

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 3/31/21
⁴ API Number 30 - 0 25-45557	⁵ Pool Name Antelope Ridge; Wolfcamp	⁶ Pool Code 2220
⁷ Property Code 318027	⁸ Property Name Romeo Fed Com	⁹ Well Number 701H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 22	Township 24S	Range 34E	Lot Idn	Feet from the 400	North/South Line North	Feet from the	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. E	Section 27	Township 24S	Range 34E	Lot Idn	Feet from the 2537	North/South line North	Feet from the 819	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 3/31/21	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
24650	Versado Gas Processors LLC	G
329971	Oryx Delaware Oil Gathering NM, LLC	O
371960	Lucid Energy Delaware, LLC	G

IV. Well Completion Data

²¹ Spud Date 1/27/20	²² Ready Date 3/31/21	²³ TD 19,596MD/12,381TVD	²⁴ PBDT 19,560	²⁵ Perforations 12,760- 19,556'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12-1/4		9-5/8	1,350		575
8-3/4		7-5/8	11,610		810
6-3/4		5-1/2	19,596		1355

V. Well Test Data

³¹ Date New Oil 4/7/21	³² Gas Delivery Date 4/7/21	³³ Test Date 04/12/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 986	³⁶ Csg. Pressure 590
³⁷ Choke Size 0.625	³⁸ Oil 1,211	³⁹ Water 6,309	⁴⁰ Gas 2,029		⁴¹ Test Method Flowing TBG
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: Meghan Twele					
Title: Sr. Regulatory Analyst					
E-mail Address: Meghan.twele@cdevinc.com					
Date: 12/1/21		Phone: 720-339-6880			

Form C-102
Revised August 1, 2011
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Diagram illustrating the Proposed Well Bore (Detail "A") showing the well path and dimensions:

- Inclination:** 3.4°
- Vertical Distance:** 400'
- Horizontal Distance (Left):** 791'
- Horizontal Distance (Right):** 817'
- Well Path:** Indicated by a green line.
- Start Point:** Labeled "SHL".
- End Point:** Labeled "SHL".
- Detail Label:** Detail "A"
- Scale:** No Scale



Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Romeo Federal Com
701H**

OH / 67471

Survey: Phoenix MWD Surveys

Standard Survey Report

19 March, 2021





Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 701H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3560.20usft (H&P 313)
Site:	Romeo Federal Com	MD Reference:	RKB @ 3560.20usft (H&P 313)
Well:	701H	North Reference:	True
Wellbore:	OH / 67471	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	Romeo Federal Com		
Site Position:		Northing:	11,695,049.42 usft
From:	Map	Easting:	2,115,429.74 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 33.091838 N
		Longitude:	103° 27' 49.495142 W
		Grid Convergence:	0.82 °

Well	701H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 12' 33.091838 N
		Longitude:	103° 27' 49.495142 W
		Ground Level:	3,535.20 usft

Wellbore	OH / 67471		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	4/8/2021	6.40
			Dip Angle (°)
			59.79
			Field Strength (nT)
			47,636.01521695

Design	Surveys (H&P 313)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	1,335.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			180.00

Survey Program	Date	3/19/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
144.00	1,335.00	Integrity MWD Surveys (OH / Surface)	MWD	OWSG MWD - Standard
1,439.00	19,596.00	Phoenix MWD Surveys (OH / 67471)	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)
1,335.00	3.47	264.51	1,334.75	-12.90	-7.69	12.90	0.00	0.00	0.00
Tie In									
1,439.00	4.94	275.26	1,438.47	-12.79	-15.28	12.79	1.60	1.41	10.34
First Phoenix MWD Survey									
1,534.00	2.01	316.55	1,533.30	-11.20	-20.51	11.20	3.87	-3.08	43.46
1,629.00	3.69	30.27	1,628.20	-7.35	-20.11	7.35	3.87	1.77	77.60
1,713.00	4.90	38.88	1,711.96	-2.23	-16.50	2.23	1.63	1.44	10.25
1,808.00	4.61	40.62	1,806.64	3.83	-11.46	-3.83	0.34	-0.31	1.83
1,902.00	4.40	42.95	1,900.35	9.34	-6.55	-9.34	0.30	-0.22	2.48



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Site:	Romeo Federal Com	MD Reference:	RKB @ 3560.20usft (H&P 313)
Well:	701H	North Reference:	True
Wellbore:	OH / 67471	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)
1,996.00	5.04	42.71	1,994.03	15.01	-1.29	-15.01	0.68	0.68	-0.26
2,090.00	3.56	49.33	2,087.76	19.95	3.72	-19.95	1.66	-1.57	7.04
2,185.00	3.60	58.67	2,182.58	23.42	8.51	-23.42	0.61	0.04	9.83
2,280.00	1.59	22.22	2,277.48	26.19	11.56	-26.19	2.64	-2.12	-38.37
2,385.00	2.50	296.97	2,382.43	28.58	10.07	-28.58	2.71	0.87	-81.19
2,479.00	3.07	295.30	2,476.32	30.58	5.96	-30.58	0.61	0.61	-1.78
2,573.00	3.70	295.79	2,570.16	32.98	0.96	-32.98	0.67	0.67	0.52
2,668.00	4.12	298.25	2,664.93	35.93	-4.81	-35.93	0.48	0.44	2.59
2,763.00	3.88	295.23	2,759.70	38.91	-10.72	-38.91	0.34	-0.25	-3.18
2,857.00	4.08	323.22	2,853.48	42.95	-15.60	-42.95	2.06	0.21	29.78
2,952.00	4.94	8.48	2,948.22	49.70	-17.02	-49.70	3.74	0.91	47.64
3,046.00	5.92	41.88	3,041.82	57.32	-13.19	-57.32	3.46	1.04	35.53
3,140.00	7.83	88.23	3,135.21	61.13	-3.55	-61.13	6.04	2.03	49.31
3,235.00	6.38	108.14	3,229.49	59.68	7.94	-59.68	2.99	-1.53	20.96
3,329.00	2.57	122.66	3,323.19	56.92	14.68	-56.92	4.20	-4.05	15.45
3,424.00	1.22	197.37	3,418.14	54.80	16.17	-54.80	2.67	-1.42	78.64
3,518.00	1.00	219.95	3,512.13	53.22	15.35	-53.22	0.52	-0.23	24.02
3,613.00	1.04	201.36	3,607.11	51.78	14.50	-51.78	0.35	0.04	-19.57
3,707.00	1.28	219.09	3,701.09	50.17	13.53	-50.17	0.46	0.26	18.86
3,801.00	2.61	246.16	3,795.04	48.49	10.91	-48.49	1.68	1.41	28.80
3,895.00	3.04	254.89	3,888.92	46.98	6.54	-46.98	0.65	0.46	9.29
4,084.00	0.45	335.29	4,077.83	46.35	1.39	-46.35	1.59	-1.37	42.54
4,178.00	0.43	287.42	4,171.83	46.79	0.90	-46.79	0.38	-0.02	-50.93
4,273.00	0.94	275.54	4,266.82	46.97	-0.21	-46.97	0.55	0.54	-12.51
4,367.00	1.44	306.85	4,360.80	47.75	-1.93	-47.75	0.85	0.53	33.31
4,461.00	2.21	10.51	4,454.76	50.24	-2.54	-50.24	2.16	0.82	67.72
4,556.00	0.67	35.17	4,549.73	52.50	-1.89	-52.50	1.71	-1.62	25.96
4,650.00	1.64	99.92	4,643.71	52.71	-0.24	-52.71	1.58	1.03	68.88
4,745.00	1.94	123.79	4,738.67	51.59	2.43	-51.59	0.84	0.32	25.13
4,839.00	1.12	238.61	4,832.65	50.22	2.97	-50.22	2.78	-0.87	122.15
4,934.00	1.32	159.83	4,927.63	48.71	2.55	-48.71	1.64	0.21	-82.93
5,028.00	3.15	127.06	5,021.56	46.14	4.99	-46.14	2.30	1.95	-34.86
5,123.00	3.34	118.11	5,116.41	43.26	9.51	-43.26	0.57	0.20	-9.42
5,217.00	1.56	70.19	5,210.33	42.40	13.13	-42.40	2.73	-1.89	-50.98
5,312.00	1.09	21.80	5,305.30	43.68	14.68	-43.68	1.23	-0.49	-50.94
5,406.00	0.86	6.57	5,399.29	45.21	15.10	-45.21	0.37	-0.24	-16.20
5,501.00	0.96	317.25	5,494.28	46.51	14.64	-46.51	0.81	0.11	-51.92
5,595.00	0.74	326.02	5,588.27	47.59	13.76	-47.59	0.27	-0.23	9.33
5,689.00	0.83	297.02	5,682.26	48.40	12.82	-48.40	0.43	0.10	-30.85
5,783.00	0.73	301.49	5,776.25	49.02	11.70	-49.02	0.12	-0.11	4.76
5,877.00	1.03	288.87	5,870.24	49.61	10.39	-49.61	0.38	0.32	-13.43
5,972.00	1.06	294.04	5,965.23	50.24	8.78	-50.24	0.10	0.03	5.44
6,067.00	0.97	289.71	6,060.21	50.87	7.22	-50.87	0.12	-0.09	-4.56



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Survey

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6,161.00	1.18	290.12	6,154.19	51.47	5.56	-51.47	0.22	0.22	0.44
6,256.00	1.23	282.79	6,249.17	52.03	3.65	-52.03	0.17	0.05	-7.72
6,350.00	1.21	283.64	6,343.15	52.49	1.70	-52.49	0.03	-0.02	0.90
6,445.00	1.17	291.30	6,438.13	53.08	-0.18	-53.08	0.17	-0.04	8.06
6,539.00	1.26	292.99	6,532.11	53.83	-2.02	-53.83	0.10	0.10	1.80
6,634.00	1.51	283.98	6,627.08	54.54	-4.20	-54.54	0.35	0.26	-9.48
6,729.00	1.27	286.87	6,722.05	55.15	-6.42	-55.15	0.26	-0.25	3.04
6,823.00	1.50	289.09	6,816.03	55.86	-8.58	-55.86	0.25	0.24	2.36
6,918.00	1.67	292.04	6,910.99	56.78	-11.04	-56.78	0.20	0.18	3.11
7,013.00	1.40	288.75	7,005.96	57.67	-13.42	-57.67	0.30	-0.28	-3.46
7,107.00	1.52	291.31	7,099.93	58.50	-15.67	-58.50	0.15	0.13	2.72
7,202.00	1.31	292.30	7,194.90	59.37	-17.85	-59.37	0.22	-0.22	1.04
7,296.00	0.27	5.37	7,288.89	60.00	-18.82	-60.00	1.34	-1.11	77.73
7,391.00	0.46	354.18	7,383.89	60.60	-18.84	-60.60	0.21	0.20	-11.78
7,485.00	1.10	86.31	7,477.88	61.03	-17.98	-61.03	1.29	0.68	98.01
7,580.00	0.98	74.12	7,572.86	61.31	-16.28	-61.31	0.26	-0.13	-12.83
7,675.00	0.66	84.56	7,667.85	61.59	-14.96	-61.59	0.37	-0.34	10.99
7,769.00	0.68	122.89	7,761.85	61.33	-13.95	-61.33	0.47	0.02	40.78
7,864.00	0.53	149.96	7,856.84	60.65	-13.26	-60.65	0.34	-0.16	28.49
7,958.00	0.71	187.79	7,950.84	59.69	-13.12	-59.69	0.46	0.19	40.24
8,052.00	0.96	202.09	8,044.83	58.39	-13.49	-58.39	0.34	0.27	15.21
8,146.00	0.26	240.42	8,138.82	57.55	-13.98	-57.55	0.82	-0.74	40.78
8,241.00	0.45	238.40	8,233.82	57.25	-14.48	-57.25	0.20	0.20	-2.13
8,336.00	0.51	233.66	8,328.82	56.81	-15.14	-56.81	0.08	0.06	-4.99
8,430.00	0.79	235.81	8,422.81	56.19	-16.01	-56.19	0.30	0.30	2.29
8,525.00	0.95	230.06	8,517.80	55.32	-17.16	-55.32	0.19	0.17	-6.05
8,619.00	1.16	245.63	8,611.78	54.43	-18.62	-54.43	0.38	0.22	16.56
8,713.00	1.18	255.67	8,705.76	53.79	-20.43	-53.79	0.22	0.02	10.68
8,807.00	1.46	253.20	8,799.74	53.21	-22.51	-53.21	0.30	0.30	-2.63
8,901.00	1.39	253.93	8,893.71	52.55	-24.75	-52.55	0.08	-0.07	0.78
8,996.00	1.83	250.50	8,988.67	51.72	-27.29	-51.72	0.47	0.46	-3.61
9,090.00	1.97	258.58	9,082.62	50.90	-30.29	-50.90	0.32	0.15	8.60
9,184.00	1.83	271.59	9,176.57	50.62	-33.37	-50.62	0.48	-0.15	13.84
9,279.00	1.56	291.34	9,271.53	51.14	-36.09	-51.14	0.67	-0.28	20.79
9,372.00	1.49	294.63	9,364.50	52.10	-38.37	-52.10	0.12	-0.08	3.54
9,466.00	0.84	309.64	9,458.48	53.05	-40.01	-53.05	0.76	-0.69	15.97
9,560.00	1.47	314.31	9,552.46	54.33	-41.41	-54.33	0.68	0.67	4.97
9,655.00	1.80	348.69	9,647.42	56.64	-42.57	-56.64	1.07	0.35	36.19
9,749.00	1.67	16.46	9,741.38	59.41	-42.47	-59.41	0.90	-0.14	29.54
9,842.00	2.12	25.36	9,834.33	62.26	-41.35	-62.26	0.58	0.48	9.57
9,936.00	2.88	25.81	9,928.24	65.96	-39.58	-65.96	0.81	0.81	0.48
10,124.00	2.81	14.22	10,116.01	74.68	-36.39	-74.68	0.31	-0.04	-6.16
10,218.00	2.89	15.05	10,209.89	79.20	-35.21	-79.20	0.10	0.09	0.88
10,406.00	2.23	50.26	10,397.71	86.11	-31.17	-86.11	0.89	-0.35	18.73



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Survey

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10,499.00	1.89	92.69	10,490.66	87.20	-28.24	-87.20	1.64	-0.37	45.62
10,592.00	1.72	76.40	10,583.61	87.45	-25.35	-87.45	0.58	-0.18	-17.52
10,686.00	1.09	90.89	10,677.58	87.77	-23.09	-87.77	0.76	-0.67	15.41
10,779.00	0.47	178.94	10,770.58	87.38	-22.20	-87.38	1.26	-0.67	94.68
10,968.00	0.98	197.36	10,959.56	85.06	-22.66	-85.06	0.29	0.27	9.75
11,062.00	3.24	186.94	11,053.49	81.66	-23.23	-81.66	2.43	2.40	-11.09
11,156.00	4.05	174.58	11,147.30	75.71	-23.23	-75.71	1.20	0.86	-13.15
11,249.00	3.20	159.73	11,240.12	70.01	-22.02	-70.01	1.35	-0.91	-15.97
11,343.00	2.82	156.36	11,333.99	65.43	-20.19	-65.43	0.45	-0.40	-3.59
11,436.00	1.40	187.23	11,426.93	62.21	-19.41	-62.21	1.90	-1.53	33.19
11,529.00	2.10	210.31	11,519.88	59.61	-20.42	-59.61	1.05	0.75	24.82
11,560.00	2.01	214.18	11,550.86	58.67	-21.01	-58.67	0.53	-0.29	12.48
11,640.00	2.77	216.54	11,630.79	55.95	-22.95	-55.95	0.96	0.95	2.95
11,733.00	3.43	209.43	11,723.66	51.73	-25.65	-51.73	0.82	0.71	-7.65
11,826.00	2.93	201.76	11,816.51	47.09	-27.90	-47.09	0.70	-0.54	-8.25
11,920.00	13.26	197.64	11,909.45	34.56	-32.07	-34.56	11.00	10.99	-4.38
12,013.00	18.85	195.60	11,998.79	9.90	-39.35	-9.90	6.04	6.01	-2.19
12,107.00	36.91	183.20	12,081.60	-33.30	-45.06	33.30	20.08	19.21	-13.19
12,152.00	37.91	182.10	12,117.34	-60.61	-46.32	60.61	2.67	2.22	-2.44
12,200.00	39.56	181.03	12,154.78	-90.63	-47.13	90.63	3.71	3.44	-2.23
12,247.00	44.70	178.54	12,189.63	-122.14	-46.98	122.14	11.50	10.94	-5.30
12,294.00	51.74	176.47	12,220.93	-157.13	-45.42	157.13	15.33	14.98	-4.40
12,341.00	56.82	177.46	12,248.36	-195.22	-43.41	195.22	10.94	10.81	2.11
12,387.00	57.44	178.85	12,273.33	-233.83	-42.17	233.83	2.87	1.35	3.02
12,434.00	62.93	176.31	12,296.69	-274.55	-40.43	274.55	12.59	11.68	-5.40
12,482.00	70.36	175.51	12,315.70	-318.48	-37.28	318.48	15.55	15.48	-1.67
12,529.00	70.95	175.56	12,331.27	-362.69	-33.82	362.69	1.26	1.26	0.11
12,576.00	72.39	175.34	12,346.05	-407.16	-30.28	407.16	3.10	3.06	-0.47
12,623.00	74.90	175.15	12,359.29	-452.10	-26.55	452.10	5.35	5.34	-0.40
12,692.00	76.27	175.84	12,376.46	-518.72	-21.30	518.72	2.21	1.99	1.00
12,739.00	78.19	176.52	12,386.85	-564.45	-18.25	564.45	4.32	4.09	1.45
12,786.00	85.18	179.23	12,393.65	-610.90	-16.53	610.90	15.93	14.87	5.77
12,893.00	87.59	178.84	12,400.39	-717.66	-14.73	717.66	2.28	2.25	-0.36
12,986.00	92.50	179.14	12,400.32	-810.62	-13.09	810.62	5.29	5.28	0.32
13,080.00	94.02	178.43	12,394.97	-904.44	-11.11	904.44	1.78	1.62	-0.76
13,173.00	93.55	176.96	12,388.83	-997.16	-7.37	997.16	1.66	-0.51	-1.58
13,266.00	94.33	176.32	12,382.44	-1,089.78	-1.94	1,089.78	1.08	0.84	-0.69
13,453.00	90.15	177.13	12,375.14	-1,276.29	8.74	1,276.29	2.28	-2.24	0.43
13,546.00	89.50	176.32	12,375.42	-1,369.13	14.05	1,369.13	1.12	-0.70	-0.87
13,640.00	89.45	177.71	12,376.28	-1,463.00	18.94	1,463.00	1.48	-0.05	1.48
13,733.00	88.48	179.47	12,377.96	-1,555.95	21.23	1,555.95	2.16	-1.04	1.89
13,827.00	89.14	180.23	12,379.91	-1,649.93	21.48	1,649.93	1.07	0.70	0.81
13,920.00	89.82	181.83	12,380.76	-1,742.91	19.81	1,742.91	1.87	0.73	1.72



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 701H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3560.20usft (H&P 313)
Site:	Romeo Federal Com	MD Reference:	RKB @ 3560.20usft (H&P 313)
Well:	701H	North Reference:	True
Wellbore:	OH / 67471	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)
14,013.00	86.99	179.75	12,383.35	-1,835.85	18.52	1,835.85	3.78	-3.04	-2.24
14,107.00	86.63	182.92	12,388.58	-1,929.66	16.34	1,929.66	3.39	-0.38	3.37
14,200.00	86.03	183.84	12,394.53	-2,022.31	10.87	2,022.31	1.18	-0.65	0.99
14,293.00	89.93	182.21	12,397.81	-2,115.10	5.96	2,115.10	4.54	4.19	-1.75
14,387.00	91.52	181.05	12,396.62	-2,209.05	3.29	2,209.05	2.09	1.69	-1.23
14,480.00	90.04	181.06	12,395.35	-2,302.03	1.58	2,302.03	1.59	-1.59	0.01
14,574.00	89.93	181.13	12,395.38	-2,396.01	-0.22	2,396.01	0.14	-0.12	0.07
14,668.00	90.04	181.56	12,395.40	-2,489.98	-2.43	2,489.98	0.47	0.12	0.46
14,762.00	89.62	180.31	12,395.68	-2,583.97	-3.96	2,583.97	1.40	-0.45	-1.33
14,856.00	90.55	181.83	12,395.54	-2,677.95	-5.71	2,677.95	1.90	0.99	1.62
14,950.00	89.28	182.03	12,395.68	-2,771.89	-8.88	2,771.89	1.37	-1.35	0.21
15,044.00	88.56	180.34	12,397.45	-2,865.85	-10.82	2,865.85	1.95	-0.77	-1.80
15,233.00	90.62	183.14	12,398.81	-3,054.73	-16.56	3,054.73	1.84	1.09	1.48
15,327.00	88.73	181.62	12,399.34	-3,148.64	-20.47	3,148.64	2.58	-2.01	-1.62
15,514.00	91.16	180.44	12,399.52	-3,335.59	-23.83	3,335.59	1.44	1.30	-0.63
15,607.00	89.76	177.61	12,398.77	-3,428.56	-22.24	3,428.56	3.39	-1.51	-3.04
15,701.00	90.22	180.04	12,398.79	-3,522.54	-20.32	3,522.54	2.63	0.49	2.59
15,887.00	90.16	181.22	12,398.17	-3,708.52	-22.36	3,708.52	0.64	-0.03	0.63
15,981.00	89.82	179.49	12,398.19	-3,802.52	-22.94	3,802.52	1.88	-0.36	-1.84
16,167.00	91.32	178.95	12,396.34	-3,988.48	-20.41	3,988.48	0.86	0.81	-0.29
16,261.00	90.39	178.31	12,394.94	-4,082.45	-18.17	4,082.45	1.20	-0.99	-0.68
16,355.00	91.46	178.51	12,393.42	-4,176.40	-15.56	4,176.40	1.16	1.14	0.21
16,543.00	90.76	179.95	12,389.78	-4,364.34	-13.03	4,364.34	0.85	-0.37	0.77
16,637.00	92.00	181.78	12,387.51	-4,458.29	-14.45	4,458.29	2.35	1.32	1.95
16,731.00	90.62	180.56	12,385.36	-4,552.24	-16.37	4,552.24	1.96	-1.47	-1.30
16,826.00	91.27	181.15	12,383.80	-4,647.22	-17.79	4,647.22	0.92	0.68	0.62
16,920.00	93.75	182.75	12,379.68	-4,741.07	-20.98	4,741.07	3.14	2.64	1.70
17,014.00	91.67	180.20	12,375.24	-4,834.92	-23.39	4,834.92	3.50	-2.21	-2.71
17,109.00	89.76	178.05	12,374.05	-4,929.89	-21.94	4,929.89	3.03	-2.01	-2.26
17,203.00	87.11	176.86	12,376.62	-5,023.75	-17.77	5,023.75	3.09	-2.82	-1.27
17,392.00	90.13	178.33	12,381.17	-5,212.50	-9.85	5,212.50	1.78	1.60	0.78
17,486.00	90.22	178.30	12,380.88	-5,306.46	-7.08	5,306.46	0.10	0.10	-0.03
17,674.00	90.01	175.11	12,380.50	-5,494.13	3.72	5,494.13	1.70	-0.11	-1.70
17,769.00	88.48	176.88	12,381.76	-5,588.88	10.36	5,588.88	2.46	-1.61	1.86
17,863.00	89.47	177.04	12,383.44	-5,682.73	15.34	5,682.73	1.07	1.05	0.17
17,957.00	89.75	177.38	12,384.08	-5,776.62	19.92	5,776.62	0.47	0.30	0.36
18,052.00	88.08	179.65	12,385.88	-5,871.56	22.38	5,871.56	2.97	-1.76	2.39
18,146.00	87.36	178.62	12,389.62	-5,965.47	23.80	5,965.47	1.34	-0.77	-1.10
18,335.00	90.73	182.03	12,392.77	-6,154.39	22.72	6,154.39	2.54	1.78	1.80
18,429.00	91.18	181.68	12,391.20	-6,248.32	19.68	6,248.32	0.61	0.48	-0.37
18,524.00	91.44	181.65	12,389.03	-6,343.26	16.92	6,343.26	0.28	0.27	-0.03
18,618.00	91.89	180.70	12,386.30	-6,437.20	14.99	6,437.20	1.12	0.48	-1.01
18,713.00	88.87	180.29	12,385.67	-6,532.18	14.17	6,532.18	3.21	-3.18	-0.43



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 701H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3560.20usft (H&P 313)
Site:	Romeo Federal Com	MD Reference:	RKB @ 3560.20usft (H&P 313)
Well:	701H	North Reference:	True
Wellbore:	OH / 67471	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)	
18,901.00	90.53	180.26	12,386.65	-6,720.17	13.27	6,720.17	0.88	0.88	-0.02	
18,995.00	89.51	179.89	12,386.62	-6,814.17	13.15	6,814.17	1.15	-1.09	-0.39	
19,089.00	89.71	179.43	12,387.26	-6,908.16	13.70	6,908.16	0.53	0.21	-0.49	
19,184.00	90.36	178.85	12,387.20	-7,003.15	15.13	7,003.15	0.92	0.68	-0.61	
19,278.00	89.99	181.00	12,386.91	-7,097.15	15.25	7,097.15	2.32	-0.39	2.29	
19,372.00	90.82	181.06	12,386.25	-7,191.13	13.56	7,191.13	0.89	0.88	0.06	
19,540.00	91.72	181.18	12,382.52	-7,359.05	10.28	7,359.05	0.54	0.54	0.07	
Final Phoenix MWD Survey										
19,596.00	91.72	181.18	12,380.84	-7,415.02	9.13	7,415.02	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)		
1,335.00	1,334.75	-12.90	-7.69	Tie In	
1,439.00	1,438.47	-12.79	-15.28	First Phoenix MWD Survey	
19,540.00	12,382.52	-7,359.05	10.28	Final Phoenix MWD Survey	
19,596.00				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										
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 Romeo Federal Com 6. Well Number: 701H			
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 Antelope Ridge; WC, 2220			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	22	24S	34E		400	North	817	West	Lea
BH:	E	27	24S	34E		2537	North	819	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.)		
1/27/21	3/14/21		3/16/21		3/31/21			3535		
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
19,596			19,560		Yes			Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,760 - 19,556										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9-5/8		40		1350		12-1/4		575 sx		
7-5/8		29.7		11610		8-3/4		810 sx		
5-1/2		20		19596		6-3/4		1355 sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2-7/8	11,887			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
12,760 - 19,556, 1392 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,760 - 19,556		14,112,546 gals slick water		
								16,888,170# 100 mesh sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
4/07/21		Gas Lift				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
4/12/21	24	0.625		1211	2029	6309	1676			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
986	590		1211	2029	6309	42				
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 Printed Name Meghan Twele Title Sr. Regulatory Analyst Date 11/29/21										
Signature _____ E-mail Address meghan.twele@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. Salado	1826	T. Ojo Alamo	T. Penn A "	
T. Salt	T. Lamar	5466	T. Kirtland	T. Penn. "B"	
B. Salt	T. Bell Canyon	5490	T. Fruitland	T. Penn. "C"	
T. Yates	T. Cherry Canyon	6394	T. Pictured Cliffs	T. Penn. "D"	
T. 7 Rivers	T. Manzanita Lime	6620	T. Cliff House	T. Leadville	
T. Queen	T. Brushy Canyon	7791	T. Menefee	T. Madison	
T. Grayburg	T. Bone Spring Lime	9240	T. Point Lookout	T. Elbert	
T. San Andres	T. Avalon Shale	9290	T. Mancos	T. McCracken	
T. Glorieta	T. 1st Bone Spring Sand	10,260	T. Gallup	T. Ignacio Otzte	
T. Paddock	T. 2nd Bone Spring Sand	10,852	Base Greenhorn	T. Granite	
T. Blinebry	T. 3rd Bone Spring Carb	11,310	T. Dakota		
T. Tubb	T. 3rd Bone Spring Sand	11,897	T. Morrison		
T. Drinkard	T. Wolfcamp	12,642	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 78088

ACKNOWLEDGMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 78088
	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.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 78088

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 78088
	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". Something is needed on your end to fix this. File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	2/15/2022