

Submit a Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-50159	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Eric Cartman 6 State Com	
8. Well Number 504H	
9. OGRID Number 372165	
10. Pool name or Wildcat Ojo Chiso; Bone Spring	

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: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator CENTENNIAL RESOURCE PRODUCTION, LLC	
3. Address of Operator 1001 17TH ST SUITE 1800 DENVER, CO 80202	
4. Well Location Unit Letter A : 135 feet from the North line and 448 feet from the East line Section 31 Township 21S Range 35E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3613 GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☒	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Centennial Resource Production, LLC respectfully requests to move the SHL from 135 FNL & 445 FEL to 135 FNL & 448 FEL. Updated directional survey and well plat is attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Sr. Regulatory Analyst** DATE **1/17/22**

Type or print name **Meghan Twele** E-mail address: **meghan.twele@permianres.com** PHONE: **720-499-1531**

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹⁰ Surface Location

¹¹ Bottom Hole Location If Different From Surface

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.



I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 1/18/23
Date

Meghan Twele
Printed Name

meghan.twele@permianres.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

November 12, 2021

Date of Survey _____
Signature and Seal of Professional Surveyor: _____



Certificate Number:

NEW MEXICO

(SP) LEA

ERIC CARTMAN

ERIC CARTMAN 31 ST COM 504H

OWB

Plan: PWP0

Standard Planning Report - Geographic

18 January, 2023

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 504H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.9usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.9usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 504H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Project	(SP) LEA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		ERIC CARTMAN			
Site Position:		Northing:	515,699.47 usft	Latitude:	32° 24' 51.489 N
From:	Map	Easting:	827,909.28 usft	Longitude:	103° 24' 16.884 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.50 °

Well	ERIC CARTMAN 31 ST COM 504H					
Well Position	+N/-S	0.0 usft	Northing:	525,925.75 usft	Latitude:	32° 26' 32.548 N
	+E/-W	0.0 usft	Easting:	829,358.21 usft	Longitude:	103° 23' 58.940 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,612.9 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.69	60.47	48,942.33098158

Design	PWP0			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	199.11

Plan Survey Tool Program	Date	1/18/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,338.2 PWP0 (OWB)	MWD+IFR1+MS OWSG_Rev2_ MWD + IFR1 +	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,750.0	15.00	273.00	2,741.5	5.1	-97.5	2.00	2.00	0.00	273.00	
8,970.0	15.00	273.00	8,749.5	89.4	-1,705.1	0.00	0.00	0.00	0.00	
9,720.0	0.00	0.00	9,491.0	94.5	-1,802.6	2.00	-2.00	0.00	180.00	
9,907.0	0.00	0.00	9,678.0	94.5	-1,802.6	0.00	0.00	0.00	0.00	
10,649.7	89.20	179.46	10,155.0	-375.9	-1,798.2	12.01	12.01	0.00	179.46	
10,650.0	89.21	179.46	10,155.0	-376.2	-1,798.2	2.00	1.98	0.28	8.01	
15,338.2	89.21	179.46	10,220.0	-5,063.7	-1,754.1	0.00	0.00	0.00	0.00	ERIC CARTMAN 31 ST COM 504H

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 504H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.9usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.9usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 504H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
100.0	0.00	0.00	100.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
200.0	0.00	0.00	200.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
300.0	0.00	0.00	300.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
400.0	0.00	0.00	400.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
500.0	0.00	0.00	500.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
600.0	0.00	0.00	600.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
700.0	0.00	0.00	700.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
800.0	0.00	0.00	800.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
900.0	0.00	0.00	900.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	525,925.75	829,358.21	32° 26' 32.548 N	103° 23' 58.940 W
2,100.0	2.00	273.00	2,100.0	0.1	-1.7	525,925.84	829,356.47	32° 26' 32.549 N	103° 23' 58.961 W
2,200.0	4.00	273.00	2,199.8	0.4	-7.0	525,926.12	829,351.24	32° 26' 32.552 N	103° 23' 59.022 W
2,300.0	6.00	273.00	2,299.4	0.8	-15.7	525,926.57	829,342.54	32° 26' 32.557 N	103° 23' 59.123 W
2,400.0	8.00	273.00	2,398.7	1.5	-27.8	525,927.21	829,330.37	32° 26' 32.565 N	103° 23' 59.265 W
2,500.0	10.00	273.00	2,497.5	2.3	-43.5	525,928.03	829,314.75	32° 26' 32.574 N	103° 23' 59.447 W
2,600.0	12.00	273.00	2,595.6	3.3	-62.5	525,929.03	829,295.69	32° 26' 32.586 N	103° 23' 59.670 W
2,700.0	14.00	273.00	2,693.0	4.5	-85.0	525,930.21	829,273.23	32° 26' 32.599 N	103° 23' 59.932 W
2,750.0	15.00	273.00	2,741.5	5.1	-97.5	525,930.86	829,260.73	32° 26' 32.607 N	103° 24' 0.077 W
2,800.0	15.00	273.00	2,789.8	5.8	-110.4	525,931.54	829,247.81	32° 26' 32.614 N	103° 24' 0.228 W
2,900.0	15.00	273.00	2,886.3	7.1	-136.2	525,932.89	829,221.96	32° 26' 32.630 N	103° 24' 0.530 W
3,000.0	15.00	273.00	2,982.9	8.5	-162.1	525,934.25	829,196.11	32° 26' 32.646 N	103° 24' 0.831 W
3,100.0	15.00	273.00	3,079.5	9.8	-187.9	525,935.60	829,170.27	32° 26' 32.661 N	103° 24' 1.132 W
3,200.0	15.00	273.00	3,176.1	11.2	-213.8	525,936.96	829,144.42	32° 26' 32.677 N	103° 24' 1.434 W
3,300.0	15.00	273.00	3,272.7	12.6	-239.6	525,938.31	829,118.57	32° 26' 32.693 N	103° 24' 1.735 W
3,400.0	15.00	273.00	3,369.3	13.9	-265.5	525,939.67	829,092.73	32° 26' 32.708 N	103° 24' 2.037 W
3,500.0	15.00	273.00	3,465.9	15.3	-291.3	525,941.02	829,066.88	32° 26' 32.724 N	103° 24' 2.338 W
3,600.0	15.00	273.00	3,562.5	16.6	-317.2	525,942.37	829,041.03	32° 26' 32.740 N	103° 24' 2.640 W
3,700.0	15.00	273.00	3,659.1	18.0	-343.0	525,943.73	829,015.19	32° 26' 32.755 N	103° 24' 2.941 W
3,800.0	15.00	273.00	3,755.7	19.3	-368.9	525,945.08	828,989.34	32° 26' 32.771 N	103° 24' 3.242 W
3,900.0	15.00	273.00	3,852.3	20.7	-394.7	525,946.44	828,963.50	32° 26' 32.786 N	103° 24' 3.544 W
4,000.0	15.00	273.00	3,948.9	22.0	-420.6	525,947.79	828,937.65	32° 26' 32.802 N	103° 24' 3.845 W
4,100.0	15.00	273.00	4,045.5	23.4	-446.4	525,949.15	828,911.80	32° 26' 32.818 N	103° 24' 4.147 W
4,200.0	15.00	273.00	4,142.0	24.7	-472.3	525,950.50	828,885.96	32° 26' 32.833 N	103° 24' 4.448 W
4,300.0	15.00	273.00	4,238.6	26.1	-498.1	525,951.86	828,860.11	32° 26' 32.849 N	103° 24' 4.750 W
4,400.0	15.00	273.00	4,335.2	27.5	-523.9	525,953.21	828,834.26	32° 26' 32.865 N	103° 24' 5.051 W
4,500.0	15.00	273.00	4,431.8	28.8	-549.8	525,954.57	828,808.42	32° 26' 32.880 N	103° 24' 5.353 W
4,600.0	15.00	273.00	4,528.4	30.2	-575.6	525,955.92	828,782.57	32° 26' 32.896 N	103° 24' 5.654 W
4,700.0	15.00	273.00	4,625.0	31.5	-601.5	525,957.27	828,756.72	32° 26' 32.912 N	103° 24' 5.955 W
4,800.0	15.00	273.00	4,721.6	32.9	-627.3	525,958.63	828,730.88	32° 26' 32.927 N	103° 24' 6.257 W
4,900.0	15.00	273.00	4,818.2	34.2	-653.2	525,959.98	828,705.03	32° 26' 32.943 N	103° 24' 6.558 W
5,000.0	15.00	273.00	4,914.8	35.6	-679.0	525,961.34	828,679.18	32° 26' 32.958 N	103° 24' 6.860 W
5,100.0	15.00	273.00	5,011.4	36.9	-704.9	525,962.69	828,653.34	32° 26' 32.974 N	103° 24' 7.161 W
5,200.0	15.00	273.00	5,108.0	38.3	-730.7	525,964.05	828,627.49	32° 26' 32.990 N	103° 24' 7.463 W
5,300.0	15.00	273.00	5,204.6	39.6	-756.6	525,965.40	828,601.65	32° 26' 33.005 N	103° 24' 7.764 W

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 504H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.9usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.9usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 504H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,400.0	15.00	273.00	5,301.2	41.0	-782.4	525,966.76	828,575.80	32° 26' 33.021 N	103° 24' 8.066 W	
5,500.0	15.00	273.00	5,397.7	42.4	-808.3	525,968.11	828,549.95	32° 26' 33.037 N	103° 24' 8.367 W	
5,600.0	15.00	273.00	5,494.3	43.7	-834.1	525,969.47	828,524.11	32° 26' 33.052 N	103° 24' 8.668 W	
5,700.0	15.00	273.00	5,590.9	45.1	-859.9	525,970.82	828,498.26	32° 26' 33.068 N	103° 24' 8.970 W	
5,800.0	15.00	273.00	5,687.5	46.4	-885.8	525,972.17	828,472.41	32° 26' 33.084 N	103° 24' 9.271 W	
5,900.0	15.00	273.00	5,784.1	47.8	-911.6	525,973.53	828,446.57	32° 26' 33.099 N	103° 24' 9.573 W	
6,000.0	15.00	273.00	5,880.7	49.1	-937.5	525,974.88	828,420.72	32° 26' 33.115 N	103° 24' 9.874 W	
6,100.0	15.00	273.00	5,977.3	50.5	-963.3	525,976.24	828,394.87	32° 26' 33.130 N	103° 24' 10.176 W	
6,200.0	15.00	273.00	6,073.9	51.8	-989.2	525,977.59	828,369.03	32° 26' 33.146 N	103° 24' 10.477 W	
6,300.0	15.00	273.00	6,170.5	53.2	-1,015.0	525,978.95	828,343.18	32° 26' 33.162 N	103° 24' 10.779 W	
6,400.0	15.00	273.00	6,267.1	54.5	-1,040.9	525,980.30	828,317.34	32° 26' 33.177 N	103° 24' 11.080 W	
6,500.0	15.00	273.00	6,363.7	55.9	-1,066.7	525,981.66	828,291.49	32° 26' 33.193 N	103° 24' 11.381 W	
6,600.0	15.00	273.00	6,460.3	57.3	-1,092.6	525,983.01	828,265.64	32° 26' 33.209 N	103° 24' 11.683 W	
6,700.0	15.00	273.00	6,556.9	58.6	-1,118.4	525,984.37	828,239.80	32° 26' 33.224 N	103° 24' 11.984 W	
6,800.0	15.00	273.00	6,653.4	60.0	-1,144.3	525,985.72	828,213.95	32° 26' 33.240 N	103° 24' 12.286 W	
6,900.0	15.00	273.00	6,750.0	61.3	-1,170.1	525,987.07	828,188.10	32° 26' 33.255 N	103° 24' 12.587 W	
7,000.0	15.00	273.00	6,846.6	62.7	-1,196.0	525,988.43	828,162.26	32° 26' 33.271 N	103° 24' 12.889 W	
7,100.0	15.00	273.00	6,943.2	64.0	-1,221.8	525,989.78	828,136.41	32° 26' 33.287 N	103° 24' 13.190 W	
7,200.0	15.00	273.00	7,039.8	65.4	-1,247.6	525,991.14	828,110.56	32° 26' 33.302 N	103° 24' 13.492 W	
7,300.0	15.00	273.00	7,136.4	66.7	-1,273.5	525,992.49	828,084.72	32° 26' 33.318 N	103° 24' 13.793 W	
7,400.0	15.00	273.00	7,233.0	68.1	-1,299.3	525,993.85	828,058.87	32° 26' 33.334 N	103° 24' 14.094 W	
7,500.0	15.00	273.00	7,329.6	69.4	-1,325.2	525,995.20	828,033.03	32° 26' 33.349 N	103° 24' 14.396 W	
7,600.0	15.00	273.00	7,426.2	70.8	-1,351.0	525,996.56	828,007.18	32° 26' 33.365 N	103° 24' 14.697 W	
7,700.0	15.00	273.00	7,522.8	72.2	-1,376.9	525,997.91	827,981.33	32° 26' 33.380 N	103° 24' 14.999 W	
7,800.0	15.00	273.00	7,619.4	73.5	-1,402.7	525,999.27	827,955.49	32° 26' 33.396 N	103° 24' 15.300 W	
7,900.0	15.00	273.00	7,716.0	74.9	-1,428.6	526,000.62	827,929.64	32° 26' 33.412 N	103° 24' 15.602 W	
8,000.0	15.00	273.00	7,812.6	76.2	-1,454.4	526,001.97	827,903.79	32° 26' 33.427 N	103° 24' 15.903 W	
8,100.0	15.00	273.00	7,909.1	77.6	-1,480.3	526,003.33	827,877.95	32° 26' 33.443 N	103° 24' 16.205 W	
8,200.0	15.00	273.00	8,005.7	78.9	-1,506.1	526,004.68	827,852.10	32° 26' 33.459 N	103° 24' 16.506 W	
8,300.0	15.00	273.00	8,102.3	80.3	-1,532.0	526,006.04	827,826.25	32° 26' 33.474 N	103° 24' 16.807 W	
8,400.0	15.00	273.00	8,198.9	81.6	-1,557.8	526,007.39	827,800.41	32° 26' 33.490 N	103° 24' 17.109 W	
8,500.0	15.00	273.00	8,295.5	83.0	-1,583.6	526,008.75	827,774.56	32° 26' 33.505 N	103° 24' 17.410 W	
8,600.0	15.00	273.00	8,392.1	84.3	-1,609.5	526,010.10	827,748.72	32° 26' 33.521 N	103° 24' 17.712 W	
8,700.0	15.00	273.00	8,488.7	85.7	-1,635.3	526,011.46	827,722.87	32° 26' 33.537 N	103° 24' 18.013 W	
8,800.0	15.00	273.00	8,585.3	87.1	-1,661.2	526,012.81	827,697.02	32° 26' 33.552 N	103° 24' 18.315 W	
8,900.0	15.00	273.00	8,681.9	88.4	-1,687.0	526,014.17	827,671.18	32° 26' 33.568 N	103° 24' 18.616 W	
8,970.0	15.00	273.00	8,749.5	89.4	-1,705.1	526,015.11	827,653.08	32° 26' 33.579 N	103° 24' 18.827 W	
9,000.0	14.40	273.00	8,778.5	89.8	-1,712.7	526,015.51	827,645.48	32° 26' 33.584 N	103° 24' 18.916 W	
9,100.0	12.40	273.00	8,875.8	91.0	-1,735.9	526,016.72	827,622.34	32° 26' 33.598 N	103° 24' 19.186 W	
9,200.0	10.40	273.00	8,973.8	92.0	-1,755.6	526,017.76	827,602.60	32° 26' 33.609 N	103° 24' 19.416 W	
9,300.0	8.40	273.00	9,072.5	92.9	-1,771.9	526,018.61	827,586.29	32° 26' 33.619 N	103° 24' 19.606 W	
9,400.0	6.40	273.00	9,171.6	93.5	-1,784.8	526,019.29	827,573.43	32° 26' 33.627 N	103° 24' 19.756 W	
9,500.0	4.40	273.00	9,271.2	94.0	-1,794.2	526,019.78	827,564.03	32° 26' 33.633 N	103° 24' 19.866 W	
9,600.0	2.40	273.00	9,371.0	94.3	-1,800.1	526,020.09	827,558.11	32° 26' 33.636 N	103° 24' 19.935 W	
9,700.0	0.40	273.00	9,471.0	94.5	-1,802.5	526,020.22	827,555.67	32° 26' 33.638 N	103° 24' 19.963 W	
9,720.0	0.00	0.00	9,491.0	94.5	-1,802.6	526,020.22	827,555.60	32° 26' 33.638 N	103° 24' 19.964 W	
9,800.0	0.00	0.00	9,571.0	94.5	-1,802.6	526,020.22	827,555.60	32° 26' 33.638 N	103° 24' 19.964 W	
9,900.0	0.00	0.00	9,671.0	94.5	-1,802.6	526,020.22	827,555.60	32° 26' 33.638 N	103° 24' 19.964 W	
9,907.0	0.00	0.00	9,678.0	94.5	-1,802.6	526,020.22	827,555.60	32° 26' 33.638 N	103° 24' 19.964 W	
10,000.0	11.17	179.46	9,770.4	85.4	-1,802.5	526,011.19	827,555.68	32° 26' 33.548 N	103° 24' 19.964 W	
10,100.0	23.18	179.46	9,865.7	56.0	-1,802.2	525,981.72	827,555.96	32° 26' 33.257 N	103° 24' 19.964 W	
10,200.0	35.19	179.46	9,952.9	7.3	-1,801.8	525,933.05	827,556.42	32° 26' 32.775 N	103° 24' 19.963 W	
10,300.0	47.20	179.46	10,028.0	-58.4	-1,801.2	525,867.32	827,557.04	32° 26' 32.125 N	103° 24' 19.963 W	
10,400.0	59.21	179.46	10,087.8	-138.4	-1,800.4	525,787.39	827,557.79	32° 26' 31.334 N	103° 24' 19.962 W	
10,500.0	71.22	179.46	10,129.6	-229.0	-1,799.6	525,696.78	827,558.65	32° 26' 30.437 N	103° 24' 19.961 W	

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 504H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.9usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.9usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 504H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,600.0	83.23	179.46	10,151.7	-326.3	-1,798.6	525,599.44	827,559.56	32° 26' 29.474 N	103° 24' 19.960 W	
10,649.7	89.20	179.46	10,155.0	-375.9	-1,798.2	525,549.84	827,560.03	32° 26' 28.983 N	103° 24' 19.960 W	
10,650.0	89.21	179.46	10,155.0	-376.2	-1,798.2	525,549.56	827,560.03	32° 26' 28.981 N	103° 24' 19.960 W	
10,700.0	89.21	179.46	10,155.7	-426.2	-1,797.7	525,499.58	827,560.50	32° 26' 28.486 N	103° 24' 19.960 W	
10,800.0	89.21	179.46	10,157.1	-526.2	-1,796.8	525,399.59	827,561.44	32° 26' 27.497 N	103° 24' 19.959 W	
10,900.0	89.21	179.46	10,158.5	-626.1	-1,795.8	525,299.61	827,562.39	32° 26' 26.507 N	103° 24' 19.958 W	
11,000.0	89.21	179.46	10,159.9	-726.1	-1,794.9	525,199.62	827,563.33	32° 26' 25.518 N	103° 24' 19.957 W	
11,100.0	89.21	179.46	10,161.2	-826.1	-1,793.9	525,099.64	827,564.27	32° 26' 24.528 N	103° 24' 19.956 W	
11,200.0	89.21	179.46	10,162.6	-926.1	-1,793.0	524,999.65	827,565.21	32° 26' 23.539 N	103° 24' 19.955 W	
11,300.0	89.21	179.46	10,164.0	-1,026.1	-1,792.1	524,899.66	827,566.15	32° 26' 22.550 N	103° 24' 19.955 W	
11,400.0	89.21	179.46	10,165.4	-1,126.1	-1,791.1	524,799.68	827,567.09	32° 26' 21.560 N	103° 24' 19.954 W	
11,500.0	89.21	179.46	10,166.8	-1,226.1	-1,790.2	524,699.69	827,568.03	32° 26' 20.571 N	103° 24' 19.953 W	
11,600.0	89.21	179.46	10,168.2	-1,326.0	-1,789.2	524,599.71	827,568.97	32° 26' 19.582 N	103° 24' 19.952 W	
11,700.0	89.21	179.46	10,169.6	-1,426.0	-1,788.3	524,499.72	827,569.91	32° 26' 18.592 N	103° 24' 19.951 W	
11,800.0	89.21	179.46	10,170.9	-1,526.0	-1,787.4	524,399.73	827,570.85	32° 26' 17.603 N	103° 24' 19.950 W	
11,900.0	89.21	179.46	10,172.3	-1,626.0	-1,786.4	524,299.75	827,571.80	32° 26' 16.613 N	103° 24' 19.949 W	
12,000.0	89.21	179.46	10,173.7	-1,726.0	-1,785.5	524,199.76	827,572.74	32° 26' 15.624 N	103° 24' 19.949 W	
12,100.0	89.21	179.46	10,175.1	-1,826.0	-1,784.5	524,099.78	827,573.68	32° 26' 14.635 N	103° 24' 19.948 W	
12,200.0	89.21	179.46	10,176.5	-1,926.0	-1,783.6	523,999.79	827,574.62	32° 26' 13.645 N	103° 24' 19.947 W	
12,300.0	89.21	179.46	10,177.9	-2,025.9	-1,782.6	523,899.81	827,575.56	32° 26' 12.656 N	103° 24' 19.946 W	
12,400.0	89.21	179.46	10,179.3	-2,125.9	-1,781.7	523,799.82	827,576.50	32° 26' 11.666 N	103° 24' 19.945 W	
12,500.0	89.21	179.46	10,180.7	-2,225.9	-1,780.8	523,699.83	827,577.44	32° 26' 10.677 N	103° 24' 19.944 W	
12,600.0	89.21	179.46	10,182.0	-2,325.9	-1,779.8	523,599.85	827,578.38	32° 26' 9.688 N	103° 24' 19.944 W	
12,700.0	89.21	179.46	10,183.4	-2,425.9	-1,778.9	523,499.86	827,579.32	32° 26' 8.698 N	103° 24' 19.943 W	
12,800.0	89.21	179.46	10,184.8	-2,525.9	-1,777.9	523,399.88	827,580.26	32° 26' 7.709 N	103° 24' 19.942 W	
12,900.0	89.21	179.46	10,186.2	-2,625.9	-1,777.0	523,299.89	827,581.21	32° 26' 6.720 N	103° 24' 19.941 W	
13,000.0	89.21	179.46	10,187.6	-2,725.8	-1,776.1	523,199.91	827,582.15	32° 26' 5.730 N	103° 24' 19.940 W	
13,100.0	89.21	179.46	10,189.0	-2,825.8	-1,775.1	523,099.92	827,583.09	32° 26' 4.741 N	103° 24' 19.939 W	
13,200.0	89.21	179.46	10,190.4	-2,925.8	-1,774.2	522,999.93	827,584.03	32° 26' 3.751 N	103° 24' 19.938 W	
13,300.0	89.21	179.46	10,191.7	-3,025.8	-1,773.2	522,899.95	827,584.97	32° 26' 2.762 N	103° 24' 19.938 W	
13,400.0	89.21	179.46	10,193.1	-3,125.8	-1,772.3	522,799.96	827,585.91	32° 26' 1.773 N	103° 24' 19.937 W	
13,500.0	89.21	179.46	10,194.5	-3,225.8	-1,771.4	522,699.98	827,586.85	32° 26' 0.783 N	103° 24' 19.936 W	
13,600.0	89.21	179.46	10,195.9	-3,325.8	-1,770.4	522,599.99	827,587.79	32° 25' 59.794 N	103° 24' 19.935 W	
13,700.0	89.21	179.46	10,197.3	-3,425.7	-1,769.5	522,500.01	827,588.73	32° 25' 58.804 N	103° 24' 19.934 W	
13,800.0	89.21	179.46	10,198.7	-3,525.7	-1,768.5	522,400.02	827,589.67	32° 25' 57.815 N	103° 24' 19.933 W	
13,900.0	89.21	179.46	10,200.1	-3,625.7	-1,767.6	522,300.03	827,590.62	32° 25' 56.826 N	103° 24' 19.933 W	
14,000.0	89.21	179.46	10,201.4	-3,725.7	-1,766.7	522,200.05	827,591.56	32° 25' 55.836 N	103° 24' 19.932 W	
14,100.0	89.21	179.46	10,202.8	-3,825.7	-1,765.7	522,100.06	827,592.50	32° 25' 54.847 N	103° 24' 19.931 W	
14,200.0	89.21	179.46	10,204.2	-3,925.7	-1,764.8	522,000.08	827,593.44	32° 25' 53.858 N	103° 24' 19.930 W	
14,300.0	89.21	179.46	10,205.6	-4,025.7	-1,763.8	521,900.09	827,594.38	32° 25' 52.868 N	103° 24' 19.929 W	
14,400.0	89.21	179.46	10,207.0	-4,125.6	-1,762.9	521,800.10	827,595.32	32° 25' 51.879 N	103° 24' 19.928 W	
14,500.0	89.21	179.46	10,208.4	-4,225.6	-1,761.9	521,700.12	827,596.26	32° 25' 50.889 N	103° 24' 19.927 W	
14,600.0	89.21	179.46	10,209.8	-4,325.6	-1,761.0	521,600.13	827,597.20	32° 25' 49.900 N	103° 24' 19.927 W	
14,700.0	89.21	179.46	10,211.2	-4,425.6	-1,760.1	521,500.15	827,598.14	32° 25' 48.911 N	103° 24' 19.926 W	
14,800.0	89.21	179.46	10,212.5	-4,525.6	-1,759.1	521,400.16	827,599.08	32° 25' 47.921 N	103° 24' 19.925 W	
14,900.0	89.21	179.46	10,213.9	-4,625.6	-1,758.2	521,300.18	827,600.03	32° 25' 46.932 N	103° 24' 19.924 W	
15,000.0	89.21	179.46	10,215.3	-4,725.6	-1,757.2	521,200.19	827,600.97	32° 25' 45.942 N	103° 24' 19.923 W	
15,100.0	89.21	179.46	10,216.7	-4,825.5	-1,756.3	521,100.20	827,601.91	32° 25' 44.953 N	103° 24' 19.922 W	
15,200.0	89.21	179.46	10,218.1	-4,925.5	-1,755.4	521,000.22	827,602.85	32° 25' 43.964 N	103° 24' 19.922 W	
15,300.0	89.21	179.46	10,219.5	-5,025.5	-1,754.4	520,900.23	827,603.79	32° 25' 42.974 N	103° 24' 19.921 W	
15,338.2	89.21	179.46	10,220.0	-5,063.7	-1,754.1	520,862.04	827,604.15	32° 25' 42.596 N	103° 24' 19.920 W	

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 504H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.9usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.9usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 504H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
ERIC CARTMAN 31 ST	0.00	0.00	10,150.0	20.9	-1,801.8	525,946.63	827,556.42	32° 26' 32.910 N	103° 24' 19.962 W
- plan misses target center by 144.3usft at 10309.6usft MD (10034.4 TVD, -65.5 N, -1801.1 E)									
- Point									
ERIC CARTMAN 31 ST	0.00	0.00	10,220.0	-5,063.7	-1,754.1	520,862.04	827,604.15	32° 25' 42.596 N	103° 24' 19.920 W
- plan hits target center									
- Point									

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

CONDITIONS

Action 176894

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 176894
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/18/2023