

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 St., Ste. 1800 Denver CO 80202		² OGRID Number 372165
		³ Reason for Filing Code/ Effective Date NW 3/11/21
⁴ API Number 30 - 025-47959	⁵ Pool Name Grama Ridge; Bone Spring, NE	⁶ Pool Code 28435
⁷ Property Code 32280	⁸ Property Name Chorizo 12 State Com	⁹ Well Number 502H

II. ¹⁰ Surface Location

UL or lot no. E	Section 36	Township 21S	Range 34E	Lot Idn	Feet from the 2467	North/South Line N	Feet from the 915	East/West line W	County LEA
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¹¹ Bottom Hole Location

UL or lot no. E	Section 12	Township 22S	Range 34E	Lot Idn	Feet from the 2526	North/South line N	Feet from the 1335	East/West line W	County LEA
¹² Lse Code S	¹³ Producing Method Code Artificial Lift	¹⁴ Gas Connection Date 3/13/21	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
372603	3BEAR FIELD SERVICES, LLC	O/G
	ORYX DELAWARE OIL GATHERING NM, LLC	O

IV. Well Completion Data

²¹ Spud Date 11/28/20	²² Ready Date 3/15/21	²³ TD 20,308MD 10,210 TVD	²⁴ PBDT 20,261	²⁵ Perforations 17,783-20,257	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	1,871		1540
12-1/4		9-5/8	5,605		1180
8-3/4 and 8-1/2		5-1/2	20,298		2580
		2-7/8	10,151		

V. Well Test Data

³¹ Date New Oil 3/15/21	³² Gas Delivery Date 3/15/21	³³ Test Date 4/2/21	³⁴ Test Length 24 Hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 487
³⁷ Choke Size 1.062	³⁸ Oil 3086 / 2315	³⁹ Water 1377 / 1783	⁴⁰ Gas 1504 / 1128		⁴¹ Test Method Artificial Lift
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: <i>Sandra Belt</i>			OIL CONSERVATION DIVISION		
Printed name: Sandra Belt			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: sandra@permianregulatory.com			Approval Date:		
Date: 8/9/21		Phone: 432-413-9797			

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		³ Reason for Filing Code/ Effective Date NW 3/11/21
⁴ API Number 30 - 025-47959	⁵ Pool Name OJO Chiso; Bone Spring	⁶ Pool Code 96553
⁷ Property Code 32280	⁸ Property Name Chorizo 12 State Com	⁹ Well Number 502H

II. ¹⁰ Surface Location

UL or lot no. E	Section 36	Township 21S	Range 34E	Lot Idn	Feet from the 2467	North/South Line N	Feet from the 915	East/West line W	County LEA
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¹¹ Bottom Hole Location

UL or lot no. E	Section 12	Township 22S	Range 34E	Lot Idn	Feet from the 2526	North/South line N	Feet from the 1335	East/West line W	County LEA
¹² Lse Code S	¹³ Producing Method Code Artificial Lift	¹⁴ Gas Connection Date 3/13/21	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
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12-1/4		9-5/8	5,605		1180
8-3/4 and 8-1/2		5-1/2	20,298		2580
		2-7/8	10,151		

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³⁷ Choke Size 1.062	³⁸ Oil 3086 / 771	³⁹ Water 1377 / 594	⁴⁰ Gas 1504 / 376		⁴¹ Test Method Artificial Lift
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: <i>Sandra Belt</i>			OIL CONSERVATION DIVISION		
Printed name: Sandra Belt			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: sandra@permianregulatory.com			Approval Date:		
Date: 8/9/21		Phone: 432-413-9797			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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 30-025-47959	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 502H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3670.3'

¹⁰ Surface Location

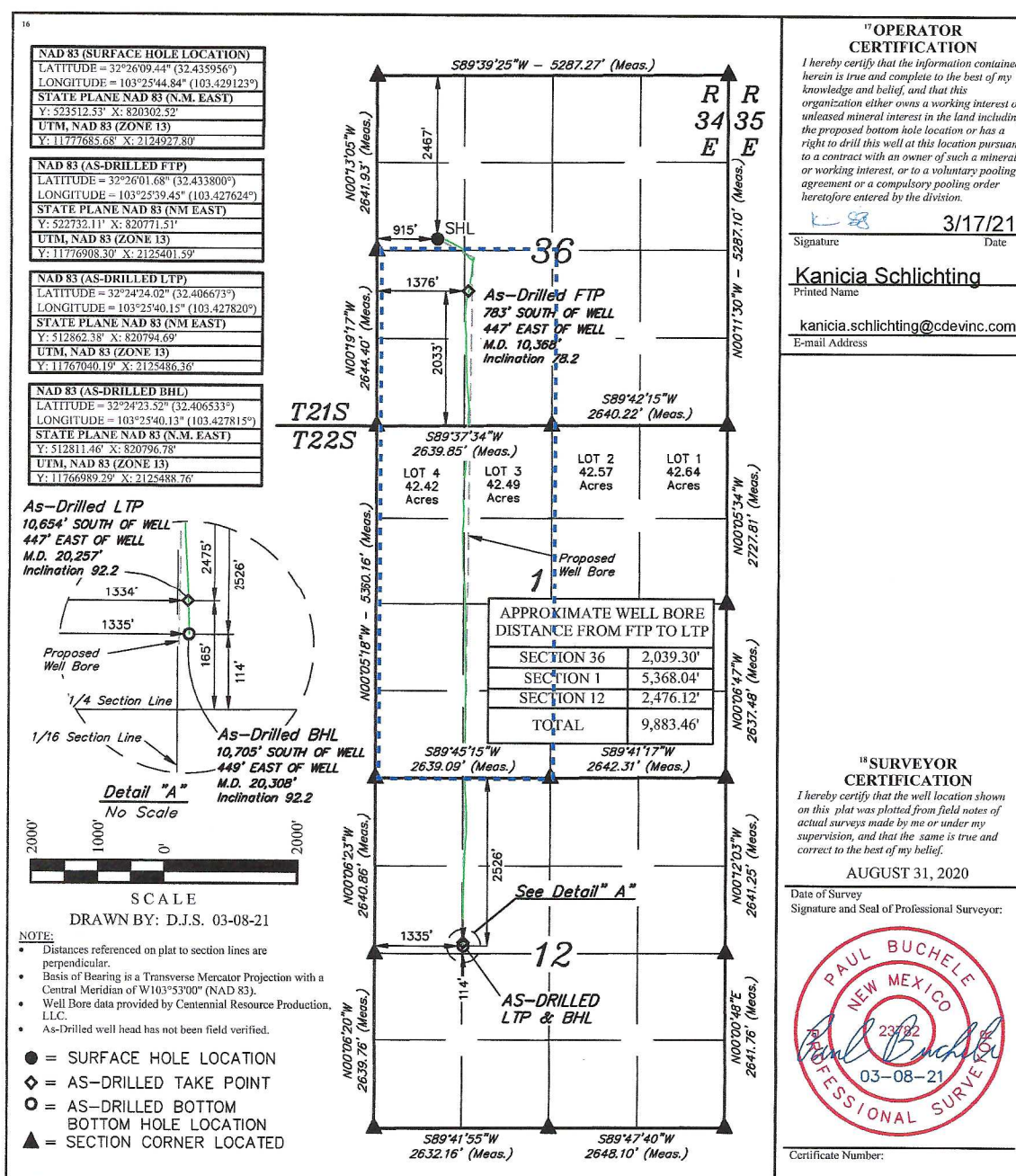
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	21S	34E		2467	NORTH	915	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

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		2526	NORTH	1335	WEST	LEA

¹² Dedicated Acres 484.91	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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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¹ API Number 30-025-47959	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 502H
⁷ OGRID No. 372165	⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	⁹ Elevation 3670.3'

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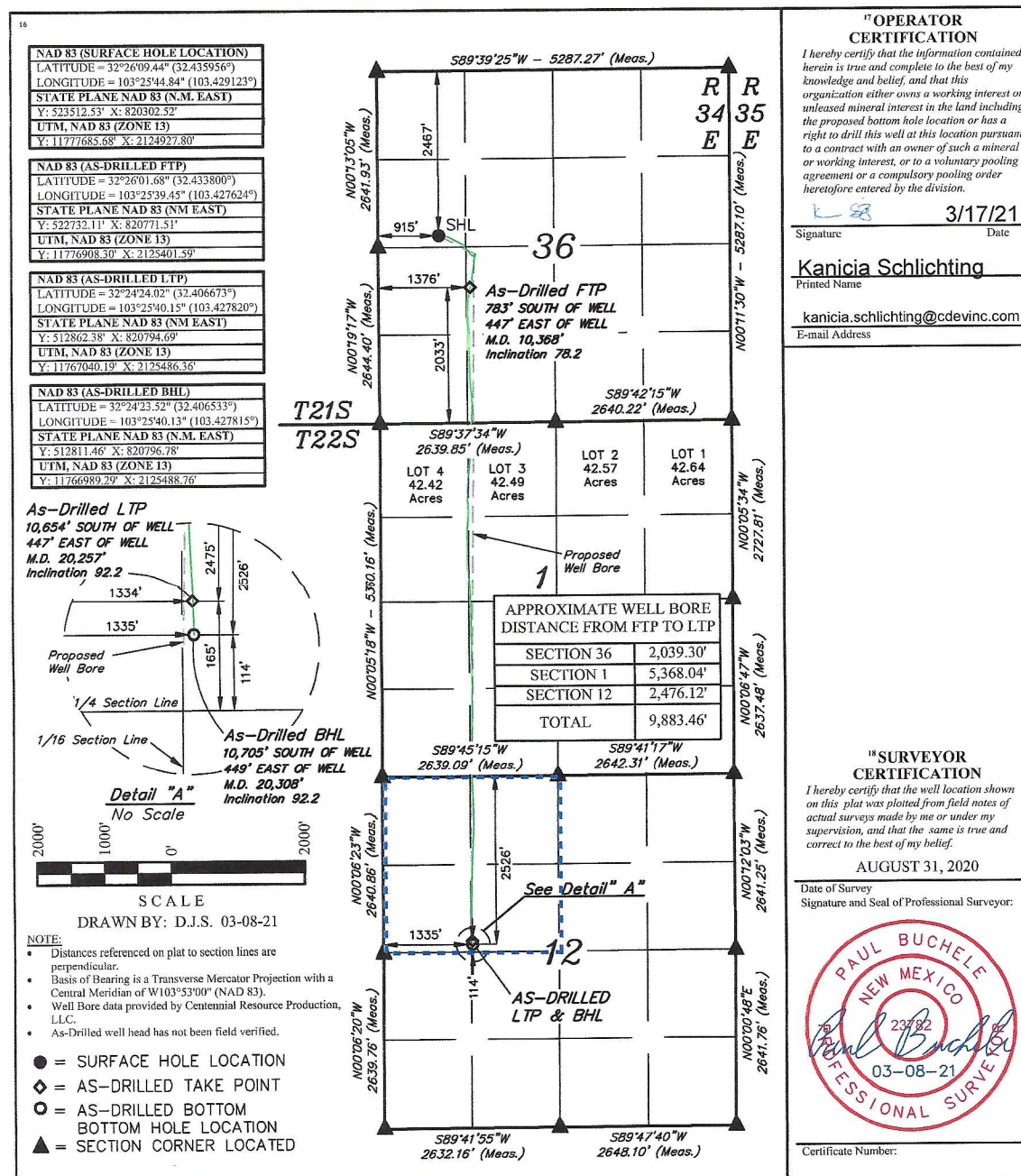
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E	36	21S	34E		2467	NORTH	915	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

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		2526	NORTH	1335	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Chorizo 12 State Com
502H**

OH / 67177

Design: Surveys (H&P 489)

Standard Survey Report

13 January, 2021





Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3696.30usft (H&P 489)
Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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° 25' 56.195697 N
		Longitude:	103° 25' 35.524351 W
		Grid Convergence:	0.84 °

Well	502H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	1.00 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OH / 67177		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	1/15/2021	6.49
			Dip Angle (°)
			60.17
			Field Strength (nT)
			47,907.64192363

Design	Surveys (H&P 489)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	1,884.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			0.00

Survey Program	Date	1/13/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
180.00	1,884.00	Invictus MWD Surveys (OH / Surface)	MWD	OWSG MWD - Standard
1,984.00	20,308.00	Phoenix MWD Surveys (OH / 67177)	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
180.00	0.90	49.57	179.99	0.92	1.08	0.92	0.50	0.50	0.00
238.00	0.60	192.57	237.99	0.92	1.36	0.92	2.46	-0.52	246.55
332.00	0.20	166.57	331.99	0.28	1.29	0.28	0.46	-0.43	-27.66
364.00	0.50	269.57	363.99	0.22	1.16	0.22	1.81	0.94	321.88
395.00	0.50	242.57	394.99	0.16	0.91	0.16	0.75	0.00	-87.10
427.00	0.30	191.57	426.99	0.01	0.77	0.01	1.22	-0.63	-159.38
458.00	0.50	287.57	457.99	-0.03	0.62	-0.03	1.97	0.65	309.68
489.00	0.50	272.57	488.98	0.02	0.36	0.02	0.42	0.00	-48.39
521.00	0.00	4.57	520.98	0.03	0.22	0.03	1.56	-1.56	0.00



Survey Report



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Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)
552.00	0.40	187.57	551.98	-0.08	0.20	-0.08	1.29	1.29	0.00
584.00	0.20	299.57	583.98	-0.17	0.14	-0.17	1.59	-0.63	350.00
647.00	0.40	234.57	646.98	-0.24	-0.14	-0.24	0.58	0.32	-103.17
678.00	0.40	156.57	677.98	-0.40	-0.18	-0.40	1.62	0.00	-251.61
710.00	0.50	205.57	709.98	-0.63	-0.20	-0.63	1.20	0.31	153.13
741.00	0.30	154.57	740.98	-0.82	-0.22	-0.82	1.25	-0.65	-164.52
772.00	0.40	168.57	771.98	-1.00	-0.16	-1.00	0.42	0.32	45.16
804.00	0.20	254.57	803.98	-1.13	-0.20	-1.13	1.36	-0.63	268.75
835.00	0.60	229.57	834.98	-1.25	-0.37	-1.25	1.38	1.29	-80.65
867.00	0.10	223.57	866.98	-1.38	-0.52	-1.38	1.56	-1.56	-18.75
898.00	0.10	341.57	897.98	-1.37	-0.55	-1.37	0.55	0.00	380.65
930.00	0.40	177.57	929.98	-1.46	-0.55	-1.46	1.55	0.94	-512.50
961.00	0.00	129.57	960.98	-1.56	-0.55	-1.56	1.29	-1.29	0.00
993.00	0.30	170.57	992.98	-1.65	-0.53	-1.65	0.94	0.94	0.00
1,024.00	0.90	187.57	1,023.98	-1.97	-0.55	-1.97	2.00	1.94	54.84
1,056.00	0.60	175.57	1,055.97	-2.38	-0.57	-2.38	1.05	-0.94	-37.50
1,087.00	0.90	161.57	1,086.97	-2.78	-0.48	-2.78	1.13	0.97	-45.16
1,150.00	0.70	142.57	1,149.96	-3.55	-0.09	-3.55	0.52	-0.32	-30.16
1,181.00	0.90	130.57	1,180.96	-3.86	0.21	-3.86	0.84	0.65	-38.71
1,276.00	0.70	158.57	1,275.95	-4.89	0.99	-4.89	0.46	-0.21	29.47
1,370.00	0.70	139.57	1,369.95	-5.86	1.57	-5.86	0.25	0.00	-20.21
1,402.00	1.10	154.57	1,401.94	-6.28	1.83	-6.28	1.44	1.25	46.88
1,465.00	0.70	152.57	1,464.93	-7.17	2.27	-7.17	0.64	-0.63	-3.17
1,559.00	0.90	170.57	1,558.92	-8.41	2.65	-8.41	0.34	0.21	19.15
1,711.00	0.30	191.57	1,710.92	-9.98	2.77	-9.98	0.41	-0.39	13.82
1,805.00	0.70	126.57	1,804.91	-10.56	3.18	-10.56	0.67	0.43	-69.15
1,837.00	0.80	171.57	1,836.91	-10.90	3.37	-10.90	1.82	0.31	140.63
1,868.00	0.40	78.57	1,867.91	-11.09	3.51	-11.09	2.95	-1.29	-300.00
1,884.00	0.80	96.57	1,883.91	-11.09	3.67	-11.09	2.73	2.50	112.50
Tie In									
1,984.00	1.60	76.64	1,983.89	-10.85	5.72	-10.85	0.89	0.80	-19.93
First Phoenix MWD Survey									
2,079.00	3.05	95.67	2,078.81	-10.79	9.53	-10.79	1.71	1.53	20.03
2,173.00	3.81	92.06	2,172.64	-11.15	15.14	-11.15	0.84	0.81	-3.84
2,268.00	4.31	91.04	2,267.40	-11.33	21.86	-11.33	0.53	0.53	-1.07
2,363.00	4.93	86.40	2,362.09	-11.14	29.51	-11.14	0.76	0.65	-4.88
2,458.00	6.26	85.43	2,456.63	-10.47	38.74	-10.47	1.40	1.40	-1.02
2,552.00	6.98	86.96	2,550.01	-9.76	49.56	-9.76	0.79	0.77	1.63
2,647.00	6.71	86.76	2,644.33	-9.14	60.86	-9.14	0.29	-0.28	-0.21
2,741.00	6.94	90.17	2,737.66	-8.84	72.02	-8.84	0.50	0.24	3.63
2,930.00	8.68	98.32	2,924.91	-10.94	97.56	-10.94	1.09	0.92	4.31
3,025.00	9.69	104.56	3,018.69	-13.99	112.39	-13.99	1.49	1.06	6.57
3,120.00	10.80	110.49	3,112.18	-19.12	128.46	-19.12	1.61	1.17	6.24



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
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Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)
3,215.00	11.50	117.49	3,205.39	-26.60	145.20	-26.60	1.60	0.74	7.37
3,310.00	11.57	120.85	3,298.47	-35.86	161.78	-35.86	0.71	0.07	3.54
3,404.00	11.52	118.34	3,390.57	-45.15	178.14	-45.15	0.54	-0.05	-2.67
3,499.00	11.86	118.01	3,483.60	-54.24	195.11	-54.24	0.36	0.36	-0.35
3,595.00	12.13	116.62	3,577.50	-63.39	212.83	-63.39	0.41	0.28	-1.45
3,689.00	12.16	116.62	3,669.40	-72.25	230.51	-72.25	0.03	0.03	0.00
3,784.00	11.56	115.34	3,762.37	-80.81	248.06	-80.81	0.69	-0.63	-1.35
3,879.00	10.72	119.62	3,855.58	-89.25	264.35	-89.25	1.24	-0.88	4.51
3,974.00	10.10	120.94	3,949.02	-97.90	279.17	-97.90	0.70	-0.65	1.39
4,069.00	9.45	118.74	4,042.64	-105.93	293.15	-105.93	0.79	-0.68	-2.32
4,164.00	8.84	118.98	4,136.43	-113.22	306.38	-113.22	0.64	-0.64	0.25
4,259.00	8.49	117.58	4,230.35	-120.00	318.98	-120.00	0.43	-0.37	-1.47
4,353.00	7.86	117.03	4,323.39	-126.14	330.85	-126.14	0.68	-0.67	-0.59
4,448.00	7.55	116.26	4,417.53	-131.85	342.24	-131.85	0.34	-0.33	-0.81
4,543.00	7.54	116.84	4,511.71	-137.42	353.40	-137.42	0.08	-0.01	0.61
4,641.00	6.97	126.69	4,608.93	-143.88	363.90	-143.88	1.39	-0.58	10.05
4,736.00	7.57	150.00	4,703.19	-152.75	371.65	-152.75	3.15	0.63	24.54
4,831.00	8.83	152.17	4,797.21	-164.61	378.19	-164.61	1.37	1.33	2.28
4,926.00	8.53	156.21	4,891.13	-177.51	384.43	-177.51	0.72	-0.32	4.25
5,020.00	9.33	150.25	4,983.99	-190.50	391.03	-190.50	1.30	0.85	-6.34
5,115.00	10.11	142.94	5,077.63	-203.84	399.87	-203.84	1.54	0.82	-7.69
5,209.00	10.57	143.11	5,170.10	-217.32	410.02	-217.32	0.49	0.49	0.18
5,304.00	10.30	139.97	5,263.53	-230.79	420.71	-230.79	0.66	-0.28	-3.31
5,399.00	10.93	136.43	5,356.90	-243.82	432.39	-243.82	0.95	0.66	-3.73
5,494.00	11.93	135.49	5,450.02	-257.35	445.48	-257.35	1.07	1.05	-0.99
5,561.00	12.44	134.01	5,515.51	-267.30	455.52	-267.30	0.89	0.76	-2.21
5,678.00	10.37	145.49	5,630.21	-284.74	470.55	-284.74	2.62	-1.77	9.81
5,773.00	8.68	121.64	5,723.93	-295.55	481.51	-295.55	4.48	-1.78	-25.11
5,868.00	7.81	119.37	5,817.95	-302.48	493.23	-302.48	0.98	-0.92	-2.39
5,963.00	7.59	118.21	5,912.09	-308.61	504.39	-308.61	0.28	-0.23	-1.22
6,058.00	3.49	116.98	6,006.63	-312.89	512.50	-312.89	4.32	-4.32	-1.29
6,152.00	2.60	114.64	6,100.49	-315.08	516.99	-315.08	0.96	-0.95	-2.49
6,247.00	0.70	94.71	6,195.45	-316.02	519.52	-316.02	2.06	-2.00	-20.98
6,341.00	0.84	36.07	6,289.44	-315.51	520.50	-315.51	0.81	0.15	-62.38
6,436.00	0.73	50.13	6,384.44	-314.56	521.38	-314.56	0.23	-0.12	14.80
6,530.00	0.72	50.30	6,478.43	-313.80	522.29	-313.80	0.01	-0.01	0.18
6,625.00	0.87	48.55	6,573.42	-312.94	523.29	-312.94	0.16	0.16	-1.84
6,720.00	0.89	50.05	6,668.41	-311.99	524.40	-311.99	0.03	0.02	1.58
6,815.00	0.93	59.10	6,763.40	-311.12	525.62	-311.12	0.16	0.04	9.53
6,909.00	0.83	59.79	6,857.38	-310.39	526.87	-310.39	0.11	-0.11	0.73
7,005.00	0.60	55.54	6,953.38	-309.75	527.88	-309.75	0.25	-0.24	-4.43
7,100.00	0.58	63.25	7,048.37	-309.25	528.72	-309.25	0.09	-0.02	8.12
7,194.00	0.61	78.87	7,142.37	-308.94	529.64	-308.94	0.17	0.03	16.62
7,289.00	0.74	85.04	7,237.36	-308.79	530.74	-308.79	0.16	0.14	6.49



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3696.30usft (H&P 489)
Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)
7,384.00	0.83	92.27	7,332.35	-308.77	532.04	-308.77	0.14	0.09	7.61
7,479.00	0.76	94.38	7,427.34	-308.84	533.36	-308.84	0.08	-0.07	2.22
7,574.00	0.57	76.32	7,522.34	-308.78	534.45	-308.78	0.30	-0.20	-19.01
7,669.00	0.51	70.77	7,617.33	-308.53	535.30	-308.53	0.08	-0.06	-5.84
7,764.00	0.49	62.34	7,712.33	-308.20	536.06	-308.20	0.08	-0.02	-8.87
7,858.00	0.52	67.65	7,806.32	-307.85	536.81	-307.85	0.06	0.03	5.65
7,953.00	0.54	63.27	7,901.32	-307.49	537.61	-307.49	0.05	0.02	-4.61
8,048.00	0.61	60.77	7,996.32	-307.04	538.45	-307.04	0.08	0.07	-2.63
8,143.00	0.71	62.81	8,091.31	-306.52	539.42	-306.52	0.11	0.11	2.15
8,238.00	0.68	63.67	8,186.30	-306.00	540.45	-306.00	0.03	-0.03	0.91
8,332.00	0.67	68.52	8,280.30	-305.55	541.46	-305.55	0.06	-0.01	5.16
8,427.00	0.76	78.91	8,375.29	-305.23	542.59	-305.23	0.17	0.09	10.94
8,522.00	0.78	68.45	8,470.28	-304.87	543.81	-304.87	0.15	0.02	-11.01
8,617.00	0.73	59.98	8,565.27	-304.33	544.94	-304.33	0.13	-0.05	-8.92
8,712.00	0.64	31.61	8,660.27	-303.58	545.74	-303.58	0.37	-0.09	-29.86
8,806.00	0.52	13.98	8,754.26	-302.72	546.12	-302.72	0.23	-0.13	-18.76
8,901.00	1.30	344.76	8,849.25	-301.26	545.94	-301.26	0.93	0.82	-30.76
8,996.00	2.12	334.15	8,944.21	-298.64	544.89	-298.64	0.92	0.86	-11.17
9,091.00	1.85	329.46	9,039.15	-295.73	543.34	-295.73	0.33	-0.28	-4.94
9,185.00	1.75	341.74	9,133.10	-293.06	542.12	-293.06	0.42	-0.11	13.06
9,280.00	2.21	348.78	9,228.05	-289.89	541.31	-289.89	0.55	0.48	7.41
9,375.00	2.44	355.25	9,322.97	-286.08	540.79	-286.08	0.37	0.24	6.81
9,470.00	3.03	358.90	9,417.86	-281.55	540.57	-281.55	0.65	0.62	3.84
9,494.00	3.10	0.07	9,441.82	-280.27	540.56	-280.27	0.39	0.29	4.88
9,589.00	4.22	201.29	9,536.75	-280.96	539.29	-280.96	7.58	1.18	-167.14
9,684.00	18.27	190.12	9,629.70	-298.97	535.39	-298.97	14.90	14.79	-11.76
9,779.00	27.90	191.28	9,716.99	-335.51	528.41	-335.51	10.15	10.14	1.22
9,873.00	33.96	186.53	9,797.60	-383.21	521.11	-383.21	6.95	6.45	-5.05
9,968.00	43.86	183.88	9,871.43	-442.56	515.85	-442.56	10.57	10.42	-2.79
10,063.00	55.00	188.44	9,933.14	-514.14	507.89	-514.14	12.27	11.73	4.80
10,158.00	60.27	188.98	9,983.98	-593.42	495.73	-593.42	5.57	5.55	0.57
10,253.00	65.41	188.76	10,027.33	-676.91	482.71	-676.91	5.41	5.41	-0.23
10,348.00	76.62	191.56	10,058.19	-765.17	466.81	-765.17	12.12	11.80	2.95
10,443.00	84.26	194.54	10,073.96	-856.35	445.65	-856.35	8.62	8.04	3.14
10,537.00	84.33	186.46	10,083.32	-948.24	428.62	-948.24	8.55	0.07	-8.60
10,632.00	83.65	184.47	10,093.27	-1,042.28	419.62	-1,042.28	2.20	-0.72	-2.09
10,727.00	89.30	181.10	10,099.11	-1,136.94	415.03	-1,136.94	6.92	5.95	-3.55
10,821.00	92.07	179.16	10,097.98	-1,230.91	414.81	-1,230.91	3.60	2.95	-2.06
10,916.00	90.01	177.82	10,096.26	-1,325.86	417.32	-1,325.86	2.59	-2.17	-1.41
11,011.00	88.79	175.39	10,097.26	-1,420.68	422.94	-1,420.68	2.86	-1.28	-2.56
11,106.00	88.11	179.32	10,099.83	-1,515.52	427.32	-1,515.52	4.20	-0.72	4.14
11,150.00	88.33	179.63	10,101.19	-1,559.50	427.73	-1,559.50	0.86	0.50	0.70
11,245.00	88.42	179.71	10,103.89	-1,654.46	428.27	-1,654.46	0.13	0.09	0.08



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3696.30usft (H&P 489)
Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)
11,339.00	88.11	179.36	10,106.73	-1,748.41	429.04	-1,748.41	0.50	-0.33	-0.37
11,434.00	87.28	179.15	10,110.55	-1,843.33	430.27	-1,843.33	0.90	-0.87	-0.22
11,529.00	86.20	179.25	10,115.96	-1,938.16	431.59	-1,938.16	1.14	-1.14	0.11
11,624.00	87.76	178.42	10,120.96	-2,033.01	433.52	-2,033.01	1.86	1.64	-0.87
11,719.00	89.47	176.50	10,123.26	-2,127.88	437.73	-2,127.88	2.71	1.80	-2.02
11,813.00	90.55	174.56	10,123.24	-2,221.59	445.06	-2,221.59	2.36	1.15	-2.06
11,908.00	88.61	173.39	10,123.94	-2,316.05	455.03	-2,316.05	2.38	-2.04	-1.23
12,003.00	86.71	175.67	10,127.82	-2,410.53	464.08	-2,410.53	3.12	-2.00	2.40
12,098.00	84.82	178.51	10,134.83	-2,505.14	468.89	-2,505.14	3.58	-1.99	2.99
12,192.00	84.99	181.05	10,143.18	-2,598.76	469.25	-2,598.76	2.70	0.18	2.70
12,287.00	86.83	183.94	10,149.96	-2,693.41	465.12	-2,693.41	3.60	1.94	3.04
12,382.00	89.14	184.39	10,153.30	-2,788.09	458.23	-2,788.09	2.48	2.43	0.47
12,477.00	89.14	181.09	10,154.72	-2,882.96	453.69	-2,882.96	3.47	0.00	-3.47
12,572.00	88.37	180.98	10,156.79	-2,977.92	451.97	-2,977.92	0.82	-0.81	-0.12
12,666.00	88.57	182.54	10,159.30	-3,071.84	449.08	-3,071.84	1.67	0.21	1.66
12,761.00	88.45	183.33	10,161.77	-3,166.68	444.22	-3,166.68	0.84	-0.13	0.83
12,856.00	88.85	184.24	10,164.01	-3,261.45	437.95	-3,261.45	1.05	0.42	0.96
12,950.00	89.04	185.10	10,165.74	-3,355.12	430.30	-3,355.12	0.94	0.20	0.91
13,045.00	89.04	185.91	10,167.33	-3,449.67	421.19	-3,449.67	0.85	0.00	0.85
13,140.00	89.39	186.01	10,168.63	-3,544.15	411.32	-3,544.15	0.38	0.37	0.11
13,234.00	89.33	185.64	10,169.68	-3,637.65	401.79	-3,637.65	0.40	-0.06	-0.39
13,329.00	89.45	184.53	10,170.69	-3,732.27	393.37	-3,732.27	1.18	0.13	-1.17
13,424.00	90.56	181.38	10,170.68	-3,827.13	388.47	-3,827.13	3.52	1.17	-3.32
13,518.00	91.60	178.68	10,168.91	-3,921.11	388.42	-3,921.11	3.08	1.11	-2.87
13,613.00	89.68	176.84	10,167.85	-4,016.02	392.13	-4,016.02	2.80	-2.02	-1.94
13,708.00	88.53	178.93	10,169.34	-4,110.94	395.64	-4,110.94	2.51	-1.21	2.20
13,803.00	87.40	181.59	10,172.71	-4,205.87	395.21	-4,205.87	3.04	-1.19	2.80
13,898.00	87.50	184.17	10,176.94	-4,300.64	390.44	-4,300.64	2.72	0.11	2.72
13,993.00	90.32	184.62	10,178.74	-4,395.34	383.16	-4,395.34	3.01	2.97	0.47
14,088.00	90.29	180.92	10,178.24	-4,490.21	378.57	-4,490.21	3.89	-0.03	-3.89
14,183.00	88.67	177.78	10,179.10	-4,585.18	379.65	-4,585.18	3.72	-1.71	-3.31
14,277.00	88.34	179.75	10,181.55	-4,679.13	381.67	-4,679.13	2.12	-0.35	2.10
14,372.00	89.68	179.81	10,183.19	-4,774.11	382.04	-4,774.11	1.41	1.41	0.06
14,467.00	90.25	178.72	10,183.25	-4,869.10	383.26	-4,869.10	1.29	0.60	-1.15
14,562.00	90.41	176.34	10,182.71	-4,964.00	387.35	-4,964.00	2.51	0.17	-2.51
14,656.00	89.90	175.27	10,182.45	-5,057.75	394.23	-5,057.75	1.26	-0.54	-1.14
14,751.00	90.58	175.96	10,182.05	-5,152.47	401.49	-5,152.47	1.02	0.72	0.73
14,845.00	91.18	176.29	10,180.61	-5,246.24	407.84	-5,246.24	0.73	0.64	0.35
14,940.00	91.64	177.03	10,178.27	-5,341.05	413.38	-5,341.05	0.92	0.48	0.78
15,034.00	91.81	177.35	10,175.44	-5,434.90	417.98	-5,434.90	0.39	0.18	0.34
15,129.00	92.17	177.93	10,172.14	-5,529.76	421.89	-5,529.76	0.72	0.38	0.61
15,224.00	92.38	178.44	10,168.37	-5,624.63	424.90	-5,624.63	0.58	0.22	0.54
15,319.00	92.30	178.84	10,164.49	-5,719.53	427.15	-5,719.53	0.43	-0.08	0.42



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3696.30usft (H&P 489)
Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)	
15,423.00	90.76	180.86	10,161.72	-5,823.48	427.42	-5,823.48	2.44	-1.48	1.94	
15,518.00	91.10	180.44	10,160.17	-5,918.46	426.34	-5,918.46	0.57	0.36	-0.44	
15,613.00	88.31	179.83	10,160.66	-6,013.45	426.12	-6,013.45	3.01	-2.94	-0.64	
15,708.00	88.39	180.08	10,163.40	-6,108.41	426.19	-6,108.41	0.28	0.08	0.26	
15,803.00	88.81	179.85	10,165.72	-6,203.38	426.25	-6,203.38	0.50	0.44	-0.24	
15,897.00	88.96	179.65	10,167.55	-6,297.36	426.66	-6,297.36	0.27	0.16	-0.21	
15,992.00	89.45	179.18	10,168.87	-6,392.35	427.63	-6,392.35	0.71	0.52	-0.49	
16,087.00	89.65	178.99	10,169.61	-6,487.33	429.15	-6,487.33	0.29	0.21	-0.20	
16,182.00	89.99	178.98	10,169.91	-6,582.32	430.83	-6,582.32	0.36	0.36	-0.01	
16,276.00	90.02	178.71	10,169.90	-6,676.30	432.73	-6,676.30	0.29	0.03	-0.29	
16,371.00	90.36	180.33	10,169.59	-6,771.29	433.52	-6,771.29	1.74	0.36	1.71	
16,466.00	90.78	180.54	10,168.64	-6,866.29	432.80	-6,866.29	0.49	0.44	0.22	
16,560.00	91.19	180.27	10,167.03	-6,960.27	432.14	-6,960.27	0.52	0.44	-0.29	
16,655.00	90.19	180.95	10,165.88	-7,055.25	431.13	-7,055.25	1.27	-1.05	0.72	
16,750.00	88.24	181.25	10,167.18	-7,150.22	429.30	-7,150.22	2.08	-2.05	0.32	
16,844.00	88.34	180.95	10,169.99	-7,244.16	427.50	-7,244.16	0.34	0.11	-0.32	
16,939.00	88.45	181.05	10,172.65	-7,339.11	425.84	-7,339.11	0.16	0.12	0.11	
17,034.00	88.70	180.67	10,175.01	-7,434.07	424.42	-7,434.07	0.48	0.26	-0.40	
17,128.00	89.53	180.78	10,176.47	-7,528.05	423.23	-7,528.05	0.89	0.88	0.12	
17,222.00	90.21	180.85	10,176.68	-7,622.04	421.89	-7,622.04	0.73	0.72	0.07	
17,317.00	88.22	180.75	10,177.98	-7,717.02	420.56	-7,717.02	2.10	-2.09	-0.11	
17,412.00	88.06	180.29	10,181.06	-7,811.96	419.70	-7,811.96	0.51	-0.17	-0.48	
17,506.00	88.13	180.08	10,184.19	-7,905.91	419.40	-7,905.91	0.24	0.07	-0.22	
17,601.00	88.08	179.47	10,187.33	-8,000.86	419.77	-8,000.86	0.64	-0.05	-0.64	
17,695.00	88.05	179.20	10,190.50	-8,094.80	420.86	-8,094.80	0.29	-0.03	-0.29	
17,790.00	88.06	178.83	10,193.73	-8,189.73	422.49	-8,189.73	0.39	0.01	-0.39	
17,885.00	88.40	178.62	10,196.66	-8,284.66	424.61	-8,284.66	0.42	0.36	-0.22	
17,980.00	88.50	178.47	10,199.23	-8,379.60	427.02	-8,379.60	0.19	0.11	-0.16	
18,075.00	88.67	178.09	10,201.58	-8,474.52	429.87	-8,474.52	0.44	0.18	-0.40	
18,170.00	90.68	178.13	10,202.12	-8,569.47	433.00	-8,569.47	2.12	2.12	0.04	
18,264.00	91.83	178.63	10,200.06	-8,663.40	435.66	-8,663.40	1.33	1.22	0.53	
18,359.00	92.16	179.26	10,196.75	-8,758.33	437.41	-8,758.33	0.75	0.35	0.66	
18,454.00	91.47	180.77	10,193.74	-8,853.28	437.38	-8,853.28	1.75	-0.73	1.59	
18,549.00	91.64	180.99	10,191.16	-8,948.23	435.92	-8,948.23	0.29	0.18	0.23	
18,643.00	92.06	181.89	10,188.13	-9,042.15	433.56	-9,042.15	1.06	0.45	0.96	
18,738.00	90.53	182.88	10,185.98	-9,137.04	429.61	-9,137.04	1.92	-1.61	1.04	
18,833.00	90.28	183.62	10,185.31	-9,231.89	424.22	-9,231.89	0.82	-0.26	0.78	
18,927.00	88.84	183.24	10,186.03	-9,325.71	418.60	-9,325.71	1.58	-1.53	-0.40	
19,021.00	88.87	182.91	10,187.91	-9,419.56	413.56	-9,419.56	0.35	0.03	-0.35	
19,115.00	89.04	182.39	10,189.62	-9,513.44	409.21	-9,513.44	0.58	0.18	-0.55	
19,210.00	87.05	181.74	10,192.87	-9,608.32	405.79	-9,608.32	2.20	-2.09	-0.68	
19,305.00	86.51	182.14	10,198.20	-9,703.11	402.58	-9,703.11	0.71	-0.57	0.42	
19,400.00	85.60	181.94	10,204.74	-9,797.83	399.21	-9,797.83	0.98	-0.96	-0.21	
19,495.00	85.91	181.16	10,211.77	-9,892.53	396.65	-9,892.53	0.88	0.33	-0.82	



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 502H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3696.30usft (H&P 489)
Site:	Chorizo 12 State Com	MD Reference:	RKB @ 3696.30usft (H&P 489)
Well:	502H	North Reference:	True
Wellbore:	OH / 67177	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 489)	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)
19,590.00	87.16	181.15	10,217.51	-9,987.34	394.73	-9,987.34	1.32	1.32	-0.01
19,684.00	89.11	180.91	10,220.57	-10,081.27	393.05	-10,081.27	2.09	2.07	-0.26
19,779.00	89.93	180.14	10,221.37	-10,176.26	392.18	-10,176.26	1.18	0.86	-0.81
19,874.00	89.99	179.79	10,221.43	-10,271.26	392.23	-10,271.26	0.37	0.06	-0.37
19,969.00	90.88	179.47	10,220.71	-10,366.25	392.85	-10,366.25	1.00	0.94	-0.34
20,064.00	91.53	178.81	10,218.71	-10,461.22	394.27	-10,461.22	0.97	0.68	-0.69
20,158.00	91.98	176.87	10,215.83	-10,555.10	397.81	-10,555.10	2.12	0.48	-2.06
20,243.00	92.16	178.14	10,212.76	-10,639.97	401.51	-10,639.97	1.51	0.21	1.49
Final Phoenix MWD Survey									
20,308.00	92.16	178.14	10,210.31	-10,704.89	403.62	-10,704.89	0.00	0.00	0.00
Projection to TD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,884.00	1,883.91	-11.09	3.67	Tie In
1,984.00	1,983.89	-10.85	5.72	First Phoenix MWD Survey
20,243.00	10,212.76	-10,639.97	401.51	Final Phoenix MWD Survey
20,308.00	10,210.31	-10,704.89	403.62	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

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	Form C-103 August 1, 2011 Permit 299125 WELL API NUMBER 30-025-47959 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name CHORIZO 12 STATE COM
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SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: O	8. Well Number 502H
2. Name of Operator CENTENNIAL RESOURCE PRODUCTION, LLC	9. OGRID Number 372165
3. Address of Operator 1001 17th Street Suite 1800, Denver, CO 80202	10. Pool name or Wildcat
4. Well Location Unit Letter <u>E</u> : <u>2467</u> feet from the <u>N</u> line and feet <u>915</u> from the <u>W</u> line Section <u>36</u> Township <u>21S</u> Range <u>34E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3670 GR	

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Perforations/Tubing</u> ☒
---	--

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached

Perforations

Pool: GRAMA RIDGE; BONE SPRING, NE , 28435 Location: F-12-22S-34E 2541 N 1320 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
10368	17763	N	0	0.41	SlickWater	Frac	0

Pool: OJO CHISO; BONE SPRING , 96553 Location: F-12-22S-34E 2541 N 1320 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
17783	20257	N	0	0.41	SlickWater	Frac	0

Tubing

GRAMA RIDGE;BONE SPRING, NE , 28435

Tubing Size	Type	Depth Set	Packer Set
0		0	0
2.875	L-80 E	10151	0

OJO CHISO;BONE SPRING , 96553

Tubing Size	Type	Depth Set	Packer Set
0		0	0
2.875	L-80 E	10151	0

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE	Electronically Signed	TITLE	Regulatory Lead	DATE	8/4/2021
Type or print name	Sarah Ferreyros	E-mail address	Sarah.Ferreyros@cdevinc.com	Telephone No.	720-499-1454

For State Use Only:

APPROVED BY:	Kurt Simmons	TITLE	Petroleum Specialist - A	DATE	8/5/2021 10:19:34 AM
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Centennial Resource Production, LLC (372165)
1001 17th St., Ste. 1800
Denver CO 80202

C-103
Chorizo 12 State Com #502H
Lease #322870
30-025-47959
OJO Chiso; Bone Spring (96553)

DESCRIPTION OF WORK:

11/28/20: Spud well. Spud 17-1/2" hole @ 12:30 PM.

12/2/20: Drilling 17-1/2" hole. TD 17-1/2" hole @ 1,890'. Ran 48 joints of 13-3/8", 54.5# J55 @ 1871'. Cmt w/1020 sx CLC lead, 1.80 yield. Tail w/520 sx, 1.34 yield. Circulate 30 bbls to surface. Will test csg. on rig.

12/2/21: Test surface casing to 2100#, 30 minutes, test good.

12/27/21 thru 12/29/21: TD 12-1/4" hole @ 5615'. Ran 132 joints 9-5/8, J55, 40# @ 5606'. Cmt w/165 sx CLC lead, yield 3.66, 185 sxs tail, 1.33 yield. 2nd lead w/770 sxs C, yield 3.66, 60 sx CLC tail, yield 1.33. Cir 137 bbls to surface. DV tool @ 4028'. Will test csg before production string.

12/30/20: Tested 9-5/8" csg to 1350 # for 30 minutes, good test.

1/1/21: TD 8-3/4" curve at 10,727', KOP @ 9,529'.

1/10/21: TD 8-1/2 lateral at 20,308 MD, 10,212 TVD.

1/13/21: Ran 460 joints 5-1/2, P110, 20# @ 20,298'. Cmt w/755 sxs C LC lead, yield 3.54. Tail w/1805 sx CLC, yield 1.66. Cir 30 bbls to surface. RR. Will test production csg. on completion rig.

2/12/21: Test production csg to 10,500# for 30 minutes, test good.

2/19/21 – 3/8/21: Perf & frac 38 stages, 10,368 – 20,257 w/21,868,618 gals fluid (0% produced water) 25,933,800# 100 mesh sand, 2040 holes.

3/9/21: Drill out plugs, PBTD @ 20,261. Flowing up casing.

3/11/21: Turn well to production.

3/15/21: 1st production.

4/2/21: Test well: 3,086 oil, 1,504 gas, 2,377 water, 21,035 produced prior to test, oil gravity 41.

5/12/21: Run 2-7/8", 6.5#, L-80 tubing @ 10,151'.

District I

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District II

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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

COMMENTS

Action 299125

COMMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 299125
	Action Type: [C-103] EP Perforations / Tubing

Comments

Created By	Comment	Comment Date
belts	Completion Sundry; Description of work attached	8/4/2021

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. 30-025-47959		
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 Chorizo 12 State Com		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								6. Well Number: 502H		
8. Name of Operator Centennial Resource Production, LLC						9. OGRID 372165				
10. Address of Operator 1001 17th St., Ste 1800 Denver CO 80202						11. Pool name or Wildcat Grama Ridge; Bone Spring, NE (28435)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	36	21S	34E		2467	N	915	W	LEA
BH:	E	12	22S	34E		2526	N	1335	W	LEA
13. Date Spudded 11/28/20	14. Date T.D. Reached 1/13/21		15. Date Rig Released 1/13/21			16. Date Completed (Ready to Produce) 3/11/21		17. Elevations (DF and RKB, RT, GR, etc.) 3670 GR		
18. Total Measured Depth of Well 20,308 MD 10,210 TVD			19. Plug Back Measured Depth 20,261			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 10,368 - 20,257 O.A GRAMA; 10,368-17,763 OJO; 17,783-20,257										
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#		1871		17-1/2		1540 CLC		
9-5/8		40		5605		12-1/4		1180 CLC		
5-1/2		20#		20298		8-3/4 AND 8-1/2		2580 CLC		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2-7/8	10,151				
26. Perforation record (interval, size, and number) 10,368 - 20,257 O.A. Grama: 10,368 - 17,763 OJO: 17,783 - 20,257 Bone Spring 2040 Holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,368-20,257		21,868,618 Gals Fluid		
								25,933,800 100 Mesh		
28. PRODUCTION										
Date First Production 3/15/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Artificial Lift				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 4/2/21	Hours Tested 24	Choke Size 1.062	Prod'n For Test Period	Oil - Bbl 3086 / 2315	Gas - MCF 1504 / 1128	Water - Bbl. 1377 / 1783	Gas - Oil Ratio 487			
Flow Tubing Press.	Casing Pressure 390	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 41				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By Derrick Melton			
31. List Attachments (2) C-105's; (2) C-104's; (2) C-102's; KOP Points; Completion C-103; Survey										
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 <i>Sandra Belt</i>			Printed Name Sandra Belt			Title Regulatory Analyst			Date 8-9-21	
E-mail Address sandra@permianregulatory.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	
Cherry Canyon	3739	Brushy Canyon	7086
T. Salt		T. Ojo Alamo	T. Penn A"
B. Salt	3788	T. Strawn	T. Kirtland
T. Yates	3798	T. Atoka	T. Fruitland
T. 7 Rivers		T. Miss	T. Pictured Cliffs
Capitan	4364	T. Devonian	T. Cliff House
T. Grayburg		T. Silurian	T. Menefee
T. San Andres		T. Montoya	T. Point Lookout
Manzanita Lime	6109	T. Simpson	T. Mancos
T. Paddock		T. McKee	T. Gallup
T. Blinebry		T. Ellenburger	T. Ignacio Otzte
T.Tubb		T. Gr. Wash	T.Granite
T. Drinkard		T. Delaware Sand	
T. Abo		T. Bone Springs Lime	
T. Wolfcamp		8437	
T. Penn		T. FBSG	
		9597	
		T. SBSG	
		12069	
		T.	
		T. Chinle	
		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

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					
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10. Address of Operator 1001 17th St., Ste 1800 Denver CO 80202						11. Pool name or Wildcat OJO Chiso; Bone Spring (96533)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
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SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
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						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
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Date of Test 4/2/21	Hours Tested 24	Choke Size 1.062	Prod'n For Test Period	Oil - Bbl 3086 / 771	Gas - MCF 1504 / 376	Water - Bbl. 1377 / 594	Gas - Oil Ratio 487			
Flow Tubing Press.	Casing Pressure 390	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 41				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Derrick Melton			
31. List Attachments (2) C-105's; (2) C-104's; (2) C-102's; KOP Points; Completion C-103; Survey										
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 <i>Sandra Belt</i>			Printed Name Sandra Belt		Title Regulatory Analyst			Date 8-9-21		
E-mail Address sandra@permianregulatory.com										

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T. Tubb		T. Gr. Wash	T. Granite
T. Drinkard		T. Delaware Sand	
T. Abo		T. Bone Springs Lime	
T. Wolfcamp		8437	
T. Penn		T. FBSG	
		9597	
		T. SBSG	
		12069	
		T. Chinle	
		T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
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From	To	Thickness In Feet	Lithology

District I

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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 47135

ACKNOWLEDGMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 47135
	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
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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 47135

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 47135
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/8/2021