

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. 30-025-46594								
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)		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN								
		3. State Oil & Gas Lease No.								
5. Lease Name or Unit Agreement Name Chorizo 12 State Com		6. Well Number: 603Y								
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 St., #1800, Denver, CO 80202		11. Pool name or Wildcat Grama Ridge, Bone Spring, NE								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	36	21S	34E		1477	South	1682	West	Lea
BH:	F	12	22S	34E		2548	North	2340	West	Lea
13. Date Spudded 12/12/19	14. Date T.D. Reached 01/07/20		15. Date Rig Released 01/09/20		16. Date Completed (Ready to Produce) 02/04/20			17. Elevations (DF and RKB, RT, GR, etc.) 3633.5		
18. Total Measured Depth of Well 20,318			19. Plug Back Measured Depth 20,269		20. Was Directional Survey Made? yes			21. Type Electric and Other Logs Run Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,499 - 20,260										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5		1897'		17.50		1500		
9.625		40		5595'		12.25		2785		
5.5		20				8.75				
5.5		20		20,308		6.75		1125		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
26. Perforation record (interval, size, and number) 11,499-20,260, 42, 1986 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,499 - 20,260		18,126,435 gals of slick water		
								20,870,360 #100 mesh sand		
28. PRODUCTION										
Date First Production 02/04/20		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 02/08/20	Hours Tested 24	Choke Size 1.094	Prod'n For Test Period	Oil - Bbl 2,956/ 3,932	Gas - MCF 3,053/ 4,061	Water - Bbl. 5,854/ 7,786	Gas - Oil Ratio 1,033			
Flow Tubing Press.	Casing Pressure 975	Calculated 24-Hour Rate	Oil - Bbl. 2,956/ 3,932	Gas - MCF 3,053/ 4,061	Water - Bbl. 5,854/ 7,786	Oil Gravity - API - (<i>Corr.</i>) 42.0				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By			
31. List Attachments C-102, C-104, Survey, Additional Points Required, Log submitted online										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 01/09/20			
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 Michelle Gonzales			Title Regulatory Analyst			Date 03/10/20	
E-mail Address michelle.gonzales@cdevinc.com										

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10. Address of Operator 1001 17th St., #1800, Denver, CO 80202		11. Pool name or Wildcat Ojo Chiso; Bone Spring								
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24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	
									PACKER SET	
26. Perforation record (interval, size, and number) 11499' - 20260', 42, 1986 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,499 - 20,260		18,126,435 gals of slick water		
								20,870,360 #100 mesh sand		
28. PRODUCTION										
Date First Production 02/04/20		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 02/08/20	Hours Tested 24	Choke Size 1.094	Prod'n For Test Period	Oil - Bbl 976/3,932	Gas - MCF 1,008/ 4,061	Water - Bbl. 1,932/ 7,786	Gas - Oil Ratio 1,033			
Flow Tubing Press.	Casing Pressure 975	Calculated 24-Hour Rate	Oil - Bbl. 976/ 3,932	Gas - MCF 1,008/ 4,061	Water - Bbl. 1,932/ 7,786	Oil Gravity - API - (<i>Corr.</i>) 42.0				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By			
31. List Attachments C-102, C-104, Survey, Additional Points Required, Log submitted online										
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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 Michelle Gonzales			Title Regulatory Analyst			Date 03/10/20	
E-mail Address michelle.gonzales@cdevinc.com										

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Capitan Reef 4393	T. Kirtland	T. Penn. "B"
B. Salt	T. Cherry Canyon 5630	T. Fruitland	T. Penn. "C"
T. Yates	T. Manzanita Lime 6031	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Brushy Canyon 6930	T. Cliff House	T. Leadville
T. Queen	T. Bone Spring Lime 8404	T. Menefee	T. Madison
T. Grayburg	T. Avalon Shale 8631	T. Point Lookout	T. Elbert
T. San Andres	T. First Bone Spring Sand 9585	T. Mancos	T. McCracken
T. Glorieta	T. Second Bone Spring Carb 9764	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Second Bone Spring Sand 10116	Base Greenhorn	T. Granite
T. Blinebry	T. Third Bone Spring Carb 10,511	T. Dakota	
T. Tubb	T. Third Bone Spring Sand 10,927	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	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

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 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 30-025-46594	² Pool Code 28435	³ Pool Name Grama Ridge; Bone Spring NE
⁴ Property Code 322870	⁵ Property Name CHORIZO 12 STATE COM	⁶ Well Number 603Y
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3633.5'

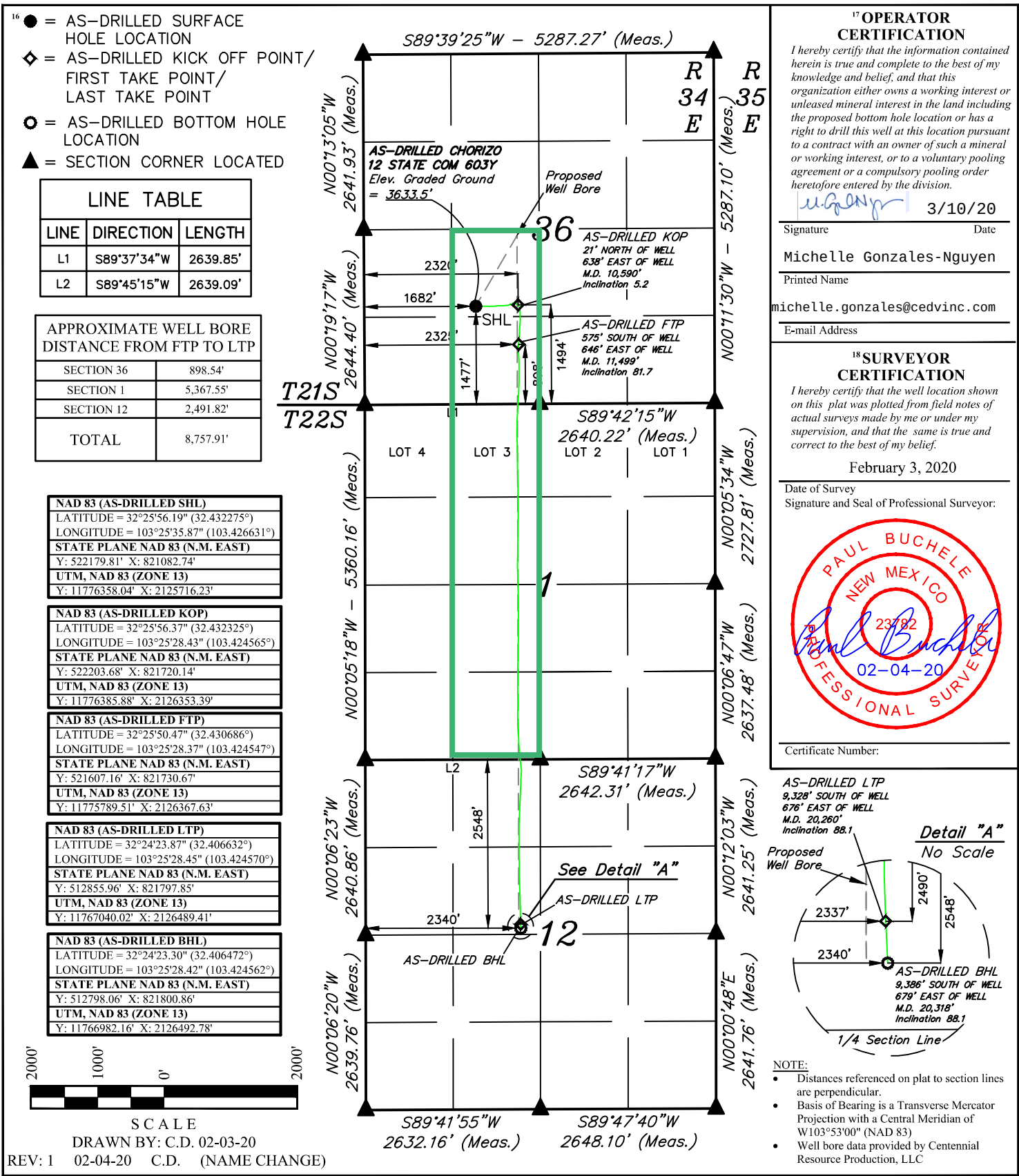
¹⁰ Surface Location

UL or lot no. K	Section 36	Township 21S	Range 34E	Lot Idn	Feet from the 1477	North/South line SOUTH	Feet from the 1682	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. F	Section 12	Township 22S	Range 34E	Lot Idn	Feet from the 2548	North/South line NORTH	Feet from the 2340	East/West line WEST	County LEA
¹² Dedicated Acres 242.45	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.



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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46594	² Pool Code 96553	³ Pool Name Ojo Chiso; Bone Spring
⁴ Property Code 322870	⁵ Property Name CHORIZO 12 STATE COM	⁶ Well Number 603Y
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3633.5'

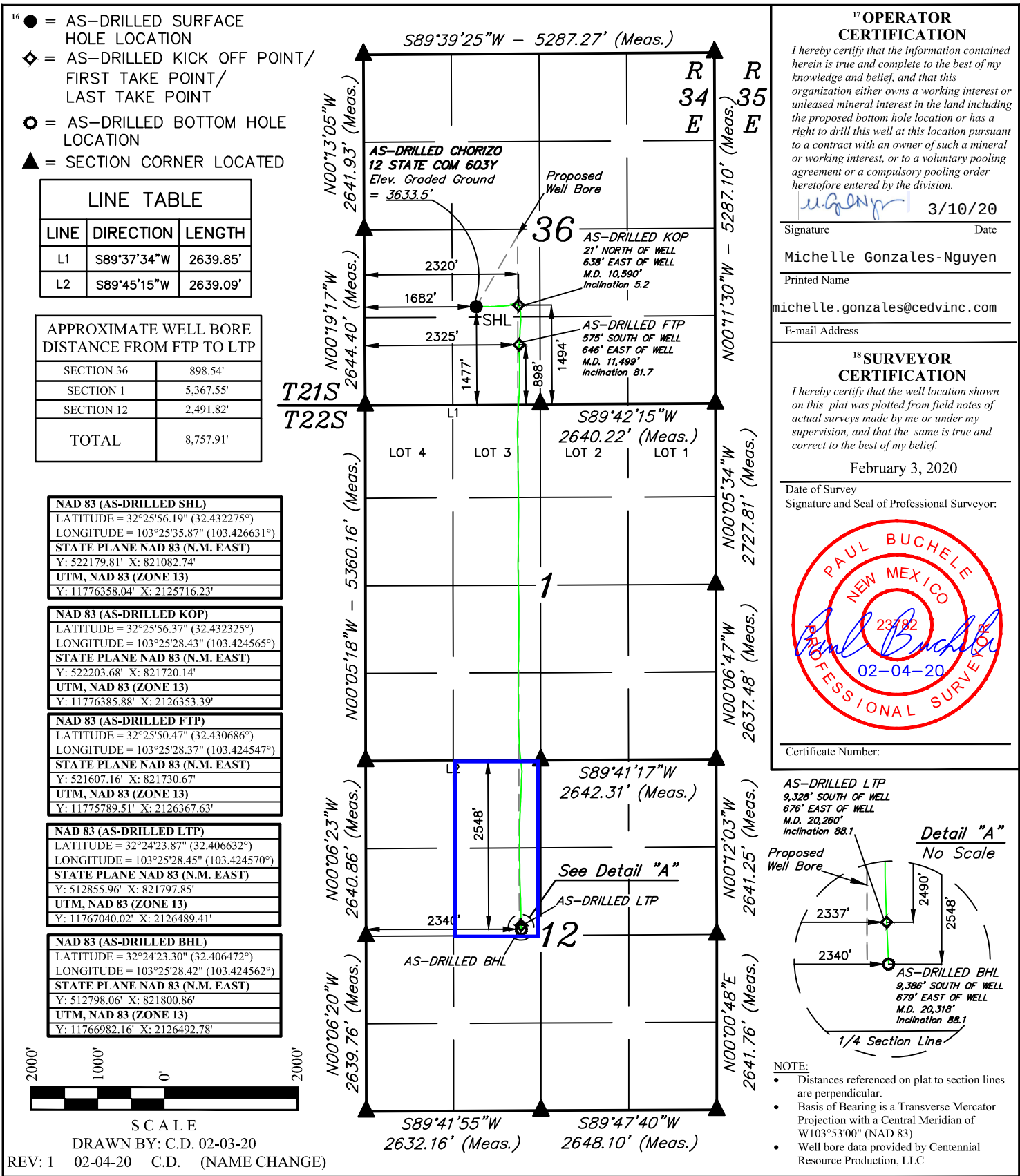
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--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

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UL or lot no. F	Section 12	Township 22S	Range 34E	Lot Idn	Feet from the 2548	North/South line NORTH	Feet from the 2340	East/West line WEST	County LEA
¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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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 02/04/20
⁴ API Number 30 - 0 25-46594	⁵ Pool Name Grama Ridge; Bone Spring NE	⁶ Pool Code 28435 Kz
⁷ Property Code 322870	⁸ Property Name Chorizo 12 State Com	⁹ Well Number 603Y

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	36	21S	34E		1477	South	1682	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	12	22S	34E		2548	North	2340	West	Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 02/04/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

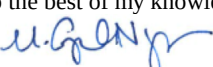
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Targa Midstream Services, LLC	G
	Oryx Delaware Oil Gathering NM LLC	O

IV. Well Completion Data

²¹ Spud Date 12/12/19	²² Ready Date 02/03/20	²³ TD 20,318 MD	²⁴ PBDT	²⁵ Perforations 11,499 - 20,260	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	1897	1500		
12-1/4	9-5/8	5595	2275		
8-3/4	7-5/8	10590	510		
6-3/4	5-1/2	20308	1125		

V. Well Test Data Request tubing exception

³¹ Date New Oil 02/04/20	³² Gas Delivery Date 02/04/20	³³ Test Date 02/08/20	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 975
³⁷ Choke Size 1.094	³⁸ Oil 2,956/ 3,932	³⁹ Water 5,854/ 7,786	⁴⁰ Gas 3,053/ 4,061		⁴¹ Test Method F

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: Michelle Gonzales-Nguyen	Approved by: 
Title: Regulatory Analyst	Title: LM II
E-mail Address: michelle.gonzales@cdevinc.com	Approval Date: 3/24/2020
Date: 03/04/20	Phone: 720-499-1565

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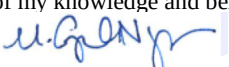
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Printed name: Michelle Gonzales-Nguyen	Approved by: Patricia Martinez
Title: Regulatory Analyst	Title: LM II
E-mail Address: michelle.gonzales@cdevinc.com	Approval Date: 3/24/2020
Date: 02/04/20	Phone: 720-499-1565



Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Chorizo 12 State Com
603Y**

OH / 65873

Survey: Phoenix MWD Surveys

Standard Survey Report

07 January, 2020



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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	Chorizo 12 State Com		
Site Position:		Northing:	11,776,359.14 usft
From:	Map	Easting:	2,125,745.97 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.432277
		Longitude:	-103.426535
		Grid Convergence:	0.84 °

Well	603Y		
Well Position	+N/-S	0.00 usft	Northing: 11,776,358.62 usft
	+E/-W	0.00 usft	Easting: 2,125,715.98 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.432276
		Longitude:	-103.426632
		Ground Level:	3,632.30 usft

Wellbore	OH / 65873		
Magnetics	Model Name	Sample Date	Declination (°)
	User Defined	12/12/2019	6.64
			Dip Angle (°) 60.10
			Field Strength (nT) 47,976.00000000

Design	Surveys (H&P 618)		
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 (°) 176.29

Survey Program	Date 1/7/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
184.00	20,318.00	Phoenix MWD Surveys (OH / 65873)	MWD+IFR1+MS
			Description 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
184.00	0.19	320.36	184.00	0.23	-0.19	-0.25	0.10	0.10	0.00
First Phoenix MWD Survey									
246.00	0.10	29.25	246.00	0.36	-0.23	-0.38	0.29	-0.15	111.11
303.00	0.09	26.85	303.00	0.44	-0.19	-0.46	0.02	-0.02	-4.21
362.00	0.15	13.90	362.00	0.56	-0.15	-0.57	0.11	0.10	-21.95
421.00	0.18	14.02	421.00	0.73	-0.11	-0.73	0.05	0.05	0.20
479.00	0.14	19.89	479.00	0.88	-0.06	-0.88	0.07	-0.07	10.12
539.00	0.11	22.97	539.00	1.00	-0.02	-1.00	0.05	-0.05	5.13
601.00	0.17	3.69	601.00	1.15	0.01	-1.15	0.12	0.10	-31.10
662.00	0.24	339.95	662.00	1.36	-0.02	-1.36	0.18	0.11	-38.92

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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)
754.00	0.30	359.14	754.00	1.78	-0.09	-1.78	0.12	0.07	20.86
845.00	0.35	352.45	845.00	2.30	-0.13	-2.30	0.07	0.05	-7.35
937.00	0.24	10.87	936.99	2.76	-0.13	-2.77	0.16	-0.12	20.02
1,029.00	0.07	358.69	1,028.99	3.01	-0.10	-3.01	0.19	-0.18	-13.24
1,119.00	0.07	166.02	1,118.99	3.01	-0.09	-3.01	0.15	0.00	185.92
1,209.00	0.23	254.67	1,208.99	2.91	-0.25	-2.92	0.27	0.18	98.50
1,300.00	0.12	252.33	1,299.99	2.83	-0.52	-2.86	0.12	-0.12	-2.57
1,391.00	0.23	294.41	1,390.99	2.88	-0.77	-2.92	0.18	0.12	46.24
1,482.00	0.24	280.18	1,481.99	2.99	-1.13	-3.05	0.06	0.01	-15.64
1,576.00	0.38	270.25	1,575.99	3.02	-1.63	-3.12	0.16	0.15	-10.56
1,670.00	0.47	242.47	1,669.99	2.85	-2.29	-2.99	0.24	0.10	-29.55
1,765.00	0.10	284.48	1,764.99	2.69	-2.71	-2.86	0.42	-0.39	44.22
1,826.00	0.66	95.33	1,825.99	2.67	-2.41	-2.82	1.24	0.92	280.08
1,975.00	2.37	87.99	1,974.93	2.70	1.52	-2.59	1.15	1.15	-4.93
2,069.00	2.22	82.83	2,068.85	2.99	5.27	-2.64	0.27	-0.16	-5.49
2,163.00	2.01	81.80	2,162.79	3.45	8.71	-2.88	0.23	-0.22	-1.10
2,258.00	1.83	82.28	2,257.74	3.90	11.86	-3.12	0.19	-0.19	0.51
2,352.00	1.76	83.63	2,351.69	4.26	14.78	-3.29	0.09	-0.07	1.44
2,446.00	1.62	82.19	2,445.65	4.60	17.53	-3.45	0.16	-0.15	-1.53
2,540.00	1.54	82.50	2,539.61	4.94	20.10	-3.63	0.09	-0.09	0.33
2,634.00	1.34	80.75	2,633.58	5.29	22.44	-3.82	0.22	-0.21	-1.86
2,729.00	1.22	78.06	2,728.56	5.67	24.52	-4.07	0.14	-0.13	-2.83
2,823.00	1.21	81.48	2,822.54	6.03	26.48	-4.30	0.08	-0.01	3.64
2,918.00	1.37	79.89	2,917.51	6.37	28.59	-4.51	0.17	0.17	-1.67
3,013.00	1.72	76.96	3,012.48	6.90	31.10	-4.87	0.38	0.37	-3.08
3,107.00	1.98	74.78	3,106.43	7.64	34.04	-5.42	0.29	0.28	-2.32
3,201.00	1.73	82.06	3,200.38	8.26	37.02	-5.85	0.36	-0.27	7.74
3,295.00	1.09	103.38	3,294.35	8.25	39.29	-5.69	0.87	-0.68	22.68
3,390.00	0.96	112.74	3,389.34	7.74	40.90	-5.07	0.22	-0.14	9.85
3,484.00	0.70	130.15	3,483.33	7.06	42.07	-4.32	0.38	-0.28	18.52
3,578.00	0.61	147.81	3,577.32	6.27	42.77	-3.49	0.23	-0.10	18.79
3,672.00	1.23	126.38	3,671.31	5.25	43.85	-2.40	0.74	0.66	-22.80
3,766.00	1.54	201.55	3,765.29	3.47	44.20	-0.60	1.82	0.33	79.97
3,861.00	3.12	233.90	3,860.21	0.76	41.64	1.94	2.10	1.66	34.05
3,955.00	2.24	249.89	3,954.11	-1.38	37.85	3.82	1.22	-0.94	17.01
4,049.00	1.82	259.26	4,048.05	-2.29	34.66	4.53	0.57	-0.45	9.97
4,143.00	1.75	244.59	4,142.00	-3.18	31.90	5.24	0.49	-0.07	-15.61
4,237.00	1.55	237.47	4,235.97	-4.48	29.53	6.38	0.30	-0.21	-7.57
4,332.00	2.00	232.37	4,330.92	-6.18	27.13	7.93	0.50	0.47	-5.37
4,426.00	1.94	234.18	4,424.86	-8.12	24.54	9.69	0.09	-0.06	1.93
4,520.00	1.57	234.83	4,518.82	-9.79	22.20	11.21	0.39	-0.39	0.69
4,614.00	1.11	234.79	4,612.79	-11.06	20.40	12.35	0.49	-0.49	-0.04
4,709.00	1.11	249.80	4,707.78	-11.91	18.79	13.10	0.31	0.00	15.80

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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)
4,803.00	1.20	271.12	4,801.76	-12.20	16.95	13.27	0.46	0.10	22.68
4,897.00	1.06	284.68	4,895.74	-11.96	15.12	12.91	0.32	-0.15	14.43
4,991.00	0.55	290.94	4,989.73	-11.58	13.86	12.45	0.55	-0.54	6.66
5,085.00	0.16	196.39	5,083.73	-11.54	13.40	12.39	0.62	-0.41	-100.59
5,180.00	0.14	163.55	5,178.73	-11.78	13.40	12.62	0.09	-0.02	-34.57
5,274.00	0.22	140.05	5,272.73	-12.03	13.55	12.88	0.11	0.09	-25.00
5,368.00	0.25	141.01	5,366.73	-12.33	13.79	13.20	0.03	0.03	1.02
5,463.00	0.19	130.09	5,461.73	-12.59	14.04	13.47	0.08	-0.06	-11.49
5,538.00	0.21	158.73	5,536.73	-12.80	14.19	13.69	0.13	0.03	38.19
5,652.00	0.30	211.98	5,650.72	-13.25	14.11	14.13	0.21	0.08	46.71
5,746.00	0.73	73.09	5,744.72	-13.28	14.55	14.20	1.04	0.46	-147.76
5,840.00	2.91	83.29	5,838.67	-12.83	17.49	13.93	2.34	2.32	10.85
5,934.00	4.34	72.40	5,932.48	-11.47	23.25	12.95	1.68	1.52	-11.59
6,028.00	5.16	75.79	6,026.16	-9.36	30.74	11.33	0.92	0.87	3.61
6,122.00	6.36	77.03	6,119.68	-7.15	39.91	9.72	1.28	1.28	1.32
6,216.00	7.48	82.94	6,213.00	-5.23	51.06	8.53	1.41	1.19	6.29
6,310.00	8.53	80.93	6,306.08	-3.38	64.01	7.52	1.16	1.12	-2.14
6,404.00	9.74	82.84	6,398.88	-1.29	78.79	6.39	1.33	1.29	2.03
6,498.00	9.97	89.27	6,491.50	-0.20	94.81	6.33	1.20	0.24	6.84
6,593.00	10.69	89.82	6,584.96	-0.07	111.85	7.30	0.76	0.76	0.58
6,687.00	11.17	89.05	6,677.25	0.11	129.67	8.28	0.53	0.51	-0.82
6,782.00	11.38	89.17	6,770.42	0.40	148.24	9.19	0.22	0.22	0.13
6,876.00	10.88	91.97	6,862.65	0.23	166.38	10.54	0.78	-0.53	2.98
6,970.00	10.51	92.31	6,955.02	-0.42	183.81	12.31	0.40	-0.39	0.36
7,064.00	9.60	91.65	7,047.58	-0.99	200.22	13.94	0.98	-0.97	-0.70
7,158.00	7.89	88.10	7,140.48	-1.00	214.50	14.88	1.91	-1.82	-3.78
7,252.00	7.48	89.76	7,233.64	-0.76	227.07	15.45	0.50	-0.44	1.77
7,347.00	7.94	90.58	7,327.78	-0.80	239.81	16.32	0.50	0.48	0.86
7,441.00	8.41	87.49	7,420.82	-0.57	253.17	16.95	0.68	0.50	-3.29
7,535.00	7.91	85.46	7,513.87	0.24	266.49	17.00	0.61	-0.53	-2.16
7,630.00	7.75	82.49	7,607.98	1.60	279.35	16.48	0.46	-0.17	-3.13
7,724.00	8.47	83.83	7,701.04	3.17	292.52	15.76	0.79	0.77	1.43
7,818.00	9.13	86.01	7,793.94	4.43	306.84	15.43	0.79	0.70	2.32
7,913.00	8.94	84.72	7,887.76	5.64	321.71	15.19	0.29	-0.20	-1.36
8,007.00	9.74	89.90	7,980.51	6.32	336.94	15.49	1.23	0.85	5.51
8,101.00	9.35	91.76	8,073.21	6.10	352.52	16.72	0.53	-0.41	1.98
8,195.00	8.48	91.31	8,166.08	5.71	367.08	18.05	0.93	-0.93	-0.48
8,289.00	8.15	88.78	8,259.09	5.69	380.67	18.95	0.52	-0.35	-2.69
8,383.00	8.84	88.63	8,352.06	6.01	394.55	19.53	0.73	0.73	-0.16
8,477.00	7.88	85.66	8,445.06	6.67	408.20	19.76	1.12	-1.02	-3.16
8,572.00	7.66	84.52	8,539.18	7.77	421.00	19.49	0.28	-0.23	-1.20
8,666.00	6.91	84.52	8,632.42	8.90	432.86	19.12	0.80	-0.80	0.00
8,760.00	9.41	83.31	8,725.47	10.34	446.12	18.55	2.67	2.66	-1.29

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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)
8,854.00	12.46	85.65	8,817.75	12.00	463.87	18.04	3.28	3.24	2.49
8,948.00	13.16	80.46	8,909.41	14.55	484.54	16.84	1.43	0.74	-5.52
9,043.00	11.19	71.94	9,002.28	19.20	503.97	13.45	2.80	-2.07	-8.97
9,137.00	11.25	67.48	9,094.48	25.54	521.11	8.24	0.93	0.06	-4.74
9,231.00	10.97	65.12	9,186.72	32.81	537.70	2.05	0.57	-0.30	-2.51
9,325.00	8.07	63.96	9,279.42	39.47	551.74	-3.69	3.09	-3.09	-1.23
9,419.00	7.51	70.01	9,372.55	44.47	563.44	-7.92	1.06	-0.60	6.44
9,514.00	7.66	91.37	9,466.74	46.44	575.61	-9.10	2.96	0.16	22.48
9,608.00	8.16	108.12	9,559.86	44.22	588.21	-6.06	2.50	0.53	17.82
9,702.00	6.33	117.48	9,653.10	39.75	599.15	-0.90	2.31	-1.95	9.96
9,796.00	4.41	121.61	9,746.69	35.46	606.83	3.88	2.08	-2.04	4.39
9,891.00	3.56	119.53	9,841.46	32.10	612.50	7.60	0.91	-0.89	-2.19
9,985.00	3.05	117.68	9,935.30	29.50	617.26	10.51	0.55	-0.54	-1.97
10,079.00	3.04	126.75	10,029.17	26.84	621.47	13.43	0.51	-0.01	9.65
10,173.00	2.64	130.65	10,123.05	23.94	625.11	16.56	0.47	-0.43	4.15
10,268.00	1.53	127.89	10,217.99	21.74	627.77	18.93	1.17	-1.17	-2.91
10,361.00	1.46	108.73	10,310.96	20.59	629.87	20.21	0.54	-0.08	-20.60
10,456.00	1.54	76.42	10,405.93	20.51	632.26	20.45	0.88	0.08	-34.01
10,531.00	2.22	63.27	10,480.89	21.40	634.54	19.71	1.07	0.91	-17.53
10,642.00	7.79	149.70	10,591.51	15.86	640.26	25.60	7.17	5.02	77.86
10,689.00	15.33	155.93	10,637.53	7.42	644.41	34.29	16.24	16.04	13.26
10,736.00	20.66	160.47	10,682.21	-6.07	649.72	48.10	11.72	11.34	9.66
10,783.00	27.57	167.18	10,725.09	-24.52	654.91	66.85	15.80	14.70	14.28
10,832.00	32.05	166.56	10,767.60	-48.23	660.45	90.87	9.16	9.14	-1.27
10,879.00	35.29	169.87	10,806.71	-73.74	665.74	116.66	7.92	6.89	7.04
10,927.00	37.45	175.78	10,845.37	-101.95	669.25	145.04	8.57	4.50	12.31
10,974.00	43.13	180.86	10,881.22	-132.30	670.07	175.38	13.95	12.09	10.81
11,022.00	47.16	178.70	10,915.07	-166.32	670.22	209.33	8.98	8.40	-4.50
11,069.00	51.02	179.41	10,945.84	-201.82	670.80	244.81	8.29	8.21	1.51
11,116.00	56.84	183.97	10,973.51	-239.76	669.62	282.59	14.65	12.38	9.70
11,163.00	59.53	185.30	10,998.29	-279.56	666.39	322.10	6.21	5.72	2.83
11,211.00	58.65	184.96	11,022.94	-320.58	662.71	362.79	1.93	-1.83	-0.71
11,258.00	56.41	184.79	11,048.17	-360.09	659.34	402.00	4.78	-4.77	-0.36
11,306.00	56.89	184.15	11,074.56	-400.06	656.21	441.68	1.50	1.00	-1.33
11,353.00	61.37	185.10	11,098.67	-440.26	652.95	481.59	9.69	9.53	2.02
11,402.00	68.40	184.40	11,119.46	-484.45	649.29	525.45	14.41	14.35	-1.43
11,449.00	76.67	183.71	11,133.55	-529.13	646.13	569.83	17.65	17.60	-1.47
11,497.00	81.62	183.53	11,142.59	-576.16	643.15	616.57	10.32	10.31	-0.38
11,544.00	83.05	182.58	11,148.86	-622.67	640.67	662.83	3.64	3.04	-2.02
11,592.00	88.67	178.12	11,152.32	-670.52	640.38	710.55	14.93	11.71	-9.29
11,639.00	89.08	177.11	11,153.24	-717.47	642.34	757.53	2.32	0.87	-2.15
11,688.00	89.36	176.99	11,153.91	-766.40	644.86	806.52	0.62	0.57	-0.24
11,783.00	88.96	178.25	11,155.30	-861.30	648.81	901.48	1.39	-0.42	1.33
11,878.00	88.21	181.40	11,157.65	-956.26	649.10	996.26	3.41	-0.79	3.32

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
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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)
11,973.00	88.90	181.31	11,160.05	-1,051.20	646.85	1,090.86	0.73	0.73	-0.09
12,068.00	90.38	178.54	11,160.64	-1,146.19	646.97	1,185.65	3.31	1.56	-2.92
12,164.00	91.01	183.49	11,159.48	-1,242.14	645.27	1,281.29	5.20	0.66	5.16
12,259.00	87.64	184.05	11,160.60	-1,336.91	639.03	1,375.46	3.60	-3.55	0.59
12,354.00	87.13	183.57	11,164.93	-1,431.60	632.72	1,469.54	0.74	-0.54	-0.51
12,449.00	87.11	183.16	11,169.71	-1,526.32	627.15	1,563.70	0.43	-0.02	-0.43
12,545.00	87.62	182.71	11,174.12	-1,622.09	622.24	1,658.95	0.71	0.53	-0.47
12,640.00	89.05	183.38	11,176.88	-1,716.91	617.20	1,753.25	1.66	1.51	0.71
12,735.00	87.59	181.07	11,179.66	-1,811.79	613.51	1,847.69	2.88	-1.54	-2.43
12,830.00	87.99	180.07	11,183.33	-1,906.71	612.57	1,942.36	1.13	0.42	-1.05
12,925.00	87.87	178.95	11,186.76	-2,001.65	613.38	2,037.14	1.18	-0.13	-1.18
13,020.00	88.08	178.19	11,190.12	-2,096.56	615.75	2,132.01	0.83	0.22	-0.80
13,116.00	88.64	179.18	11,192.86	-2,192.49	617.95	2,227.88	1.18	0.58	1.03
13,154.00	88.11	179.27	11,193.94	-2,230.47	618.47	2,265.82	1.41	-1.39	0.24
13,249.00	89.67	179.25	11,195.78	-2,325.44	619.69	2,360.67	1.64	1.64	-0.02
13,344.00	91.22	180.04	11,195.04	-2,420.44	620.28	2,455.50	1.83	1.63	0.83
13,439.00	90.92	179.12	11,193.27	-2,515.42	620.98	2,550.33	1.02	-0.32	-0.97
13,534.00	88.34	178.47	11,193.88	-2,610.38	622.98	2,645.22	2.80	-2.72	-0.68
13,629.00	86.03	179.95	11,198.55	-2,705.25	624.28	2,739.98	2.89	-2.43	1.56
13,725.00	86.03	179.84	11,205.20	-2,801.02	624.46	2,835.56	0.11	0.00	-0.11
13,819.00	86.73	179.38	11,211.13	-2,894.83	625.10	2,929.21	0.89	0.74	-0.49
13,915.00	86.77	179.34	11,216.57	-2,990.67	626.17	3,024.92	0.06	0.04	-0.04
14,010.00	89.45	181.03	11,219.71	-3,085.61	625.86	3,119.64	3.33	2.82	1.78
14,105.00	90.16	180.47	11,220.03	-3,180.60	624.62	3,214.35	0.95	0.75	-0.59
14,200.00	89.93	180.87	11,219.95	-3,275.59	623.51	3,309.07	0.49	-0.24	0.42
14,295.00	89.30	181.23	11,220.59	-3,370.57	621.77	3,403.74	0.76	-0.66	0.38
14,390.00	88.33	180.74	11,222.56	-3,465.53	620.13	3,498.40	1.14	-1.02	-0.52
14,486.00	88.01	180.63	11,225.62	-3,561.48	618.99	3,594.07	0.35	-0.33	-0.11
14,581.00	87.93	181.04	11,228.99	-3,656.41	617.60	3,688.71	0.44	-0.08	0.43
14,676.00	88.61	180.89	11,231.86	-3,751.35	616.00	3,783.35	0.73	0.72	-0.16
14,771.00	90.64	181.10	11,232.48	-3,846.33	614.35	3,878.02	2.15	2.14	0.22
14,866.00	88.54	179.78	11,233.16	-3,941.32	613.62	3,972.76	2.61	-2.21	-1.39
14,962.00	87.28	179.44	11,236.66	-4,037.25	614.28	4,068.54	1.36	-1.31	-0.35
15,057.00	87.96	178.54	11,240.60	-4,132.15	615.95	4,163.35	1.19	0.72	-0.95
15,152.00	89.22	178.58	11,242.94	-4,227.09	618.34	4,258.24	1.33	1.33	0.04
15,247.00	88.37	179.10	11,244.94	-4,322.05	620.26	4,353.13	1.05	-0.89	0.55
15,343.00	89.75	178.29	11,246.51	-4,418.01	622.45	4,449.03	1.67	1.44	-0.84
15,438.00	90.50	179.83	11,246.31	-4,512.99	624.00	4,543.91	1.80	0.79	1.62
15,533.00	91.12	180.01	11,244.96	-4,607.98	624.14	4,638.71	0.68	0.65	0.19
15,628.00	88.76	180.23	11,245.06	-4,702.97	623.94	4,733.49	2.49	-2.48	0.23
15,723.00	89.02	180.68	11,246.90	-4,797.95	623.18	4,828.22	0.55	0.27	0.47
15,819.00	89.67	180.13	11,248.00	-4,893.94	622.51	4,923.97	0.89	0.68	-0.57
15,914.00	88.71	181.49	11,249.34	-4,988.92	621.16	5,018.66	1.75	-1.01	1.43

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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)
16,009.00	89.21	181.22	11,251.07	-5,083.88	618.92	5,113.27	0.60	0.53	-0.28
16,104.00	89.72	181.38	11,251.96	-5,178.85	616.76	5,207.91	0.56	0.54	0.17
16,199.00	90.18	181.61	11,252.04	-5,273.82	614.28	5,302.51	0.54	0.48	0.24
16,294.00	88.62	181.50	11,253.03	-5,368.77	611.71	5,397.10	1.65	-1.64	-0.12
16,390.00	89.73	181.29	11,254.42	-5,464.73	609.37	5,492.71	1.18	1.16	-0.22
16,485.00	88.02	180.86	11,256.28	-5,559.70	607.59	5,587.36	1.86	-1.80	-0.45
16,580.00	86.35	179.34	11,260.95	-5,654.57	607.42	5,682.03	2.38	-1.76	-1.60
16,675.00	86.90	179.43	11,266.54	-5,749.40	608.44	5,776.72	0.59	0.58	0.09
16,770.00	87.80	179.71	11,270.93	-5,844.30	609.15	5,871.47	0.99	0.95	0.29
16,865.00	88.16	180.01	11,274.28	-5,939.24	609.38	5,966.22	0.49	0.38	0.32
16,960.00	88.54	180.56	11,277.02	-6,034.20	608.91	6,060.95	0.70	0.40	0.58
17,055.00	89.39	180.79	11,278.73	-6,129.17	607.79	6,155.66	0.93	0.89	0.24
17,150.00	91.10	180.51	11,278.33	-6,224.16	606.71	6,250.38	1.82	1.80	-0.29
17,246.00	91.63	178.60	11,276.04	-6,320.13	607.46	6,346.19	2.06	0.55	-1.99
17,341.00	91.35	177.02	11,273.57	-6,415.02	611.09	6,441.12	1.69	-0.29	-1.66
17,436.00	91.72	175.96	11,271.02	-6,509.81	616.90	6,536.09	1.18	0.39	-1.12
17,531.00	89.55	177.93	11,269.97	-6,604.66	621.96	6,631.06	3.08	-2.28	2.07
17,627.00	89.35	174.71	11,270.89	-6,700.44	628.12	6,727.05	3.36	-0.21	-3.35
17,722.00	87.29	173.61	11,273.68	-6,794.90	637.78	6,821.93	2.46	-2.17	-1.16
17,817.00	89.78	174.35	11,276.11	-6,889.34	647.74	6,916.82	2.73	2.62	0.78
17,849.00	88.51	174.84	11,276.58	-6,921.19	650.76	6,948.80	4.25	-3.97	1.53
17,881.00	87.63	173.38	11,277.66	-6,953.01	654.04	6,980.76	5.32	-2.75	-4.56
17,912.00	88.68	175.04	11,278.66	-6,983.83	657.16	7,011.72	6.33	3.39	5.35
17,931.00	91.42	178.61	11,278.64	-7,002.80	658.22	7,030.71	23.68	14.42	18.79
17,944.00	91.90	181.16	11,278.27	-7,015.79	658.24	7,043.68	19.95	3.69	19.62
17,976.00	92.21	184.02	11,277.12	-7,047.73	656.80	7,075.46	8.98	0.97	8.94
18,008.00	90.95	184.77	11,276.24	-7,079.63	654.35	7,107.13	4.58	-3.94	2.34
18,039.00	89.78	183.51	11,276.04	-7,110.54	652.11	7,137.84	5.55	-3.77	-4.06
18,071.00	88.90	182.47	11,276.41	-7,142.50	650.44	7,169.62	4.26	-2.75	-3.25
18,103.00	88.48	182.14	11,277.14	-7,174.46	649.15	7,201.43	1.67	-1.31	-1.03
18,135.00	88.05	181.88	11,278.11	-7,206.43	648.03	7,233.26	1.57	-1.34	-0.81
18,198.00	87.82	182.04	11,280.38	-7,269.35	645.88	7,295.91	0.44	-0.37	0.25
18,294.00	86.12	182.52	11,285.45	-7,365.14	642.06	7,391.25	1.84	-1.77	0.50
18,325.00	85.55	183.14	11,287.70	-7,396.02	640.54	7,421.96	2.71	-1.84	2.00
18,357.00	86.85	182.83	11,289.82	-7,427.90	638.88	7,453.68	4.18	4.06	-0.97
18,389.00	86.88	182.94	11,291.57	-7,459.81	637.27	7,485.42	0.36	0.09	0.34
18,420.00	87.12	184.65	11,293.20	-7,490.70	635.22	7,516.11	5.56	0.77	5.52
18,452.00	87.74	182.57	11,294.63	-7,522.61	633.21	7,547.81	6.78	1.94	-6.50
18,484.00	89.47	182.60	11,295.41	-7,554.56	631.76	7,579.61	5.41	5.41	0.09
18,516.00	89.44	182.56	11,295.71	-7,586.53	630.32	7,611.42	0.16	-0.09	-0.13
18,547.00	89.22	183.54	11,296.08	-7,617.48	628.67	7,642.20	3.24	-0.71	3.16
18,579.00	90.08	183.33	11,296.27	-7,649.42	626.76	7,673.95	2.77	2.69	-0.66
18,674.00	91.78	181.90	11,294.73	-7,744.31	622.42	7,768.35	2.34	1.79	-1.51

Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 603Y
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3657.30usft (H&P 618)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3657.30usft (H&P 618)
Well:	603Y	North Reference:	True
Wellbore:	OH / 65873	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 618)	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)
18,770.00	92.73	181.17	11,290.95	-7,840.20	619.85	7,863.87	1.25	0.99	-0.76
18,865.00	91.30	180.57	11,287.61	-7,935.12	618.41	7,958.51	1.63	-1.51	-0.63
18,960.00	90.67	178.86	11,285.98	-8,030.10	618.88	8,053.32	1.92	-0.66	-1.80
19,055.00	90.04	180.47	11,285.39	-8,125.10	619.44	8,148.15	1.82	-0.66	1.69
19,150.00	90.15	179.63	11,285.23	-8,220.10	619.36	8,242.95	0.89	0.12	-0.88
19,246.00	89.16	180.88	11,285.81	-8,316.09	618.93	8,338.71	1.66	-1.03	1.30
19,341.00	89.25	179.21	11,287.13	-8,411.08	618.85	8,433.49	1.76	0.09	-1.76
19,436.00	89.30	180.08	11,288.33	-8,506.07	619.44	8,528.32	0.92	0.05	0.92
19,531.00	88.84	179.21	11,289.87	-8,601.05	620.03	8,623.15	1.04	-0.48	-0.92
19,626.00	90.02	179.87	11,290.82	-8,696.04	620.79	8,717.99	1.42	1.24	0.69
19,722.00	89.48	176.58	11,291.24	-8,791.98	623.77	8,813.92	3.47	-0.56	-3.43
19,817.00	87.45	177.58	11,293.78	-8,886.82	628.60	8,908.87	2.38	-2.14	1.05
19,849.00	88.05	178.23	11,295.04	-8,918.77	629.77	8,940.83	2.76	1.88	2.03
19,912.00	91.84	177.54	11,295.10	-8,981.72	632.10	9,003.79	6.11	6.02	-1.10
20,007.00	88.81	179.53	11,294.56	-9,076.67	634.53	9,098.70	3.82	-3.19	2.09
20,102.00	90.29	180.81	11,295.31	-9,171.66	634.24	9,193.48	2.06	1.56	1.35
20,197.00	90.18	179.36	11,294.92	-9,266.66	634.10	9,288.27	1.53	-0.12	-1.53
20,254.00	88.05	177.51	11,295.80	-9,323.62	635.66	9,345.21	4.95	-3.74	-3.25
Final Phoenix MWD Survey									
20,318.00	88.05	177.51	11,297.98	-9,387.53	638.44	9,409.16	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)	
184.00	184.00	0.23	-0.19	First Phoenix MWD Survey
20,254.00	11,295.80	-9,323.62	635.66	Final Phoenix MWD Survey
20,318.00	11,297.98	-9,387.53	638.44	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