

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

Form C-104
Revised August 1, 2011

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 7/16/21
⁴ API Number 30 - 0 25-46757	⁵ Pool Name Bilbrey Basin; Bone Spring	⁶ Pool Code 5695
⁷ Property Code 326979	⁸ Property Name Mozzarella Federal Com	⁹ Well Number 603H

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 2219	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. B	Section 32	Township 21S	Range 32E	Lot Idn	Feet from the 105	North/South line North	Feet from the 2460	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/16/21	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

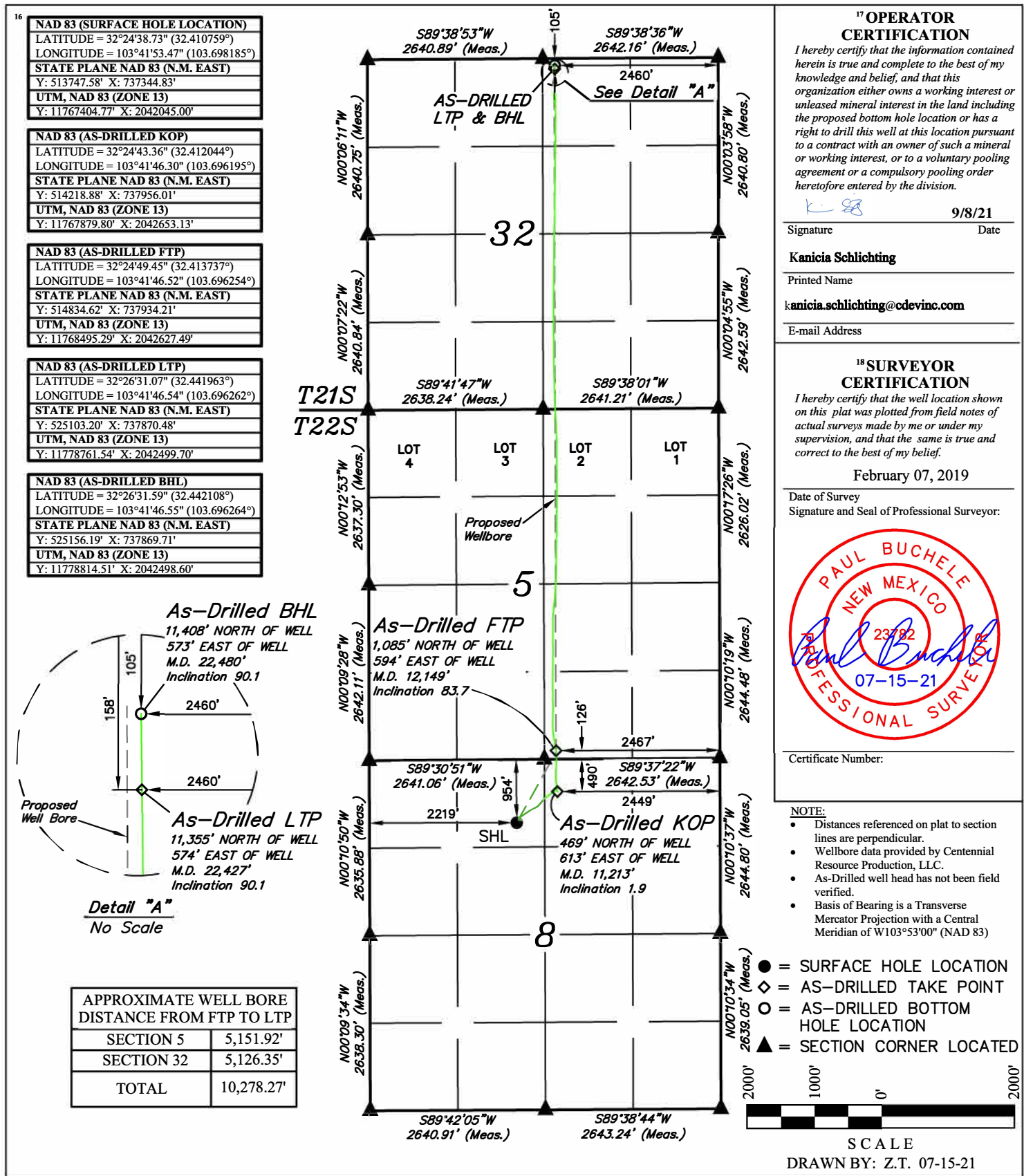
²¹ Spud Date 4/20/21	²² Ready Date 7/16/21	²³ TD 22,480MD/11,716TVD	²⁴ PBTD 22,436	²⁵ Perforations 12,149 - 22,428	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	753		665
12-1/4		9-5/8	5333		940
8-3/4, 8-1/2		5-1/2	22,472		2640
Request tubing exception					

V. Well Test Data

³¹ Date New Oil 7/28/21	³² Gas Delivery Date 7/28/21	³³ Test Date 8/04/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 830
³⁷ Choke Size 1.5	³⁸ Oil 1916	³⁹ Water 12,358	⁴⁰ Gas 2699		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		
Printed name: Kanicia Schlichting			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Sr. Regulatory Analyst			Title: <i>NMOCD</i>		
E-mail Address: kanicia.schlichting@cdevinc.com			Approval Date: <i>9/27/2021</i>		
Date: 9/8/21		Phone: 720-499-1537			

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Mozzarella Fed Com
603H**

OH / 67731

Survey: Phoenix MWD Surveys

Standard Survey Report

12 May, 2021





Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3728.20usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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	603H		
Well Position	+N/-S	0.00 usft	Northing: 11,767,404.77 usft
	+E/-W	0.00 usft	Easting: 2,042,045.00 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 24' 38.731099 N
		Longitude:	103° 41' 53.465798 W
		Ground Level:	3,703.20 usft

Wellbore	OH / 67731		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	5/19/2021	6.54
			Dip Angle (°) 60.11
			Field Strength (nT) 47,887.76094936

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 (°) 2.92

Survey Program	Date	5/12/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
135.00	22,480.00	Phoenix MWD Surveys (OH / 67731)	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	0.64	334.94	135.00	0.68	-0.32	0.67	0.47	0.47	0.00
First Phoenix MWD Survey									
230.00	0.59	337.63	229.99	1.62	-0.73	1.58	0.06	-0.05	2.83
325.00	0.59	342.95	324.99	2.54	-1.06	2.48	0.06	0.00	5.60
420.00	0.65	343.64	419.98	3.52	-1.36	3.45	0.06	0.06	0.73
515.00	0.67	347.17	514.97	4.58	-1.63	4.49	0.05	0.02	3.72
610.00	0.29	334.08	609.97	5.34	-1.86	5.24	0.41	-0.40	-13.78
693.00	0.34	357.10	692.97	5.77	-1.96	5.66	0.16	0.06	27.73
873.00	0.65	5.35	872.96	7.32	-1.89	7.22	0.18	0.17	4.58
968.00	0.63	347.38	967.96	8.37	-1.96	8.26	0.21	-0.02	-18.92



Survey Report



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Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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	0.39	7.79	1,061.95	9.19	-2.03	9.07	0.32	-0.26	21.71
1,157.00	0.69	342.88	1,156.95	10.06	-2.15	9.93	0.39	0.32	-26.22
1,252.00	0.78	11.55	1,251.94	11.24	-2.19	11.11	0.39	0.09	30.18
1,347.00	0.34	340.64	1,346.94	12.14	-2.16	12.01	0.55	-0.46	-32.54
1,442.00	0.56	318.01	1,441.93	12.75	-2.56	12.60	0.29	0.23	-23.82
1,537.00	0.34	301.67	1,536.93	13.24	-3.11	13.06	0.27	-0.23	-17.20
1,632.00	0.63	355.30	1,631.93	13.91	-3.39	13.72	0.54	0.31	56.45
1,727.00	0.52	3.58	1,726.92	14.86	-3.41	14.67	0.14	-0.12	8.72
1,821.00	0.73	345.92	1,820.92	15.87	-3.53	15.67	0.30	0.22	-18.79
1,916.00	2.13	18.72	1,915.89	18.12	-3.11	17.94	1.65	1.47	34.53
2,012.00	3.08	33.59	2,011.79	21.96	-1.11	21.88	1.21	0.99	15.49
2,106.00	4.22	38.56	2,105.60	26.77	2.44	26.86	1.26	1.21	5.29
2,201.00	5.65	36.25	2,200.24	33.28	7.39	33.61	1.52	1.51	-2.43
2,295.00	6.31	40.49	2,293.73	40.94	13.48	41.57	0.84	0.70	4.51
2,390.00	6.69	37.53	2,388.12	49.30	20.24	50.26	0.53	0.40	-3.12
2,485.00	7.14	44.90	2,482.43	57.87	27.78	59.21	1.05	0.47	7.76
2,579.00	8.12	50.58	2,575.60	66.22	37.03	68.02	1.31	1.04	6.04
2,674.00	8.23	50.53	2,669.63	74.80	47.46	77.12	0.12	0.12	-0.05
2,769.00	8.34	50.21	2,763.64	83.53	58.01	86.38	0.13	0.12	-0.34
2,865.00	8.47	47.77	2,858.61	92.74	68.59	96.12	0.40	0.14	-2.54
2,959.00	9.08	51.16	2,951.51	102.05	79.49	105.96	0.85	0.65	3.61
3,054.00	10.16	56.02	3,045.17	111.43	92.28	115.99	1.42	1.14	5.12
3,149.00	10.05	56.52	3,138.70	120.69	106.14	125.94	0.15	-0.12	0.53
3,244.00	9.70	53.63	3,232.29	130.00	119.50	135.92	0.64	-0.37	-3.04
3,339.00	10.79	53.15	3,325.78	140.08	133.06	146.68	1.15	1.15	-0.51
3,434.00	11.48	53.02	3,418.99	151.10	147.73	158.43	0.73	0.73	-0.14
3,529.00	11.84	53.30	3,512.03	162.62	163.10	170.71	0.38	0.38	0.29
3,623.00	11.24	53.57	3,604.13	173.82	178.20	182.67	0.64	-0.64	0.29
3,718.00	10.19	55.56	3,697.47	184.07	192.58	193.64	1.17	-1.11	2.09
3,812.00	10.22	59.42	3,789.98	193.01	206.62	203.29	0.73	0.03	4.11
3,907.00	10.47	63.74	3,883.44	201.12	221.61	212.15	0.86	0.26	4.55
4,002.00	10.61	64.00	3,976.84	208.77	237.21	220.59	0.16	0.15	0.27
4,096.00	10.76	68.24	4,069.21	215.82	253.14	228.44	0.85	0.16	4.51
4,191.00	10.62	70.39	4,162.56	222.05	269.62	235.49	0.44	-0.15	2.26
4,286.00	9.97	64.60	4,256.03	228.51	285.30	242.75	1.29	-0.68	-6.09
4,380.00	9.74	65.24	4,348.65	235.33	299.87	250.30	0.27	-0.24	0.68
4,475.00	8.57	52.10	4,442.45	243.05	312.76	258.66	2.51	-1.23	-13.83
4,570.00	8.30	53.27	4,536.42	251.50	323.84	267.67	0.34	-0.28	1.23
4,665.00	7.57	47.49	4,630.51	259.83	333.95	276.50	1.14	-0.77	-6.08
4,760.00	7.66	36.84	4,724.68	269.12	342.35	286.21	1.49	0.09	-11.21
4,854.00	7.40	40.24	4,817.87	278.76	350.02	296.23	0.55	-0.28	3.62
4,949.00	7.20	39.36	4,912.10	288.03	357.75	305.88	0.24	-0.21	-0.93
5,044.00	7.28	40.18	5,006.34	297.23	365.41	315.46	0.14	0.08	0.86



Survey Report



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Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
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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)
5,139.00	7.43	37.17	5,100.56	306.72	373.00	325.33	0.44	0.16	-3.17
5,234.00	7.07	37.19	5,194.80	316.28	380.25	335.24	0.38	-0.38	0.02
5,263.00	6.91	36.77	5,223.58	319.10	382.37	338.16	0.58	-0.55	-1.45
5,433.00	6.27	36.27	5,392.46	334.77	393.98	354.41	0.38	-0.38	-0.29
5,527.00	6.63	39.99	5,485.86	343.07	400.51	363.03	0.59	0.38	3.96
5,622.00	8.42	46.17	5,580.04	352.09	409.05	372.47	2.07	1.88	6.51
5,717.00	8.43	43.12	5,674.02	361.99	418.83	382.85	0.47	0.01	-3.21
5,811.00	9.30	50.54	5,766.90	371.84	429.40	393.24	1.53	0.93	7.89
5,906.00	9.76	51.50	5,860.59	381.74	441.63	403.74	0.51	0.48	1.01
6,001.00	9.86	51.09	5,954.20	391.86	454.26	414.49	0.13	0.11	-0.43
6,096.00	10.26	53.28	6,047.74	402.02	467.37	425.31	0.58	0.42	2.31
6,190.00	10.73	56.79	6,140.16	411.82	481.41	435.81	0.84	0.50	3.73
6,285.00	10.06	55.46	6,233.61	421.37	495.64	446.07	0.75	-0.71	-1.40
6,380.00	9.86	54.41	6,327.17	430.81	509.09	456.18	0.28	-0.21	-1.11
6,475.00	9.52	53.55	6,420.82	440.21	522.02	466.23	0.39	-0.36	-0.91
6,569.00	9.78	53.61	6,513.49	449.57	534.70	476.22	0.28	0.28	0.06
6,665.00	9.62	52.76	6,608.12	459.26	547.65	486.56	0.22	-0.17	-0.89
6,759.00	6.94	53.88	6,701.13	467.36	558.49	495.20	2.86	-2.85	1.19
6,853.00	6.94	52.11	6,794.44	474.19	567.56	502.49	0.23	0.00	-1.88
6,948.00	6.73	50.94	6,888.76	481.23	576.42	509.97	0.27	-0.22	-1.23
7,042.00	6.42	49.79	6,982.15	488.09	584.71	517.24	0.36	-0.33	-1.22
7,137.00	3.39	39.20	7,076.79	493.70	590.54	523.14	3.32	-3.19	-11.15
7,232.00	3.29	41.06	7,171.63	497.93	594.10	527.55	0.16	-0.11	1.96
7,326.00	3.07	43.90	7,265.48	501.78	597.62	531.57	0.29	-0.23	3.02
7,421.00	2.66	40.94	7,360.36	505.28	600.83	535.23	0.46	-0.43	-3.12
7,515.00	0.29	46.21	7,454.33	507.09	602.43	537.12	2.52	-2.52	5.61
7,610.00	0.40	99.16	7,549.32	507.20	602.93	537.26	0.34	0.12	55.74
7,705.00	0.36	107.75	7,644.32	507.06	603.54	537.15	0.07	-0.04	9.04
7,799.00	0.35	129.95	7,738.32	506.78	604.05	536.90	0.15	-0.01	23.62
7,894.00	0.36	139.30	7,833.32	506.37	604.46	536.51	0.06	0.01	9.84
7,988.00	0.50	162.62	7,927.32	505.76	604.78	535.91	0.24	0.15	24.81
8,083.00	0.65	180.44	8,022.31	504.82	604.90	534.98	0.24	0.16	18.76
8,272.00	0.97	182.49	8,211.29	502.15	604.82	532.31	0.17	0.17	1.08
8,367.00	1.07	177.60	8,306.28	500.46	604.82	530.62	0.14	0.11	-5.15
8,462.00	1.00	183.70	8,401.26	498.75	604.80	528.91	0.14	-0.07	6.42
8,557.00	1.03	189.24	8,496.25	497.08	604.61	527.23	0.11	0.03	5.83
8,652.00	1.14	180.77	8,591.23	495.29	604.46	525.44	0.20	0.12	-8.92
8,747.00	1.07	178.52	8,686.21	493.46	604.47	523.61	0.09	-0.07	-2.37
8,841.00	1.10	179.15	8,780.19	491.68	604.51	521.84	0.03	0.03	0.67
8,936.00	1.04	185.46	8,875.18	489.91	604.44	520.06	0.14	-0.06	6.64
9,030.00	1.10	176.18	8,969.16	488.16	604.42	518.32	0.19	0.06	-9.87
9,125.00	1.23	187.81	9,064.14	486.24	604.34	516.39	0.28	0.14	12.24
9,220.00	1.09	186.95	9,159.12	484.33	604.10	514.48	0.15	-0.15	-0.91



Survey Report



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Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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)
9,315.00	1.30	185.13	9,254.10	482.36	603.89	512.50	0.22	0.22	-1.92
9,409.00	1.45	172.20	9,348.08	480.12	603.96	510.27	0.37	0.16	-13.76
9,504.00	0.44	199.04	9,443.06	478.59	604.00	508.73	1.13	-1.06	28.25
9,599.00	0.85	309.94	9,538.06	478.69	603.34	508.81	1.14	0.43	116.74
9,694.00	0.60	292.87	9,633.05	479.34	602.34	509.40	0.35	-0.26	-17.97
9,788.00	0.36	278.20	9,727.05	479.57	601.60	509.60	0.28	-0.26	-15.61
9,883.00	0.63	185.16	9,822.04	479.10	601.25	509.10	0.78	0.28	-97.94
9,978.00	1.27	202.01	9,917.03	477.60	600.81	507.59	0.73	0.67	17.74
10,072.00	1.08	198.40	10,011.01	475.79	600.14	505.75	0.22	-0.20	-3.84
10,167.00	0.57	111.79	10,106.00	474.77	600.30	504.73	1.25	-0.54	-91.17
10,356.00	1.45	57.61	10,294.98	475.70	603.19	505.81	0.64	0.47	-28.67
10,450.00	1.48	70.87	10,388.95	476.73	605.34	506.95	0.36	0.03	14.11
10,545.00	0.96	89.77	10,483.92	477.14	607.30	507.46	0.69	-0.55	19.89
10,640.00	0.78	143.63	10,578.91	476.62	608.48	507.00	0.85	-0.19	56.69
10,735.00	1.02	169.79	10,673.90	475.27	609.01	505.68	0.49	0.25	27.54
10,829.00	0.87	173.82	10,767.89	473.74	609.23	504.16	0.17	-0.16	4.29
10,924.00	1.21	167.83	10,862.87	472.04	609.52	502.48	0.38	0.36	-6.31
11,019.00	1.16	149.68	10,957.85	470.23	610.22	500.70	0.40	-0.05	-19.11
11,114.00	1.99	137.76	11,052.82	468.18	611.82	498.74	0.93	0.87	-12.55
11,143.00	1.97	131.93	11,081.80	467.47	612.52	498.07	0.70	-0.07	-20.10
11,224.00	1.92	29.94	11,162.77	467.72	614.24	498.40	3.73	-0.06	-125.91
11,319.00	15.89	350.16	11,256.43	481.99	612.80	512.58	15.23	14.71	-41.87
11,414.00	22.38	347.64	11,346.13	512.50	606.70	542.74	6.89	6.83	-2.65
11,509.00	34.75	354.44	11,429.43	557.30	600.18	587.15	13.44	13.02	7.16
11,604.00	39.42	355.22	11,505.19	614.34	595.04	643.85	4.94	4.92	0.82
11,698.00	45.77	355.76	11,574.36	677.73	590.06	706.91	6.77	6.76	0.57
11,792.00	57.02	1.68	11,632.95	751.00	588.72	780.01	12.93	11.97	6.30
11,887.00	63.03	5.42	11,680.40	833.07	593.89	862.24	7.19	6.33	3.94
11,982.00	72.85	2.70	11,716.04	920.78	600.05	950.15	10.67	10.34	-2.86
12,078.00	78.21	359.60	11,740.03	1,013.67	601.88	1,043.01	6.40	5.58	-3.23
12,173.00	85.49	350.62	11,753.51	1,107.20	593.81	1,136.01	12.09	7.66	-9.45
12,268.00	87.67	347.70	11,759.18	1,200.32	575.98	1,228.10	3.83	2.29	-3.07
12,387.00	89.93	351.74	11,761.67	1,317.35	554.75	1,343.90	3.89	1.90	3.39
12,482.00	89.93	357.27	11,761.79	1,411.88	545.66	1,437.84	5.82	0.00	5.82
12,577.00	90.29	1.48	11,761.61	1,506.85	544.62	1,532.64	4.45	0.38	4.43
12,671.00	91.15	1.57	11,760.43	1,600.81	547.12	1,626.60	0.92	0.91	0.10
12,767.00	90.98	1.57	11,758.64	1,696.76	549.75	1,722.56	0.18	-0.18	0.00
12,861.00	91.26	359.33	11,756.81	1,790.73	550.49	1,816.45	2.40	0.30	-2.38
12,956.00	91.15	358.29	11,754.81	1,885.69	548.52	1,911.18	1.10	-0.12	-1.09
13,050.00	90.76	0.22	11,753.24	1,979.66	547.30	2,004.97	2.09	-0.41	2.05
13,145.00	91.26	358.09	11,751.57	2,074.63	545.90	2,099.75	2.30	0.53	-2.24
13,240.00	90.05	0.03	11,750.48	2,169.61	544.34	2,194.52	2.41	-1.27	2.04
13,335.00	91.15	1.35	11,749.48	2,264.59	545.48	2,289.44	1.81	1.16	1.39
13,430.00	91.66	0.12	11,747.16	2,359.55	546.70	2,384.34	1.40	0.54	-1.29



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3728.20usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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)
13,525.00	90.79	2.12	11,745.12	2,454.51	548.56	2,479.27	2.30	-0.92	2.11
13,619.00	91.15	0.99	11,743.53	2,548.46	551.11	2,573.22	1.26	0.38	-1.20
13,714.00	90.75	359.13	11,741.96	2,643.44	551.21	2,668.09	2.00	-0.42	-1.96
13,810.00	90.67	358.81	11,740.77	2,739.42	549.48	2,763.85	0.34	-0.08	-0.33
13,904.00	90.15	0.09	11,740.10	2,833.41	548.58	2,857.68	1.47	-0.55	1.36
14,000.00	90.73	359.68	11,739.36	2,929.40	548.39	2,953.54	0.74	0.60	-0.43
14,094.00	89.87	0.85	11,738.87	3,023.40	548.82	3,047.43	1.54	-0.91	1.24
14,189.00	89.14	4.00	11,739.69	3,118.30	552.84	3,142.41	3.40	-0.77	3.32
14,283.00	89.48	6.49	11,740.82	3,211.89	561.43	3,236.32	2.67	0.36	2.65
14,378.00	90.35	5.38	11,740.96	3,306.38	571.25	3,331.19	1.48	0.92	-1.17
14,473.00	90.04	4.80	11,740.64	3,401.00	579.68	3,426.12	0.69	-0.33	-0.61
14,568.00	90.05	4.19	11,740.56	3,495.71	587.13	3,521.08	0.64	0.01	-0.64
14,663.00	90.19	2.02	11,740.36	3,590.57	592.27	3,616.08	2.29	0.15	-2.28
14,758.00	89.95	1.98	11,740.25	3,685.51	595.59	3,711.06	0.26	-0.25	-0.04
14,853.00	89.98	2.97	11,740.30	3,780.42	599.69	3,806.06	1.04	0.03	1.04
14,947.00	90.16	359.90	11,740.19	3,874.38	602.05	3,900.02	3.27	0.19	-3.27
15,042.00	89.55	359.34	11,740.43	3,969.37	601.42	3,994.86	0.87	-0.64	-0.59
15,137.00	89.07	0.55	11,741.57	4,064.36	601.32	4,089.72	1.37	-0.51	1.27
15,231.00	90.01	0.39	11,742.33	4,158.36	602.09	4,183.63	1.01	1.00	-0.17
15,326.00	89.58	2.28	11,742.67	4,253.33	604.31	4,278.59	2.04	-0.45	1.99
15,420.00	90.15	0.46	11,742.89	4,347.30	606.56	4,372.55	2.03	0.61	-1.94
15,515.00	90.19	359.95	11,742.61	4,442.29	606.90	4,467.44	0.54	0.04	-0.54
15,610.00	90.07	0.79	11,742.39	4,537.29	607.51	4,562.35	0.89	-0.13	0.88
15,705.00	90.16	0.47	11,742.20	4,632.28	608.55	4,657.27	0.35	0.09	-0.34
15,800.00	90.21	2.10	11,741.90	4,727.26	610.68	4,752.23	1.72	0.05	1.72
15,895.00	90.96	0.71	11,740.93	4,822.22	613.01	4,847.19	1.66	0.79	-1.46
15,990.00	90.65	0.79	11,739.59	4,917.20	614.26	4,942.11	0.34	-0.33	0.08
16,085.00	90.73	0.20	11,738.45	5,012.19	615.08	5,037.02	0.63	0.08	-0.62
16,179.00	90.82	358.84	11,737.18	5,106.18	614.29	5,130.84	1.45	0.10	-1.45
16,273.00	90.38	359.81	11,736.19	5,200.16	613.18	5,224.65	1.13	-0.47	1.03
16,368.00	90.75	358.83	11,735.25	5,295.15	612.05	5,319.46	1.10	0.39	-1.03
16,463.00	90.65	359.51	11,734.09	5,390.13	610.68	5,414.25	0.72	-0.11	0.72
16,557.00	90.93	359.51	11,732.80	5,484.12	609.87	5,508.07	0.30	0.30	0.00
16,652.00	90.99	0.58	11,731.21	5,579.11	609.95	5,602.94	1.13	0.06	1.13
16,747.00	91.12	359.50	11,729.46	5,674.09	610.02	5,697.80	1.14	0.14	-1.14
16,841.00	90.62	359.29	11,728.03	5,768.07	609.02	5,791.61	0.58	-0.53	-0.22
16,936.00	90.35	357.65	11,727.23	5,863.03	606.49	5,886.32	1.75	-0.28	-1.73
17,030.00	89.70	358.54	11,727.18	5,956.98	603.36	5,979.98	1.17	-0.69	0.95
17,125.00	90.58	356.97	11,726.95	6,051.90	599.64	6,074.59	1.89	0.93	-1.65
17,220.00	90.12	356.65	11,726.37	6,146.75	594.35	6,169.05	0.59	-0.48	-0.34
17,315.00	90.10	357.64	11,726.19	6,241.63	589.62	6,263.57	1.04	-0.02	1.04
17,410.00	90.53	356.98	11,725.67	6,336.53	585.16	6,358.11	0.83	0.45	-0.69
17,504.00	89.79	357.99	11,725.40	6,430.43	581.04	6,451.68	1.33	-0.79	1.07



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3728.20usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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)
17,599.00	89.99	359.68	11,725.59	6,525.41	579.11	6,546.44	1.79	0.21	1.78
17,694.00	90.32	358.28	11,725.33	6,620.39	577.42	6,641.21	1.51	0.35	-1.47
17,788.00	89.67	359.45	11,725.34	6,714.37	575.56	6,734.97	1.42	-0.69	1.24
17,883.00	90.35	358.82	11,725.32	6,809.36	574.12	6,829.77	0.98	0.72	-0.66
17,977.00	90.23	358.63	11,724.85	6,903.34	572.03	6,923.51	0.24	-0.13	-0.20
18,072.00	90.36	359.31	11,724.36	6,998.32	570.32	7,018.29	0.73	0.14	0.72
18,166.00	90.01	359.58	11,724.05	7,092.31	569.41	7,112.11	0.47	-0.37	0.29
18,261.00	90.32	0.10	11,723.78	7,187.31	569.15	7,206.97	0.64	0.33	0.55
18,355.00	90.44	359.53	11,723.16	7,281.31	568.84	7,300.83	0.62	0.13	-0.61
18,450.00	91.38	358.66	11,721.65	7,376.28	567.34	7,395.61	1.35	0.99	-0.92
18,544.00	90.39	359.92	11,720.20	7,470.26	566.18	7,489.40	1.70	-1.05	1.34
18,639.00	90.27	359.95	11,719.65	7,565.26	566.07	7,584.27	0.13	-0.13	0.03
18,734.00	89.39	359.59	11,719.93	7,660.26	565.69	7,679.13	1.00	-0.93	-0.38
18,829.00	89.95	0.98	11,720.48	7,755.25	566.16	7,774.02	1.58	0.59	1.46
18,924.00	90.10	0.75	11,720.44	7,850.24	567.60	7,868.96	0.29	0.16	-0.24
19,018.00	89.84	0.94	11,720.49	7,944.23	568.98	7,962.90	0.34	-0.28	0.20
19,113.00	89.21	0.73	11,721.27	8,039.22	570.37	8,057.84	0.70	-0.66	-0.22
19,208.00	90.32	359.81	11,721.66	8,134.21	570.81	8,152.73	1.52	1.17	-0.97
19,303.00	90.02	0.35	11,721.38	8,229.21	570.95	8,247.61	0.65	-0.32	0.57
19,397.00	89.22	0.36	11,722.00	8,323.21	571.53	8,341.52	0.85	-0.85	0.01
19,492.00	90.13	0.86	11,722.54	8,418.20	572.54	8,436.44	1.09	0.96	0.53
19,587.00	89.99	0.74	11,722.44	8,513.19	573.87	8,531.37	0.19	-0.15	-0.13
19,682.00	89.98	1.37	11,722.47	8,608.17	575.62	8,626.32	0.66	-0.01	0.66
19,777.00	90.33	0.69	11,722.21	8,703.16	577.32	8,721.27	0.81	0.37	-0.72
19,872.00	90.02	1.05	11,721.92	8,798.15	578.77	8,816.21	0.50	-0.33	0.38
19,967.00	89.99	1.01	11,721.91	8,893.13	580.47	8,911.15	0.05	-0.03	-0.04
20,062.00	90.07	0.71	11,721.86	8,988.12	581.90	9,006.09	0.33	0.08	-0.32
20,157.00	90.07	0.81	11,721.75	9,083.11	583.16	9,101.02	0.11	0.00	0.11
20,252.00	90.04	1.49	11,721.66	9,178.09	585.07	9,195.98	0.72	-0.03	0.72
20,346.00	90.16	0.76	11,721.49	9,272.07	586.91	9,289.93	0.79	0.13	-0.78
20,441.00	90.15	0.83	11,721.23	9,367.06	588.23	9,384.87	0.07	-0.01	0.07
20,536.00	89.99	0.26	11,721.12	9,462.06	589.13	9,479.78	0.62	-0.17	-0.60
20,631.00	90.16	0.96	11,720.99	9,557.05	590.15	9,574.71	0.76	0.18	0.74
20,725.00	89.99	1.19	11,720.87	9,651.03	591.91	9,668.66	0.30	-0.18	0.24
20,821.00	90.10	0.93	11,720.80	9,747.02	593.68	9,764.61	0.29	0.11	-0.27
20,916.00	90.27	0.54	11,720.49	9,842.01	594.90	9,859.54	0.45	0.18	-0.41
21,010.00	90.12	0.46	11,720.17	9,936.01	595.72	9,953.45	0.18	-0.16	-0.09
21,105.00	90.04	0.65	11,720.04	10,031.00	596.64	10,048.37	0.22	-0.08	0.20
21,200.00	89.86	1.66	11,720.12	10,125.98	598.56	10,143.32	1.08	-0.19	1.06
21,295.00	90.12	0.97	11,720.14	10,220.95	600.74	10,238.29	0.78	0.27	-0.73
21,390.00	90.23	359.77	11,719.85	10,315.95	601.35	10,333.19	1.27	0.12	-1.26
21,484.00	90.33	0.48	11,719.39	10,409.95	601.56	10,427.08	0.76	0.11	0.76
21,580.00	90.08	1.54	11,719.04	10,505.93	603.25	10,523.02	1.13	-0.26	1.10



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3728.20usft (H&P 313)
Site:	Mozzarella Fed Com	MD Reference:	RKB @ 3728.20usft (H&P 313)
Well:	603H	North Reference:	True
Wellbore:	OH / 67731	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)	
21,675.00	90.45	359.95	11,718.60	10,600.92	604.48	10,617.95	1.72	0.39	-1.67	
21,769.00	90.15	358.92	11,718.11	10,694.91	603.56	10,711.77	1.14	-0.32	-1.10	
21,864.00	90.10	359.00	11,717.90	10,789.90	601.83	10,806.55	0.10	-0.05	0.08	
21,959.00	90.29	359.28	11,717.58	10,884.88	600.41	10,901.34	0.36	0.20	0.29	
22,054.00	90.30	358.56	11,717.09	10,979.87	598.62	10,996.10	0.76	0.01	-0.76	
22,149.00	90.08	359.00	11,716.78	11,074.84	596.59	11,090.86	0.52	-0.23	0.46	
22,243.00	90.10	359.19	11,716.63	11,168.83	595.11	11,184.65	0.20	0.02	0.20	
22,338.00	90.13	359.42	11,716.44	11,263.82	593.96	11,279.46	0.24	0.03	0.24	
22,433.00	90.14	359.51	11,716.21	11,358.82	593.07	11,374.28	0.10	0.01	0.09	
22,443.00	90.14	359.51	11,716.19	11,368.82	592.98	11,384.27	0.00	0.00	0.00	
Final Phoenix MWD Survey										
22,480.00	90.14	359.51	11,716.10	11,405.82	592.67	11,421.20	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	0.68	-0.32	First Phoenix MWD Survey	
22,443.00	11,716.19	11,368.82	592.98	Final Phoenix MWD Survey	
22,480.00	11,716.10	11,405.82	592.67	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. 30-025-46757		
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: 603H		
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	2219	West	Lea
BH:	B	32	21S	32E		105	North	2460	East	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	5/09/21		5/12/21			7/16/21		3703		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22,500			22,436			Yes		Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
12,149 - 22,428										
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		40		5333		12-1/4		940 sx		
5-1/2		20		22472		8-3/4				
5-1/2		20		22472		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) 12,149 - 22,428, 2094 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,149 - 22,428		26,273,676 gals slick water		
								26,539,946# 100 mesh sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
7/28/21		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			1916	2699	12358	1409			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	830		1916	2699	12358	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 				Printed Name Kanicia Schlichting				Title Sr. Regulatory Analyst Date 9/08/21		
E-mail Address Kanicia.schlichting@cdevinc.com										

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 48049

ACKNOWLEDGMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 48049
	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 48049

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 48049
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/27/2021