

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

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 NW 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 7/24/21	³² Gas Delivery Date 7/24/21	³³ Test Date 8/4/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 650
³⁷ Choke Size 1.281"	³⁸ Oil 1891 bbls	³⁹ Water 12308 bbls	⁴⁰ Gas 2313 mcf		⁴¹ Test Method Flowing
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 Approved by: Title: Approval Date:		
Printed name: Ariana Solis					
Title: Sr. Regulatory Analyst					
E-mail Address: ariana.solis@cdevinc.com					
Date: 11/29/21		Phone: 512-574-3190			



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



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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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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



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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			
		+N/-S (usft)	+E/-W (usft)	Comment	
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	

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-46742		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Mozzarella Federal Com		
								6. Well Number: 602H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Centennial Resource Production, LLC						9. OGRID 372165				
10. Address of Operator 1001 17th Street, Suite 1800, Denver, CO						11. Pool name or Wildcat Bilbry Basin; Bone Spring 5695				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	8	22S	32E		954	North	2149	West	Lea
BH:	C	32	21S	32E		135	North	1736	West	Lea
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
4/20/21	4/30/21		5/02/21			7/12/21		3497		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22,487			22,391			Yes		Gama Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
12,191 - 22,373										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		54.5		753		17-1/2		665 sx		
9-5/8		36		5323		12-1/4		980 sx		
5-1/2		20		22415		8-3/4				
5-1/2		20		22415		8-1/2		2640 sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2-7/8	N/A			
26. Perforation record (interval, size, and number) 12,191 - 22,373, .42 in holes, 2094 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,191 - 22,373		26,292,874 gals slick water		
								26,578,148# 100 mesh sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
7/24/21		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
8/04/21	24	1.281"		1891	2313	12308	1223			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	650		1891	2313	12308	41				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
Sold								Derrick Melton		
31. List Attachments C-104, Survey, C-102, Additional points required										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Name Ariana Solis			Title Sr. Regulatory Analyst			Date 11/29/21	
E-mail Address ariana.solis@cdevinc.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Bell Canyon 4762	T. Fruitland	T. Penn. "C"
T. Yates	T. Cherry Canyon 5610	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Manzanita Lime 5833	T. Cliff House	T. Leadville
T. Queen	T. Brushy Canyon 6957	T. Menefee	T. Madison
T. Grayburg	T. Bone Spring Lime 8704	T. Point Lookout	T. Elbert
T. San Andres	T. Avalon Shale 8844	T. Mancos	T. McCracken
T. Glorieta	T. 1st Bone Spring Sand 9,758	T. Gallup	T. Ignacio Otzte
T. Paddock	T. 2nd Bone Spring Sand 10,408	Base Greenhorn	T. Granite
T. Blinebry	T. 3rd Bone Spring Sand 11,429	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From To Thickness
In Feet Lithology

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 77452

ACKNOWLEDGMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 77452
	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 77452

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 77452
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Going forward the C-104 needs to be submitted where we can "Add Text" for our approval and signature...this C-104 is in "Protected Mode". Not sure what you can do @ your end. File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	2/15/2022