.14	1.51	-0.94	-30.93
7,880.00	2.05	102.23	7,827.66	499.85	-458.38	516.77	0.92	0.24	-26.64
7,975.00	1.89	111.92	7,922.60	498.91	-455.27	515.71	0.39	-0.17	10.20
8,069.00	2.01	117.14	8,016.55	497.58	-452.36	514.27	0.23	0.13	5.55
8,164.00	2.07	125.04	8,111.49	495.83	-449.48	512.42	0.30	0.06	8.32
8,259.00	0.98	130.87	8,206.46	494.31	-447.46	510.83	1.16	-1.15	6.14
8,354.00	1.99	135.71	8,301.42	492.60	-445.69	509.05	1.07	1.06	5.09
8,448.00	1.99	130.94	8,395.37	490.36	-443.32	506.73	0.18	0.00	-5.07
8,543.00	2.07	133.62	8,490.31	488.10	-440.83	504.37	0.13	0.08	2.82
8,638.00	1.81	140.32	8,585.25	485.76	-438.63	501.95	0.36	-0.27	7.05
8,733.00	2.02	137.30	8,680.20	483.38	-436.54	499.49	0.25	0.22	-3.18
8,828.00	1.94	140.05	8,775.14	480.91	-434.37	496.94	0.13	-0.08	2.89
8,922.00	2.44	164.21	8,869.07	477.77	-432.80	493.74	1.10	0.53	25.70
9,017.00	2.62	185.21	8,963.98	473.66	-432.45	489.62	0.99	0.19	22.11
9,112.00	2.21	195.10	9,058.90	469.73	-433.12	485.72	0.61	-0.43	10.41
9,207.00	1.43	214.76	9,153.85	466.99	-434.28	483.02	1.04	-0.82	20.69



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3729.00usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
9,301.00	0.97	223.82	9,247.83	465.45	-435.50	481.53	0.53	-0.49	9.64
9,396.00	1.08	184.33	9,342.82	463.98	-436.12	480.08	0.74	0.12	-41.57
9,491.00	1.75	155.53	9,437.79	461.76	-435.59	477.85	1.01	0.71	-30.32
9,585.00	2.35	168.75	9,531.73	458.57	-434.62	474.62	0.81	0.64	14.06
9,681.00	2.31	201.23	9,627.65	454.83	-434.93	470.90	1.36	-0.04	33.83
9,775.00	2.35	192.28	9,721.58	451.18	-436.03	467.30	0.39	0.04	-9.52
9,964.00	1.04	126.04	9,910.50	446.39	-435.47	462.48	1.14	-0.69	-35.05
10,154.00	1.41	42.77	10,100.47	447.09	-432.49	463.07	0.87	0.19	-43.83
10,248.00	0.91	46.96	10,194.45	448.45	-431.15	464.38	0.54	-0.53	4.46
10,343.00	0.78	47.10	10,289.44	449.40	-430.13	465.30	0.14	-0.14	0.15
10,437.00	1.09	92.11	10,383.43	449.81	-428.77	465.65	0.82	0.33	47.88
10,532.00	0.52	141.73	10,478.42	449.43	-427.60	465.23	0.90	-0.60	52.23
10,627.00	0.77	227.10	10,573.42	448.66	-427.80	464.47	0.94	0.26	89.86
10,721.00	1.16	251.88	10,667.40	447.93	-429.16	463.79	0.60	0.41	26.36
10,816.00	2.08	243.95	10,762.37	446.88	-431.63	462.83	0.99	0.97	-8.35
10,911.00	2.37	245.89	10,857.29	445.32	-434.97	461.40	0.32	0.31	2.04
11,006.00	1.72	243.11	10,952.23	443.87	-438.03	460.07	0.69	-0.68	-2.93
11,100.00	2.44	240.11	11,046.17	442.24	-441.03	458.54	0.77	0.77	-3.19
11,121.00	2.36	242.49	11,067.15	441.81	-441.80	458.15	0.61	-0.38	11.33
11,224.00	1.88	268.69	11,170.08	440.80	-445.37	457.27	1.04	-0.47	25.44
11,319.00	9.87	5.53	11,264.61	448.89	-446.14	465.38	10.80	8.41	101.94
11,414.00	21.42	356.15	11,355.95	474.39	-446.52	490.88	12.41	12.16	-9.87
11,509.00	30.16	344.09	11,441.46	514.75	-454.25	531.51	10.69	9.20	-12.69
11,604.00	39.29	353.31	11,519.51	567.73	-464.33	584.82	11.06	9.61	9.71
11,699.00	43.86	354.87	11,590.56	630.42	-470.78	647.71	4.93	4.81	1.64
11,793.00	55.61	357.67	11,651.22	701.86	-475.28	719.28	12.70	12.50	2.98
11,888.00	66.36	1.58	11,697.24	784.79	-475.68	802.17	11.87	11.32	4.12
11,983.00	73.66	4.65	11,729.70	873.86	-470.77	890.99	8.26	7.68	3.23
12,078.00	83.96	2.62	11,748.12	966.74	-464.90	983.58	11.04	10.84	-2.14
12,173.00	91.87	1.85	11,751.57	1,061.53	-461.21	1,078.16	8.37	8.33	-0.81
12,292.00	93.15	359.87	11,746.36	1,180.39	-459.42	1,196.87	1.98	1.08	-1.66
12,387.00	89.73	359.14	11,743.97	1,275.35	-460.24	1,291.79	3.68	-3.60	-0.77
12,482.00	88.99	359.35	11,745.03	1,370.33	-461.49	1,386.75	0.81	-0.78	0.22
12,577.00	89.02	0.66	11,746.68	1,465.31	-461.48	1,481.67	1.38	0.03	1.38
12,672.00	90.12	2.83	11,747.39	1,560.26	-458.59	1,576.44	2.56	1.16	2.28
12,767.00	90.21	3.65	11,747.12	1,655.11	-453.22	1,671.01	0.87	0.09	0.86
12,861.00	90.62	3.75	11,746.44	1,748.91	-447.16	1,764.52	0.45	0.44	0.11
12,956.00	90.50	3.78	11,745.51	1,843.70	-440.92	1,859.01	0.13	-0.13	0.03
13,050.00	90.69	3.46	11,744.54	1,937.51	-434.98	1,952.52	0.40	0.20	-0.34
13,145.00	90.64	3.86	11,743.43	2,032.31	-428.92	2,047.03	0.42	-0.05	0.42
13,240.00	90.41	3.68	11,742.56	2,127.10	-422.67	2,141.52	0.31	-0.24	-0.19
13,335.00	90.05	2.74	11,742.18	2,221.95	-417.35	2,236.10	1.06	-0.38	-0.99
13,430.00	90.07	1.64	11,742.08	2,316.87	-413.72	2,330.82	1.16	0.02	-1.16
13,525.00	90.13	1.51	11,741.92	2,411.84	-411.11	2,425.62	0.15	0.06	-0.14



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3729.00usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
13,620.00	90.08	2.45	11,741.74	2,506.78	-407.83	2,520.37	0.99	-0.05	0.99
13,715.00	90.15	2.45	11,741.55	2,601.69	-403.77	2,615.06	0.07	0.07	0.00
13,810.00	89.99	1.22	11,741.44	2,696.64	-400.73	2,709.83	1.31	-0.17	-1.29
13,905.00	90.04	0.46	11,741.41	2,791.63	-399.34	2,804.70	0.80	0.05	-0.80
14,000.00	90.15	0.65	11,741.25	2,886.63	-398.42	2,899.59	0.23	0.12	0.20
14,095.00	90.41	359.60	11,740.79	2,981.62	-398.21	2,994.51	1.14	0.27	-1.11
14,189.00	90.58	358.76	11,739.98	3,075.61	-399.55	3,088.48	0.91	0.18	-0.89
14,284.00	90.58	358.51	11,739.01	3,170.58	-401.82	3,183.47	0.26	0.00	-0.26
14,379.00	90.49	358.55	11,738.13	3,265.54	-404.25	3,278.46	0.10	-0.09	0.04
14,473.00	90.65	358.92	11,737.19	3,359.52	-406.33	3,372.44	0.43	0.17	0.39
14,568.00	90.44	358.57	11,736.29	3,454.49	-408.41	3,467.43	0.43	-0.22	-0.37
14,663.00	90.59	358.59	11,735.43	3,549.45	-410.76	3,562.41	0.16	0.16	0.02
14,758.00	90.64	358.51	11,734.42	3,644.42	-413.17	3,657.40	0.10	0.05	-0.08
14,853.00	90.67	358.43	11,733.33	3,739.38	-415.70	3,752.39	0.09	0.03	-0.08
14,947.00	90.55	358.75	11,732.33	3,833.34	-418.02	3,846.38	0.36	-0.13	0.34
15,042.00	90.39	358.59	11,731.55	3,928.32	-420.22	3,941.36	0.24	-0.17	-0.17
15,137.00	90.52	358.56	11,730.79	4,023.28	-422.58	4,036.35	0.14	0.14	-0.03
15,232.00	90.52	358.75	11,729.93	4,118.25	-424.81	4,131.34	0.20	0.00	0.20
15,326.00	90.73	358.73	11,728.91	4,212.23	-426.88	4,225.32	0.22	0.22	-0.02
15,421.00	90.44	359.15	11,727.94	4,307.20	-428.64	4,320.30	0.54	-0.31	0.44
15,515.00	90.49	358.61	11,727.17	4,401.18	-430.47	4,414.28	0.58	0.05	-0.57
15,610.00	90.59	358.69	11,726.28	4,496.15	-432.71	4,509.27	0.13	0.11	0.08
15,705.00	90.53	358.55	11,725.35	4,591.12	-435.00	4,604.25	0.16	-0.06	-0.15
15,800.00	90.56	358.49	11,724.45	4,686.08	-437.45	4,699.24	0.07	0.03	-0.06
15,895.00	90.65	358.63	11,723.44	4,781.05	-439.84	4,794.23	0.18	0.09	0.15
15,990.00	90.58	358.77	11,722.42	4,876.02	-442.00	4,889.21	0.16	-0.07	0.15
16,085.00	90.69	358.86	11,721.37	4,970.99	-443.96	4,984.19	0.15	0.12	0.09
16,179.00	90.79	0.20	11,720.16	5,064.98	-444.73	5,078.14	1.43	0.11	1.43
16,273.00	90.58	0.51	11,719.03	5,158.97	-444.15	5,172.04	0.40	-0.22	0.33
16,368.00	90.08	0.53	11,718.49	5,253.96	-443.29	5,266.94	0.53	-0.53	0.02
16,463.00	89.98	0.87	11,718.44	5,348.96	-442.13	5,361.82	0.37	-0.11	0.36
16,557.00	90.16	0.72	11,718.32	5,442.95	-440.82	5,455.70	0.25	0.19	-0.16
16,652.00	90.01	0.72	11,718.18	5,537.94	-439.63	5,550.58	0.16	-0.16	0.00
16,747.00	89.87	0.82	11,718.28	5,632.93	-438.35	5,645.45	0.18	-0.15	0.11
16,842.00	89.98	1.10	11,718.40	5,727.92	-436.76	5,740.31	0.32	0.12	0.29
16,936.00	89.98	0.63	11,718.44	5,821.91	-435.34	5,834.18	0.50	0.00	-0.50
17,031.00	90.04	1.02	11,718.42	5,916.90	-433.97	5,929.05	0.42	0.06	0.41
17,125.00	90.04	1.36	11,718.36	6,010.88	-432.02	6,022.89	0.36	0.00	0.36
17,220.00	90.01	0.96	11,718.31	6,105.86	-430.10	6,117.73	0.42	-0.03	-0.42
17,315.00	90.15	0.96	11,718.18	6,200.84	-428.51	6,212.59	0.15	0.15	0.00
17,410.00	90.08	1.22	11,717.99	6,295.83	-426.70	6,307.44	0.28	-0.07	0.27
17,505.00	90.10	1.21	11,717.84	6,390.80	-424.68	6,402.27	0.02	0.02	-0.01
17,599.00	90.27	1.13	11,717.54	6,484.78	-422.77	6,496.11	0.20	0.18	-0.09



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3729.00usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
17,694.00	90.15	1.05	11,717.19	6,579.77	-420.96	6,590.96	0.15	-0.13	-0.08
17,789.00	89.99	0.71	11,717.07	6,674.76	-419.50	6,685.82	0.40	-0.17	-0.36
17,883.00	90.12	0.56	11,716.98	6,768.75	-418.46	6,779.71	0.21	0.14	-0.16
17,977.00	90.15	1.11	11,716.76	6,862.74	-417.09	6,873.58	0.59	0.03	0.59
18,072.00	90.18	1.11	11,716.49	6,957.72	-415.25	6,968.43	0.03	0.03	0.00
18,166.00	90.50	0.59	11,715.93	7,051.71	-413.85	7,062.30	0.65	0.34	-0.55
18,261.00	90.49	359.52	11,715.11	7,146.70	-413.76	7,157.22	1.13	-0.01	-1.13
18,355.00	90.81	359.19	11,714.04	7,240.69	-414.82	7,251.18	0.49	0.34	-0.35
18,450.00	90.64	358.59	11,712.84	7,335.66	-416.66	7,346.16	0.66	-0.18	-0.63
18,545.00	90.49	358.58	11,711.90	7,430.63	-419.01	7,441.14	0.16	-0.16	-0.01
18,639.00	90.55	358.53	11,711.05	7,524.60	-421.38	7,535.13	0.08	0.06	-0.05
18,734.00	90.18	358.41	11,710.45	7,619.56	-423.91	7,630.13	0.41	-0.39	-0.13
18,829.00	90.44	358.52	11,709.93	7,714.53	-426.46	7,725.12	0.30	0.27	0.12
18,924.00	90.69	358.96	11,709.00	7,809.50	-428.55	7,820.10	0.53	0.26	0.46
19,018.00	90.53	358.90	11,707.99	7,903.48	-430.30	7,914.08	0.18	-0.17	-0.06
19,113.00	90.58	358.58	11,707.07	7,998.45	-432.39	8,009.06	0.34	0.05	-0.34
19,208.00	90.76	0.16	11,705.96	8,093.43	-433.43	8,104.02	1.67	0.19	1.66
19,303.00	90.61	359.24	11,704.83	8,188.42	-433.93	8,198.96	0.98	-0.16	-0.97
19,397.00	90.79	358.98	11,703.68	8,282.41	-435.39	8,292.93	0.34	0.19	-0.28
19,492.00	90.66	358.85	11,702.48	8,377.38	-437.19	8,387.91	0.19	-0.14	-0.14
19,587.00	90.64	358.95	11,701.40	8,472.36	-439.01	8,482.88	0.11	-0.02	0.11
19,682.00	90.67	359.42	11,700.31	8,567.34	-440.37	8,577.85	0.50	0.03	0.49
19,777.00	90.61	358.99	11,699.25	8,662.33	-441.68	8,672.82	0.46	-0.06	-0.45
19,872.00	90.75	358.84	11,698.12	8,757.30	-443.48	8,767.80	0.22	0.15	-0.16
19,968.00	90.70	358.60	11,696.91	8,853.27	-445.63	8,863.78	0.26	-0.05	-0.25
20,062.00	90.47	358.67	11,695.95	8,947.24	-447.87	8,957.76	0.26	-0.24	0.07
20,157.00	90.76	359.03	11,694.93	9,042.21	-449.77	9,052.74	0.49	0.31	0.38
20,252.00	90.24	0.22	11,694.10	9,137.21	-450.39	9,147.69	1.37	-0.55	1.25
20,346.00	90.25	0.25	11,693.70	9,231.20	-450.01	9,241.61	0.03	0.01	0.03
20,441.00	90.12	0.63	11,693.39	9,326.20	-449.28	9,336.51	0.42	-0.14	0.40
20,536.00	90.10	0.78	11,693.21	9,421.19	-448.11	9,431.39	0.16	-0.02	0.16
20,631.00	90.19	0.51	11,692.97	9,516.19	-447.04	9,526.28	0.30	0.09	-0.28
20,726.00	90.19	0.60	11,692.66	9,611.18	-446.12	9,621.17	0.09	0.00	0.09
20,821.00	90.18	0.60	11,692.35	9,706.18	-445.13	9,716.06	0.01	-0.01	0.00
20,916.00	90.10	0.72	11,692.12	9,801.17	-444.03	9,810.94	0.15	-0.08	0.13
21,011.00	90.16	0.62	11,691.90	9,896.16	-442.92	9,905.83	0.12	0.06	-0.11
21,105.00	90.16	1.03	11,691.64	9,990.15	-441.57	9,999.70	0.44	0.00	0.44
21,200.00	90.22	0.72	11,691.32	10,085.14	-440.12	10,094.56	0.33	0.06	-0.33
21,295.00	90.19	0.48	11,690.98	10,180.14	-439.12	10,189.45	0.25	-0.03	-0.25
21,390.00	90.13	0.49	11,690.72	10,275.13	-438.32	10,284.35	0.06	-0.06	0.01
21,484.00	90.10	0.73	11,690.53	10,369.13	-437.32	10,378.24	0.26	-0.03	0.26
21,580.00	90.18	0.62	11,690.29	10,465.12	-436.19	10,474.12	0.14	0.08	-0.11
21,675.00	90.05	1.05	11,690.10	10,560.11	-434.80	10,568.99	0.47	-0.14	0.45



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 602H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3729.00usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3729.00usft (H&P 313)
Well:	602H	North Reference:	True
Wellbore:	OH / 67730	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)	
21,769.00	90.07	1.20	11,690.01	10,654.09	-432.96	10,662.84	0.16	0.02	0.16	
21,864.00	90.07	0.80	11,689.89	10,749.08	-431.30	10,757.69	0.42	0.00	-0.42	
21,959.00	90.29	0.63	11,689.59	10,844.07	-430.11	10,852.57	0.29	0.23	-0.18	
22,054.00	90.15	0.53	11,689.23	10,939.06	-429.15	10,947.46	0.18	-0.15	-0.11	
22,149.00	90.25	0.65	11,688.89	11,034.06	-428.17	11,042.35	0.16	0.11	0.13	
22,244.00	90.18	0.60	11,688.54	11,129.05	-427.14	11,137.24	0.09	-0.07	-0.05	
22,338.00	90.16	0.79	11,688.26	11,223.04	-426.00	11,231.12	0.20	-0.02	0.20	
22,433.00	90.10	0.52	11,688.04	11,318.04	-424.91	11,326.01	0.29	-0.06	-0.28	
22,458.00	90.19	0.53	11,687.98	11,343.04	-424.68	11,350.98	0.36	0.36	0.04	
Final Phoenix MWD Survey										
22,487.00	90.19	0.53	11,687.88	11,372.03	-424.41	11,379.95	0.00	0.00	0.00	
Projection to TD										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
135.00	135.00	0.51	0.46	First Phoenix MWD Survey	
22,458.00	11,687.98	11,343.04	-424.68	Final Phoenix MWD Survey	
22,487.00	11,687.88	11,372.03	-424.41	Projection to TD	

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

ACKNOWLEDGMENTS

Action 39985

ACKNOWLEDGMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 39985
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 39985

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 39985
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT C-104 expires 11/07/2021; submit all drilling, casing, and completion sundries/reports.	9/7/2021