

Submit 1 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. 30-025-50160
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. State
7. Lease Name or Unit Agreement Name Eric Cartman 31 State Com
8. Well Number 505H
9. OGRID Number 372165
10. Pool name or Wildcat Ojo Chiso; Bone Spring
4. Well Location Unit Letter A : 135 feet from the N line and 415 feet from the E line Section 31 Township 21S Range 35E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3613 GL

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

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: Wellbore shift ☒		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 BHL10' to the West. New BHL will be 100' FSL & 1330' FEL. Please see attached updated plat and directional plans.

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 **1/25/23**

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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
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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 30-025-50160		² Pool Code 96553		³ Pool Name Ojo Chiso; Bone Spring	
⁴ Property Code 332793		⁵ Property Name ERIC CARTMAN 31 STATE COM			⁶ Well Number 505H
⁷ OGRID No. 372165		⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC			⁹ Elevation 3612.8'

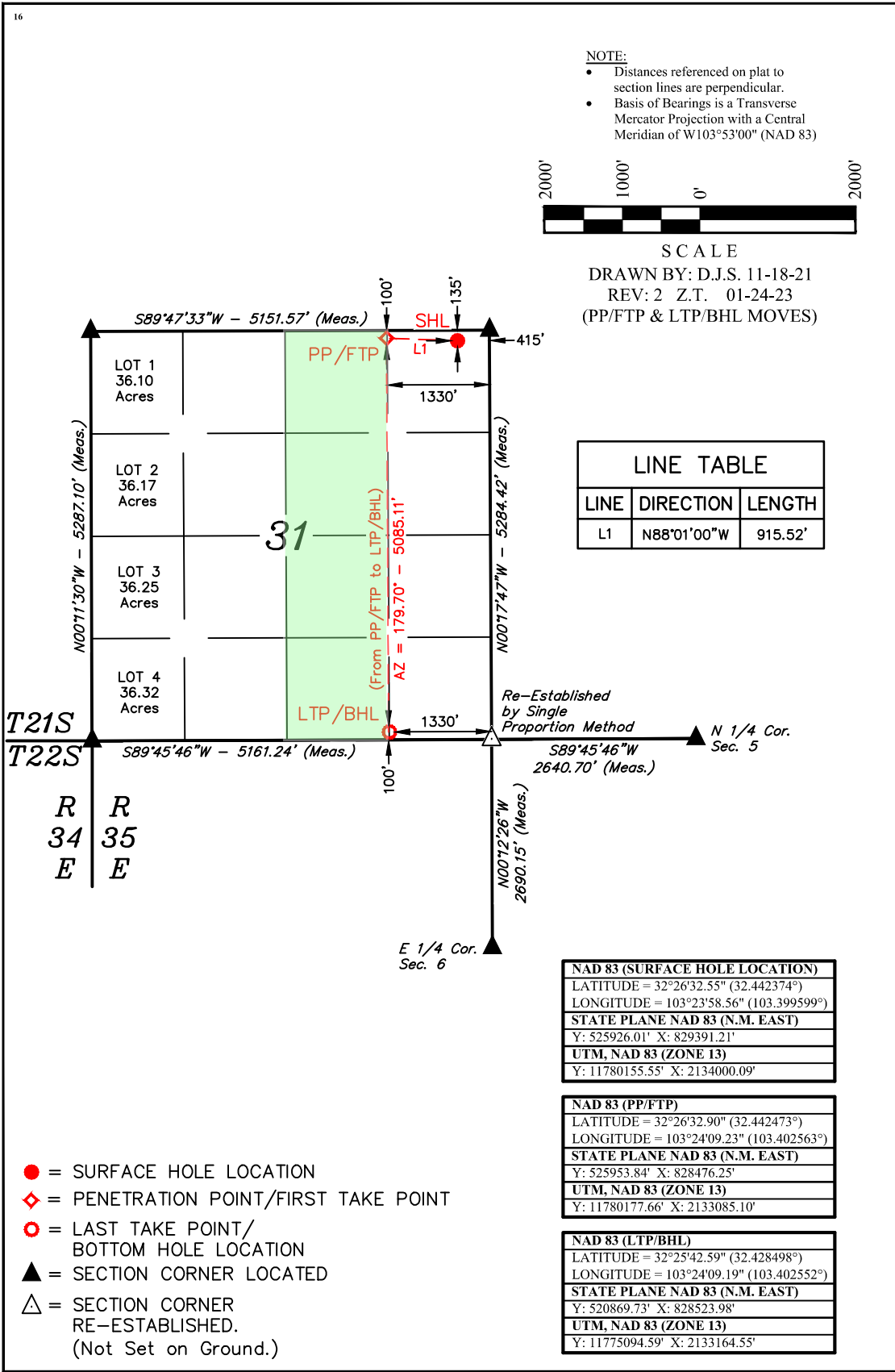
¹⁰ Surface Location

UL or lot no. A	Section 31	Township 21S	Range 35E	Lot Idn	Feet from the 135	North/South line NORTH	Feet from the 415	East/West line EAST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. O	Section 31	Township 21S	Range 35E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1330	East/West line EAST	County LEA
¹² Dedicated Acres 160		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.



¹⁷ OPERATOR
CERTIFICATION

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] 1/25/23

Signature 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:

[Signature]

23782
01-24-23

Certificate Number:

NEW MEXICO

(SP) LEA

ERIC CARTMAN

ERIC CARTMAN 31 ST COM 505H

OWB

Plan: PWP0

Standard Planning Report - Geographic

25 January, 2023

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 505H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.8usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.8usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 505H	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 505H					
Well Position	+N/-S	0.0 usft	Northing:	525,926.01 usft	Latitude:	32° 26' 32.547 N
	+E/-W	0.0 usft	Easting:	829,391.21 usft	Longitude:	103° 23' 58.555 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,612.8 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.69	60.47	48,942.34343698

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	189.73

Plan Survey Tool Program	Date	1/25/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,110.4 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	
3,000.0	10.00	271.70	2,994.9	2.6	-87.0	1.00	1.00	0.00	271.70	
7,270.0	10.00	271.70	7,200.1	24.6	-828.2	0.00	0.00	0.00	0.00	
8,270.0	0.00	0.00	8,195.0	27.2	-915.2	1.00	-1.00	0.00	180.00	
9,754.0	0.00	0.00	9,679.0	27.2	-915.2	0.00	0.00	0.00	0.00	
10,496.7	89.20	179.46	10,156.0	-443.2	-910.7	12.01	12.01	0.00	179.46	
10,497.0	89.21	179.46	10,156.0	-443.5	-910.7	2.00	2.00	-0.11	-3.20	
15,110.4	89.21	179.46	10,220.0	-5,056.3	-867.2	0.00	0.00	0.00	0.00	ERIC CARTMAN 31 ST COM 505H

Permian Resources

Planning Report - Geographic

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Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.8usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.8usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 505H	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	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
100.0	0.00	0.00	100.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
200.0	0.00	0.00	200.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
300.0	0.00	0.00	300.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
400.0	0.00	0.00	400.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
500.0	0.00	0.00	500.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
600.0	0.00	0.00	600.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
700.0	0.00	0.00	700.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
800.0	0.00	0.00	800.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
900.0	0.00	0.00	900.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	525,926.01	829,391.21	32° 26' 32.547 N	103° 23' 58.555 W
2,100.0	1.00	271.70	2,100.0	0.0	-0.9	525,926.04	829,390.34	32° 26' 32.548 N	103° 23' 58.566 W
2,200.0	2.00	271.70	2,200.0	0.1	-3.5	525,926.12	829,387.72	32° 26' 32.549 N	103° 23' 58.596 W
2,300.0	3.00	271.70	2,299.9	0.2	-7.8	525,926.24	829,383.36	32° 26' 32.550 N	103° 23' 58.647 W
2,400.0	4.00	271.70	2,399.7	0.4	-14.0	525,926.43	829,377.26	32° 26' 32.553 N	103° 23' 58.718 W
2,500.0	5.00	271.70	2,499.4	0.6	-21.8	525,926.66	829,369.42	32° 26' 32.556 N	103° 23' 58.810 W
2,600.0	6.00	271.70	2,598.9	0.9	-31.4	525,926.94	829,359.84	32° 26' 32.559 N	103° 23' 58.921 W
2,700.0	7.00	271.70	2,698.3	1.3	-42.7	525,927.28	829,348.52	32° 26' 32.564 N	103° 23' 59.053 W
2,800.0	8.00	271.70	2,797.4	1.7	-55.7	525,927.67	829,335.47	32° 26' 32.569 N	103° 23' 59.206 W
2,900.0	9.00	271.70	2,896.3	2.1	-70.5	525,928.10	829,320.70	32° 26' 32.574 N	103° 23' 59.378 W
3,000.0	10.00	271.70	2,994.9	2.6	-87.0	525,928.59	829,304.20	32° 26' 32.580 N	103° 23' 59.570 W
3,100.0	10.00	271.70	3,093.4	3.1	-104.4	525,929.11	829,286.85	32° 26' 32.587 N	103° 23' 59.773 W
3,200.0	10.00	271.70	3,191.9	3.6	-121.7	525,929.62	829,269.49	32° 26' 32.594 N	103° 23' 59.975 W
3,300.0	10.00	271.70	3,290.4	4.1	-139.1	525,930.14	829,252.13	32° 26' 32.600 N	103° 24' 0.178 W
3,400.0	10.00	271.70	3,388.8	4.6	-156.4	525,930.65	829,234.77	32° 26' 32.607 N	103° 24' 0.380 W
3,500.0	10.00	271.70	3,487.3	5.2	-173.8	525,931.17	829,217.42	32° 26' 32.613 N	103° 24' 0.583 W
3,600.0	10.00	271.70	3,585.8	5.7	-191.1	525,931.68	829,200.06	32° 26' 32.620 N	103° 24' 0.785 W
3,700.0	10.00	271.70	3,684.3	6.2	-208.5	525,932.20	829,182.70	32° 26' 32.627 N	103° 24' 0.988 W
3,800.0	10.00	271.70	3,782.8	6.7	-225.9	525,932.72	829,165.35	32° 26' 32.633 N	103° 24' 1.190 W
3,900.0	10.00	271.70	3,881.3	7.2	-243.2	525,933.23	829,147.99	32° 26' 32.640 N	103° 24' 1.393 W
4,000.0	10.00	271.70	3,979.7	7.7	-260.6	525,933.75	829,130.63	32° 26' 32.646 N	103° 24' 1.595 W
4,100.0	10.00	271.70	4,078.2	8.2	-277.9	525,934.26	829,113.27	32° 26' 32.653 N	103° 24' 1.798 W
4,200.0	10.00	271.70	4,176.7	8.8	-295.3	525,934.78	829,095.92	32° 26' 32.660 N	103° 24' 2.000 W
4,300.0	10.00	271.70	4,275.2	9.3	-312.6	525,935.29	829,078.56	32° 26' 32.666 N	103° 24' 2.202 W
4,400.0	10.00	271.70	4,373.7	9.8	-330.0	525,935.81	829,061.20	32° 26' 32.673 N	103° 24' 2.405 W
4,500.0	10.00	271.70	4,472.1	10.3	-347.4	525,936.32	829,043.85	32° 26' 32.679 N	103° 24' 2.607 W
4,600.0	10.00	271.70	4,570.6	10.8	-364.7	525,936.84	829,026.49	32° 26' 32.686 N	103° 24' 2.810 W
4,700.0	10.00	271.70	4,669.1	11.3	-382.1	525,937.35	829,009.13	32° 26' 32.693 N	103° 24' 3.012 W
4,800.0	10.00	271.70	4,767.6	11.9	-399.4	525,937.87	828,991.77	32° 26' 32.699 N	103° 24' 3.215 W
4,900.0	10.00	271.70	4,866.1	12.4	-416.8	525,938.38	828,974.42	32° 26' 32.706 N	103° 24' 3.417 W
5,000.0	10.00	271.70	4,964.5	12.9	-434.1	525,938.90	828,957.06	32° 26' 32.712 N	103° 24' 3.620 W
5,100.0	10.00	271.70	5,063.0	13.4	-451.5	525,939.41	828,939.70	32° 26' 32.719 N	103° 24' 3.822 W
5,200.0	10.00	271.70	5,161.5	13.9	-468.9	525,939.93	828,922.35	32° 26' 32.726 N	103° 24' 4.025 W
5,300.0	10.00	271.70	5,260.0	14.4	-486.2	525,940.44	828,904.99	32° 26' 32.732 N	103° 24' 4.227 W
5,400.0	10.00	271.70	5,358.5	14.9	-503.6	525,940.96	828,887.63	32° 26' 32.739 N	103° 24' 4.430 W

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 505H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.8usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.8usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 505H	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
5,500.0	10.00	271.70	5,456.9	15.5	-520.9	525,941.47	828,870.27	32° 26' 32.745 N		103° 24' 4.632 W
5,600.0	10.00	271.70	5,555.4	16.0	-538.3	525,941.99	828,852.92	32° 26' 32.752 N		103° 24' 4.835 W
5,700.0	10.00	271.70	5,653.9	16.5	-555.6	525,942.50	828,835.56	32° 26' 32.759 N		103° 24' 5.037 W
5,800.0	10.00	271.70	5,752.4	17.0	-573.0	525,943.02	828,818.20	32° 26' 32.765 N		103° 24' 5.240 W
5,900.0	10.00	271.70	5,850.9	17.5	-590.4	525,943.53	828,800.85	32° 26' 32.772 N		103° 24' 5.442 W
6,000.0	10.00	271.70	5,949.3	18.0	-607.7	525,944.05	828,783.49	32° 26' 32.778 N		103° 24' 5.645 W
6,100.0	10.00	271.70	6,047.8	18.6	-625.1	525,944.56	828,766.13	32° 26' 32.785 N		103° 24' 5.847 W
6,200.0	10.00	271.70	6,146.3	19.1	-642.4	525,945.08	828,748.77	32° 26' 32.792 N		103° 24' 6.049 W
6,300.0	10.00	271.70	6,244.8	19.6	-659.8	525,945.59	828,731.42	32° 26' 32.798 N		103° 24' 6.252 W
6,400.0	10.00	271.70	6,343.3	20.1	-677.1	525,946.11	828,714.06	32° 26' 32.805 N		103° 24' 6.454 W
6,500.0	10.00	271.70	6,441.7	20.6	-694.5	525,946.62	828,696.70	32° 26' 32.811 N		103° 24' 6.657 W
6,600.0	10.00	271.70	6,540.2	21.1	-711.9	525,947.14	828,679.35	32° 26' 32.818 N		103° 24' 6.859 W
6,700.0	10.00	271.70	6,638.7	21.6	-729.2	525,947.65	828,661.99	32° 26' 32.825 N		103° 24' 7.062 W
6,800.0	10.00	271.70	6,737.2	22.2	-746.6	525,948.17	828,644.63	32° 26' 32.831 N		103° 24' 7.264 W
6,900.0	10.00	271.70	6,835.7	22.7	-763.9	525,948.68	828,627.27	32° 26' 32.838 N		103° 24' 7.467 W
7,000.0	10.00	271.70	6,934.1	23.2	-781.3	525,949.20	828,609.92	32° 26' 32.844 N		103° 24' 7.669 W
7,100.0	10.00	271.70	7,032.6	23.7	-798.6	525,949.72	828,592.56	32° 26' 32.851 N		103° 24' 7.872 W
7,200.0	10.00	271.70	7,131.1	24.2	-816.0	525,950.23	828,575.20	32° 26' 32.858 N		103° 24' 8.074 W
7,270.0	10.00	271.70	7,200.1	24.6	-828.2	525,950.59	828,563.05	32° 26' 32.862 N		103° 24' 8.216 W
7,300.0	9.70	271.70	7,229.6	24.7	-833.3	525,950.74	828,557.92	32° 26' 32.864 N		103° 24' 8.276 W
7,400.0	8.70	271.70	7,328.3	25.2	-849.3	525,951.22	828,541.94	32° 26' 32.870 N		103° 24' 8.462 W
7,500.0	7.70	271.70	7,427.3	25.6	-863.5	525,951.64	828,527.69	32° 26' 32.876 N		103° 24' 8.629 W
7,600.0	6.70	271.70	7,526.5	26.0	-876.1	525,952.01	828,515.16	32° 26' 32.880 N		103° 24' 8.775 W
7,700.0	5.70	271.70	7,625.9	26.3	-886.8	525,952.33	828,504.36	32° 26' 32.884 N		103° 24' 8.901 W
7,800.0	4.70	271.70	7,725.5	26.6	-895.9	525,952.60	828,495.30	32° 26' 32.888 N		103° 24' 9.006 W
7,900.0	3.70	271.70	7,825.2	26.8	-903.2	525,952.82	828,487.98	32° 26' 32.891 N		103° 24' 9.092 W
8,000.0	2.70	271.70	7,925.1	27.0	-908.8	525,952.98	828,482.40	32° 26' 32.893 N		103° 24' 9.157 W
8,100.0	1.70	271.70	8,025.0	27.1	-912.6	525,953.10	828,478.56	32° 26' 32.894 N		103° 24' 9.202 W
8,200.0	0.70	271.70	8,125.0	27.1	-914.7	525,953.16	828,476.47	32° 26' 32.895 N		103° 24' 9.226 W
8,270.0	0.00	0.00	8,195.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,300.0	0.00	0.00	8,225.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,400.0	0.00	0.00	8,325.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,500.0	0.00	0.00	8,425.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,600.0	0.00	0.00	8,525.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,700.0	0.00	0.00	8,625.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,800.0	0.00	0.00	8,725.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
8,900.0	0.00	0.00	8,825.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,000.0	0.00	0.00	8,925.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,100.0	0.00	0.00	9,025.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,200.0	0.00	0.00	9,125.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,300.0	0.00	0.00	9,225.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,400.0	0.00	0.00	9,325.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,500.0	0.00	0.00	9,425.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,600.0	0.00	0.00	9,525.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,700.0	0.00	0.00	9,625.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,754.0	0.00	0.00	9,679.0	27.2	-915.2	525,953.17	828,476.04	32° 26' 32.895 N		103° 24' 9.231 W
9,800.0	5.52	179.46	9,724.9	24.9	-915.1	525,950.96	828,476.06	32° 26' 32.873 N		103° 24' 9.231 W
9,900.0	17.53	179.46	9,822.7	5.0	-915.0	525,931.01	828,476.25	32° 26' 32.676 N		103° 24' 9.231 W
10,000.0	29.54	179.46	9,914.2	-34.9	-914.6	525,891.15	828,476.63	32° 26' 32.281 N		103° 24' 9.230 W
10,100.0	41.55	179.46	9,995.4	-92.9	-914.0	525,833.12	828,477.17	32° 26' 31.707 N		103° 24' 9.230 W
10,200.0	53.56	179.46	10,062.8	-166.5	-913.3	525,759.46	828,477.87	32° 26' 30.978 N		103° 24' 9.229 W
10,300.0	65.57	179.46	10,113.3	-252.6	-912.5	525,673.40	828,478.68	32° 26' 30.127 N		103° 24' 9.229 W
10,400.0	77.58	179.46	10,144.9	-347.3	-911.6	525,578.71	828,479.57	32° 26' 29.190 N		103° 24' 9.228 W
10,496.7	89.20	179.46	10,156.0	-443.2	-910.7	525,482.80	828,480.48	32° 26' 28.241 N		103° 24' 9.227 W
10,497.0	89.21	179.46	10,156.0	-443.5	-910.7	525,482.54	828,480.48	32° 26' 28.238 N		103° 24' 9.227 W

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 505H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.8usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.8usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 505H	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	
10,500.0	89.21	179.46	10,156.0	-446.5	-910.7	525,479.52	828,480.51	32° 26' 28.208 N	103° 24' 9.227 W	
10,600.0	89.21	179.46	10,157.4	-546.5	-909.8	525,379.53	828,481.45	32° 26' 27.219 N	103° 24' 9.226 W	
10,700.0	89.21	179.46	10,158.8	-646.5	-908.8	525,279.55	828,482.39	32° 26' 26.230 N	103° 24' 9.225 W	
10,800.0	89.21	179.46	10,160.2	-746.5	-907.9	525,179.56	828,483.34	32° 26' 25.240 N	103° 24' 9.224 W	
10,900.0	89.21	179.46	10,161.6	-846.4	-906.9	525,079.57	828,484.28	32° 26' 24.251 N	103° 24' 9.224 W	
11,000.0	89.21	179.46	10,163.0	-946.4	-906.0	524,979.59	828,485.22	32° 26' 23.261 N	103° 24' 9.223 W	
11,100.0	89.21	179.46	10,164.4	-1,046.4	-905.0	524,879.60	828,486.16	32° 26' 22.272 N	103° 24' 9.222 W	
11,200.0	89.21	179.46	10,165.8	-1,146.4	-904.1	524,779.62	828,487.11	32° 26' 21.283 N	103° 24' 9.221 W	
11,300.0	89.21	179.46	10,167.1	-1,246.4	-903.2	524,679.63	828,488.05	32° 26' 20.293 N	103° 24' 9.220 W	
11,400.0	89.21	179.46	10,168.5	-1,346.4	-902.2	524,579.65	828,488.99	32° 26' 19.304 N	103° 24' 9.219 W	
11,500.0	89.21	179.46	10,169.9	-1,446.4	-901.3	524,479.66	828,489.94	32° 26' 18.314 N	103° 24' 9.219 W	
11,600.0	89.21	179.46	10,171.3	-1,546.3	-900.3	524,379.67	828,490.88	32° 26' 17.325 N	103° 24' 9.218 W	
11,700.0	89.21	179.46	10,172.7	-1,646.3	-899.4	524,279.69	828,491.82	32° 26' 16.336 N	103° 24' 9.217 W	
11,800.0	89.21	179.46	10,174.1	-1,746.3	-898.4	524,179.70	828,492.77	32° 26' 15.346 N	103° 24' 9.216 W	
11,900.0	89.21	179.46	10,175.5	-1,846.3	-897.5	524,079.72	828,493.71	32° 26' 14.357 N	103° 24' 9.215 W	
12,000.0	89.21	179.46	10,176.9	-1,946.3	-896.6	523,979.73	828,494.65	32° 26' 13.368 N	103° 24' 9.214 W	
12,100.0	89.21	179.46	10,178.2	-2,046.3	-895.6	523,879.75	828,495.59	32° 26' 12.378 N	103° 24' 9.214 W	
12,200.0	89.21	179.46	10,179.6	-2,146.3	-894.7	523,779.76	828,496.54	32° 26' 11.389 N	103° 24' 9.213 W	
12,300.0	89.21	179.46	10,181.0	-2,246.2	-893.7	523,679.77	828,497.48	32° 26' 10.399 N	103° 24' 9.212 W	
12,400.0	89.21	179.46	10,182.4	-2,346.2	-892.8	523,579.79	828,498.42	32° 26' 9.410 N	103° 24' 9.211 W	
12,500.0	89.21	179.46	10,183.8	-2,446.2	-891.8	523,479.80	828,499.37	32° 26' 8.421 N	103° 24' 9.210 W	
12,600.0	89.21	179.46	10,185.2	-2,546.2	-890.9	523,379.82	828,500.31	32° 26' 7.431 N	103° 24' 9.209 W	
12,700.0	89.21	179.46	10,186.6	-2,646.2	-890.0	523,279.83	828,501.25	32° 26' 6.442 N	103° 24' 9.209 W	
12,800.0	89.21	179.46	10,188.0	-2,746.2	-889.0	523,179.85	828,502.19	32° 26' 5.452 N	103° 24' 9.208 W	
12,900.0	89.21	179.46	10,189.3	-2,846.2	-888.1	523,079.86	828,503.14	32° 26' 4.463 N	103° 24' 9.207 W	
13,000.0	89.21	179.46	10,190.7	-2,946.1	-887.1	522,979.87	828,504.08	32° 26' 3.474 N	103° 24' 9.206 W	
13,100.0	89.21	179.46	10,192.1	-3,046.1	-886.2	522,879.89	828,505.02	32° 26' 2.484 N	103° 24' 9.205 W	
13,200.0	89.21	179.46	10,193.5	-3,146.1	-885.2	522,779.90	828,505.97	32° 26' 1.495 N	103° 24' 9.204 W	
13,300.0	89.21	179.46	10,194.9	-3,246.1	-884.3	522,679.92	828,506.91	32° 26' 0.506 N	103° 24' 9.204 W	
13,400.0	89.21	179.46	10,196.3	-3,346.1	-883.4	522,579.93	828,507.85	32° 25' 59.516 N	103° 24' 9.203 W	
13,500.0	89.21	179.46	10,197.7	-3,446.1	-882.4	522,479.95	828,508.79	32° 25' 58.527 N	103° 24' 9.202 W	
13,600.0	89.21	179.46	10,199.0	-3,546.1	-881.5	522,379.96	828,509.74	32° 25' 57.537 N	103° 24' 9.201 W	
13,700.0	89.21	179.46	10,200.4	-3,646.0	-880.5	522,279.97	828,510.68	32° 25' 56.548 N	103° 24' 9.200 W	
13,800.0	89.21	179.46	10,201.8	-3,746.0	-879.6	522,179.99	828,511.62	32° 25' 55.559 N	103° 24' 9.199 W	
13,900.0	89.21	179.46	10,203.2	-3,846.0	-878.6	522,080.00	828,512.57	32° 25' 54.569 N	103° 24' 9.199 W	
14,000.0	89.21	179.46	10,204.6	-3,946.0	-877.7	521,980.02	828,513.51	32° 25' 53.580 N	103° 24' 9.198 W	
14,100.0	89.21	179.46	10,206.0	-4,046.0	-876.8	521,880.03	828,514.45	32° 25' 52.591 N	103° 24' 9.197 W	
14,200.0	89.21	179.46	10,207.4	-4,146.0	-875.8	521,780.04	828,515.39	32° 25' 51.601 N	103° 24' 9.196 W	
14,300.0	89.21	179.46	10,208.8	-4,246.0	-874.9	521,680.06	828,516.34	32° 25' 50.612 N	103° 24' 9.195 W	
14,400.0	89.21	179.46	10,210.1	-4,345.9	-873.9	521,580.07	828,517.28	32° 25' 49.622 N	103° 24' 9.194 W	
14,500.0	89.21	179.46	10,211.5	-4,445.9	-873.0	521,480.09	828,518.22	32° 25' 48.633 N	103° 24' 9.194 W	
14,600.0	89.21	179.46	10,212.9	-4,545.9	-872.0	521,380.10	828,519.17	32° 25' 47.644 N	103° 24' 9.193 W	
14,700.0	89.21	179.46	10,214.3	-4,645.9	-871.1	521,280.12	828,520.11	32° 25' 46.654 N	103° 24' 9.192 W	
14,800.0	89.21	179.46	10,215.7	-4,745.9	-870.2	521,180.13	828,521.05	32° 25' 45.665 N	103° 24' 9.191 W	
14,900.0	89.21	179.46	10,217.1	-4,845.9	-869.2	521,080.14	828,521.99	32° 25' 44.675 N	103° 24' 9.190 W	
15,000.0	89.21	179.46	10,218.5	-4,945.9	-868.3	520,980.16	828,522.94	32° 25' 43.686 N	103° 24' 9.189 W	
15,100.0	89.21	179.46	10,219.9	-5,045.8	-867.3	520,880.17	828,523.88	32° 25' 42.697 N	103° 24' 9.189 W	
15,110.4	89.21	179.46	10,220.0	-5,056.3	-867.2	520,869.73	828,523.98	32° 25' 42.593 N	103° 24' 9.188 W	

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well ERIC CARTMAN 31 ST COM 505H
Company:	NEW MEXICO	TVD Reference:	RKB @ 3638.8usft
Project:	(SP) LEA	MD Reference:	RKB @ 3638.8usft
Site:	ERIC CARTMAN	North Reference:	Grid
Well:	ERIC CARTMAN 31 ST COM 505H	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	10,149.5	27.8	-915.0	525,953.84	828,476.25	32° 26' 32.902 N	103° 24' 9.228 W
- plan misses target center by 193.8usft at 10114.9usft MD (10006.4 TVD, -103.0 N, -913.9 E)									
- Point									
ERIC CARTMAN 31 ST	0.00	0.00	10,220.0	-5,056.3	-867.2	520,869.73	828,523.98	32° 25' 42.593 N	103° 24' 9.188 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
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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

CONDITIONS

Action 182966

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 182966
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	2/8/2023