

Well Name: MAD MAX 6 FED COM	Well Location: T20S / R27E / SEC 1 / SENE /	County or Parish/State:
Well Number: 132H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM096212	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001550034	Well Status: Approved Application for Permit to Drill	Operator: COLGATE OPERATING LLC

Notice of Intent

Sundry ID: 2719640

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 03/08/2023	Time Sundry Submitted: 10:23
Date proposed operation will begin: 03/26/2023	

Procedure Description: Colgate Operating, LLC requests to move the SHL 27' to the East. Current SHL is 2234' FNL & 256' FEL and the new SHL will be 2234' FNL & 229' FEL. Please see attached updated plat and directional survey to reflect this change.

NOI Attachments

Procedure Description

Mad_Max_6_FED_COM_132H_Sundry_Attachments_20230308102323.pdf

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Well Number: 132H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM096212	Unit or CA Name:	Unit or CA Number:
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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MEGHAN TWELE

Signed on: MAR 22, 2023 09:43 AM

Name: COLGATE OPERATING LLC

Title: Sr Regulatory Analyst

Street Address: 1001 17TH STREET SUITE 1800

City: DENVERState: CO

Phone: (720) 499-1531

Email address: MEGHAN.TWELE@CDEVINC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 03/22/2023

Signature: Chris Walls

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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-50034	2 Pool Code 48035	3 Pool Name Old Millman Ranch; BS
4 Property Code 333344	5 Property Name MAD MAX 6 FED COM	6 Well Number 132H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3411'

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
H	1	20-S	27-E		2234'	NORTH	229'	EAST	EDDY

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
H	5	20-S	28-E		2310'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 321.03	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.

16 SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=574238.09 LAT.= 32.60361113° N Y=583341.01 LONG.= 104.22649248° W NEW MEXICO EAST - NAD 27 X=533058.04 LAT.= 32.60349444° N Y=583279.53 LONG.= 104.22598366° W 2234' FNL, 256' FEL - SECTION 1 FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=574566.58 LAT.= 32.60342627° N Y=583274.09 LONG.= 104.22542596° W NEW MEXICO EAST - NAD 27 X=533386.53 LAT.= 32.60330956° N Y=583212.60 LONG.= 104.22491717° W 2308' FNL, 100' FWL - SECTION 6 LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585095.25 LAT.= 32.60355041° N Y=583331.63 LONG.= 104.19123523° W NEW MEXICO EAST - NAD 27 X=543915.17 LAT.= 32.60343334° N Y=583270.06 LONG.= 104.19072730° W 2310' FNL, 100' FEL - SECTION 5 BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585185.25 LAT.= 32.60355110° N Y=583332.00 LONG.= 104.19094296° W NEW MEXICO EAST - NAD 27 X=544005.17 LAT.= 32.60343402° N Y=583270.43 LONG.= 104.19043504° W 2310' FNL, 10' FEL - SECTION 5 CORNER DATA NEW MEXICO EAST - NAD 83 A. FOUND IRON PIPE W/ BRASS CAP N:585581.74' E:574473.78' B. FOUND IRON PIPE W/ BRASS CAP N:585597.11' E:577229.43' C. FOUND IRON PIPE W/ BRASS CAP N:585612.31' E:579886.02' D. FOUND IRON PIPE W/ BRASS CAP N:585627.24' E:582544.32' E. FOUND IRON PIPE W/ BRASS CAP N:585641.97' E:585202.31' F. FOUND IRON PIPE W/ BRASS CAP N:583002.03' E:585194.24' G. FOUND IRON PIPE W/ BRASS CAP N:580356.62' E:585185.65' H. FOUND IRON PIPE W/ BRASS CAP N:580345.56' E:582529.47' I. FOUND IRON PIPE W/ BRASS CAP N:580334.86' E:579872.32' J. FOUND IRON PIPE W/ BRASS CAP N:580320.78' E:577210.36' K. FOUND IRON PIPE W/ BRASS CAP N:580307.10' E:574456.69' L. FOUND IRON PIPE W/ BRASS CAP N:582943.40' E:574465.55' M. FOUND IRON PIPE W/ BRASS CAP N:582980.13' E:579878.84'	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: <i>[Signature]</i> Date: 3/8/23 Printed Name: Meghan Twele E-mail Address: meghan.twele@permianres.com 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. Date of Survey: 02/24/2023 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: 25490
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NEW MEXICO

(SP) EDDY

MAD MAX

MAD MAX 6 FED COM 132H

OWB

Plan: PWP0

Standard Planning Report - Geographic

03 March, 2023

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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

Site	MAD MAX					
Site Position:		Northing:	583,340.65 usft	Latitude:	32° 36' 12.996 N	
From:	Map	Easting:	574,271.09 usft	Longitude:	104° 13' 34.987 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.06 °

Well	MAD MAX 6 FED COM 132H					
Well Position	+N/-S	0.0 usft	Northing:	583,341.01 usft	Latitude:	32° 36' 13.000 N
	+E/-W	0.0 usft	Easting:	574,238.09 usft	Longitude:	104° 13' 35.373 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,411.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.08	60.48	48,947.85300598

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	90.05

Plan Survey Tool Program	Date	3/3/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,050.2 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	
7,827.5	0.00	0.00	7,827.5	0.0	0.0	0.00	0.00	0.00	0.00	
8,577.6	90.00	95.90	8,305.0	-49.1	475.0	12.00	12.00	0.00	95.90	
8,888.1	90.00	89.69	8,305.0	-64.2	785.0	2.00	0.00	-2.00	-90.00	
19,050.4	90.00	89.69	8,305.0	-9.0	10,947.2	0.00	0.00	0.00	0.00	MAD MAX 6 FED CO

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	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	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
100.0	0.00	0.00	100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
200.0	0.00	0.00	200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
300.0	0.00	0.00	300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
400.0	0.00	0.00	400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
500.0	0.00	0.00	500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
600.0	0.00	0.00	600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
700.0	0.00	0.00	700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
800.0	0.00	0.00	800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
900.0	0.00	0.00	900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,100.0	0.00	0.00	2,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,200.0	0.00	0.00	2,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,300.0	0.00	0.00	2,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,400.0	0.00	0.00	2,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,600.0	0.00	0.00	2,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,700.0	0.00	0.00	2,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,800.0	0.00	0.00	2,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
2,900.0	0.00	0.00	2,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,000.0	0.00	0.00	3,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,100.0	0.00	0.00	3,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,200.0	0.00	0.00	3,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,300.0	0.00	0.00	3,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,400.0	0.00	0.00	3,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,500.0	0.00	0.00	3,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,600.0	0.00	0.00	3,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,700.0	0.00	0.00	3,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,800.0	0.00	0.00	3,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
3,900.0	0.00	0.00	3,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,000.0	0.00	0.00	4,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,100.0	0.00	0.00	4,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,200.0	0.00	0.00	4,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,300.0	0.00	0.00	4,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,400.0	0.00	0.00	4,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,500.0	0.00	0.00	4,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,600.0	0.00	0.00	4,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,700.0	0.00	0.00	4,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,800.0	0.00	0.00	4,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
4,900.0	0.00	0.00	4,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
5,000.0	0.00	0.00	5,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
5,100.0	0.00	0.00	5,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
5,200.0	0.00	0.00	5,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
5,300.0	0.00	0.00	5,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W
5,400.0	0.00	0.00	5,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured			Vertical			Map	Map			
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
7,827.5	0.00	0.00	7,827.5	0.0	0.0	583,341.01	574,238.09	32° 36' 13.000 N	104° 13' 35.373 W	
KOP										
7,900.0	8.70	95.90	7,899.7	-0.6	5.5	583,340.45	574,243.56	32° 36' 12.994 N	104° 13' 35.309 W	
8,000.0	20.70	95.90	7,996.3	-3.2	30.7	583,337.84	574,268.75	32° 36' 12.968 N	104° 13' 35.015 W	
8,100.0	32.70	95.90	8,085.4	-7.8	75.3	583,333.23	574,313.36	32° 36' 12.922 N	104° 13' 34.493 W	
8,200.0	44.70	95.90	8,163.4	-14.2	137.3	583,326.82	574,375.44	32° 36' 12.858 N	104° 13' 33.767 W	
8,300.0	56.70	95.90	8,226.6	-22.1	214.2	583,318.88	574,452.26	32° 36' 12.779 N	104° 13' 32.869 W	
8,400.0	68.69	95.90	8,272.4	-31.2	302.4	583,309.76	574,540.49	32° 36' 12.688 N	104° 13' 31.838 W	
8,500.0	80.69	95.90	8,298.7	-41.1	398.2	583,299.87	574,636.26	32° 36' 12.589 N	104° 13' 30.719 W	
8,577.6	90.00	95.90	8,305.0	-49.1	475.0	583,291.93	574,713.11	32° 36' 12.510 N	104° 13' 29.820 W	
EOC/FTP										
8,600.0	90.00	95.45	8,305.0	-51.3	497.3	583,289.71	574,735.40	32° 36' 12.487 N	104° 13' 29.560 W	
8,700.0	90.00	93.45	8,305.0	-59.1	597.0	583,281.95	574,835.09	32° 36' 12.410 N	104° 13' 28.394 W	
8,800.0	90.00	91.45	8,305.0	-63.3	696.9	583,277.67	574,934.99	32° 36' 12.366 N	104° 13' 27.226 W	
8,888.1	90.00	89.69	8,305.0	-64.2	785.0	583,276.80	575,023.11	32° 36' 12.357 N	104° 13' 26.196 W	
8,900.0	90.00	89.69	8,305.0	-64.2	796.9	583,276.86	575,034.99	32° 36' 12.357 N	104° 13' 26.058 W	
9,000.0	90.00	89.69	8,305.0	-63.6	896.9	583,277.40	575,134.99	32° 36' 12.362 N	104° 13' 24.888 W	
9,100.0	90.00	89.69	8,305.0	-63.1	996.9	583,277.95	575,234.98	32° 36' 12.366 N	104° 13' 23.719 W	
9,200.0	90.00	89.69	8,305.0	-62.5	1,096.9	583,278.49	575,334.98	32° 36' 12.370 N	104° 13' 22.550 W	
9,300.0	90.00	89.69	8,305.0	-62.0	1,196.9	583,279.03	575,434.98	32° 36' 12.375 N	104° 13' 21.381 W	
9,400.0	90.00	89.69	8,305.0	-61.4	1,296.9	583,279.58	575,534.98	32° 36' 12.379 N	104° 13' 20.212 W	
9,500.0	90.00	89.69	8,305.0	-60.9	1,396.9	583,280.12	575,634.98	32° 36' 12.383 N	104° 13' 19.043 W	
9,600.0	90.00	89.69	8,305.0	-60.3	1,496.9	583,280.66	575,734.98	32° 36' 12.388 N	104° 13' 17.874 W	
9,700.0	90.00	89.69	8,305.0	-59.8	1,596.9	583,281.21	575,834.98	32° 36' 12.392 N	104° 13' 16.705 W	
9,800.0	90.00	89.69	8,305.0	-59.3	1,696.9	583,281.75	575,934.97	32° 36' 12.396 N	104° 13' 15.536 W	
9,900.0	90.00	89.69	8,305.0	-58.7	1,796.9	583,282.29	576,034.97	32° 36' 12.401 N	104° 13' 14.367 W	
10,000.0	90.00	89.69	8,305.0	-58.2	1,896.9	583,282.84	576,134.97	32° 36' 12.405 N	104° 13' 13.198 W	
10,100.0	90.00	89.69	8,305.0	-57.6	1,996.9	583,283.38	576,234.97	32° 36' 12.409 N	104° 13' 12.029 W	
10,200.0	90.00	89.69	8,305.0	-57.1	2,096.9	583,283.92	576,334.97	32° 36' 12.414 N	104° 13' 10.860 W	
10,300.0	90.00	89.69	8,305.0	-56.5	2,196.9	583,284.47	576,434.97	32° 36' 12.418 N	104° 13' 9.691 W	

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	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	
10,400.0	90.00	89.69	8,305.0	-56.0	2,296.9	583,285.01	576,534.96	32° 36' 12.422 N	104° 13' 8.522 W	
10,500.0	90.00	89.69	8,305.0	-55.5	2,396.9	583,285.55	576,634.96	32° 36' 12.427 N	104° 13' 7.353 W	
10,600.0	90.00	89.69	8,305.0	-54.9	2,496.9	583,286.10	576,734.96	32° 36' 12.431 N	104° 13' 6.184 W	
10,700.0	90.00	89.69	8,305.0	-54.4	2,596.9	583,286.64	576,834.96	32° 36' 12.435 N	104° 13' 5.015 W	
10,800.0	90.00	89.69	8,305.0	-53.8	2,696.9	583,287.18	576,934.96	32° 36' 12.439 N	104° 13' 3.846 W	
10,900.0	90.00	89.69	8,305.0	-53.3	2,796.9	583,287.73	577,034.96	32° 36' 12.444 N	104° 13' 2.677 W	
11,000.0	90.00	89.69	8,305.0	-52.7	2,896.9	583,288.27	577,134.96	32° 36' 12.448 N	104° 13' 1.508 W	
11,100.0	90.00	89.69	8,305.0	-52.2	2,996.9	583,288.81	577,234.95	32° 36' 12.452 N	104° 13' 0.339 W	
11,200.0	90.00	89.69	8,305.0	-51.7	3,096.9	583,289.36	577,334.95	32° 36' 12.457 N	104° 12' 59.170 W	
11,300.0	90.00	89.69	8,305.0	-51.1	3,196.9	583,289.90	577,434.95	32° 36' 12.461 N	104° 12' 58.000 W	
11,400.0	90.00	89.69	8,305.0	-50.6	3,296.9	583,290.44	577,534.95	32° 36' 12.465 N	104° 12' 56.831 W	
11,500.0	90.00	89.69	8,305.0	-50.0	3,396.9	583,290.99	577,634.95	32° 36' 12.470 N	104° 12' 55.662 W	
11,600.0	90.00	89.69	8,305.0	-49.5	3,496.9	583,291.53	577,734.95	32° 36' 12.474 N	104° 12' 54.493 W	
11,700.0	90.00	89.69	8,305.0	-48.9	3,596.9	583,292.07	577,834.95	32° 36' 12.478 N	104° 12' 53.324 W	
11,800.0	90.00	89.69	8,305.0	-48.4	3,696.9	583,292.62	577,934.94	32° 36' 12.482 N	104° 12' 52.155 W	
11,900.0	90.00	89.69	8,305.0	-47.9	3,796.8	583,293.16	578,034.94	32° 36' 12.487 N	104° 12' 50.986 W	
12,000.0	90.00	89.69	8,305.0	-47.3	3,896.8	583,293.70	578,134.94	32° 36' 12.491 N	104° 12' 49.817 W	
12,100.0	90.00	89.69	8,305.0	-46.8	3,996.8	583,294.25	578,234.94	32° 36' 12.495 N	104° 12' 48.648 W	
12,200.0	90.00	89.69	8,305.0	-46.2	4,096.8	583,294.79	578,334.94	32° 36' 12.499 N	104° 12' 47.479 W	
12,300.0	90.00	89.69	8,305.0	-45.7	4,196.8	583,295.33	578,434.94	32° 36' 12.504 N	104° 12' 46.310 W	
12,400.0	90.00	89.69	8,305.0	-45.1	4,296.8	583,295.87	578,534.94	32° 36' 12.508 N	104° 12' 45.141 W	
12,500.0	90.00	89.69	8,305.0	-44.6	4,396.8	583,296.42	578,634.93	32° 36' 12.512 N	104° 12' 43.972 W	
12,600.0	90.00	89.69	8,305.0	-44.1	4,496.8	583,296.96	578,734.93	32° 36' 12.516 N	104° 12' 42.803 W	
12,700.0	90.00	89.69	8,305.0	-43.5	4,596.8	583,297.50	578,834.93	32° 36' 12.521 N	104° 12' 41.634 W	
12,800.0	90.00	89.69	8,305.0	-43.0	4,696.8	583,298.05	578,934.93	32° 36' 12.525 N	104° 12' 40.465 W	
12,900.0	90.00	89.69	8,305.0	-42.4	4,796.8	583,298.59	579,034.93	32° 36' 12.529 N	104° 12' 39.296 W	
13,000.0	90.00	89.69	8,305.0	-41.9	4,896.8	583,299.13	579,134.93	32° 36' 12.533 N	104° 12' 38.127 W	
13,100.0	90.00	89.69	8,305.0	-41.3	4,996.8	583,299.68	579,234.92	32° 36' 12.538 N	104° 12' 36.958 W	
13,200.0	90.00	89.69	8,305.0	-40.8	5,096.8	583,300.22	579,334.92	32° 36' 12.542 N	104° 12' 35.789 W	
13,300.0	90.00	89.69	8,305.0	-40.2	5,196.8	583,300.76	579,434.92	32° 36' 12.546 N	104° 12' 34.620 W	
13,400.0	90.00	89.69	8,305.0	-39.7	5,296.8	583,301.31	579,534.92	32° 36' 12.550 N	104° 12' 33.451 W	
13,500.0	90.00	89.69	8,305.0	-39.2	5,396.8	583,301.85	579,634.92	32° 36' 12.554 N	104° 12' 32.282 W	
13,600.0	90.00	89.69	8,305.0	-38.6	5,496.8	583,302.39	579,734.92	32° 36' 12.559 N	104° 12' 31.112 W	
13,700.0	90.00	89.69	8,305.0	-38.1	5,596.8	583,302.94	579,834.92	32° 36' 12.563 N	104° 12' 29.943 W	
13,800.0	90.00	89.69	8,305.0	-37.5	5,696.8	583,303.48	579,934.91	32° 36' 12.567 N	104° 12' 28.774 W	
13,900.0	90.00	89.69	8,305.0	-37.0	5,796.8	583,304.02	580,034.91	32° 36' 12.571 N	104° 12' 27.605 W	
14,000.0	90.00	89.69	8,305.0	-36.4	5,896.8	583,304.57	580,134.91	32° 36' 12.576 N	104° 12' 26.436 W	
14,100.0	90.00	89.69	8,305.0	-35.9	5,996.8	583,305.11	580,234.91	32° 36' 12.580 N	104° 12' 25.267 W	
14,200.0	90.00	89.69	8,305.0	-35.4	6,096.8	583,305.65	580,334.91	32° 36' 12.584 N	104° 12' 24.098 W	
14,300.0	90.00	89.69	8,305.0	-34.8	6,196.8	583,306.20	580,434.91	32° 36' 12.588 N	104° 12' 22.929 W	
14,400.0	90.00	89.69	8,305.0	-34.3	6,296.8	583,306.74	580,534.91	32° 36' 12.592 N	104° 12' 21.760 W	
14,500.0	90.00	89.69	8,305.0	-33.7	6,396.8	583,307.28	580,634.90	32° 36' 12.597 N	104° 12' 20.591 W	
14,600.0	90.00	89.69	8,305.0	-33.2	6,496.8	583,307.83	580,734.90	32° 36' 12.601 N	104° 12' 19.422 W	
14,700.0	90.00	89.69	8,305.0	-32.6	6,596.8	583,308.37	580,834.90	32° 36' 12.605 N	104° 12' 18.253 W	
14,800.0	90.00	89.69	8,305.0	-32.1	6,696.8	583,308.91	580,934.90	32° 36' 12.609 N	104° 12' 17.084 W	
14,900.0	90.00	89.69	8,305.0	-31.6	6,796.8	583,309.46	581,034.90	32° 36' 12.613 N	104° 12' 15.915 W	
15,000.0	90.00	89.69	8,305.0	-31.0	6,896.8	583,310.00	581,134.90	32° 36' 12.617 N	104° 12' 14.746 W	
15,100.0	90.00	89.69	8,305.0	-30.5	6,996.8	583,310.54	581,234.90	32° 36' 12.622 N	104° 12' 13.577 W	
15,200.0	90.00	89.69	8,305.0	-29.9	7,096.8	583,311.09	581,334.89	32° 36' 12.626 N	104° 12' 12.408 W	
15,300.0	90.00	89.69	8,305.0	-29.4	7,196.8	583,311.63	581,434.89	32° 36' 12.630 N	104° 12' 11.239 W	
15,400.0	90.00	89.69	8,305.0	-28.8	7,296.8	583,312.17	581,534.89	32° 36' 12.634 N	104° 12' 10.070 W	
15,500.0	90.00	89.69	8,305.0	-28.3	7,396.8	583,312.72	581,634.89	32° 36' 12.638 N	104° 12' 8.901 W	
15,600.0	90.00	89.69	8,305.0	-27.8	7,496.8	583,313.26	581,734.89	32° 36' 12.642 N	104° 12' 7.732 W	
15,700.0	90.00	89.69	8,305.0	-27.2	7,596.8	583,313.80	581,834.89	32° 36' 12.647 N	104° 12' 6.563 W	
15,800.0	90.00	89.69	8,305.0	-26.7	7,696.8	583,314.35	581,934.89	32° 36' 12.651 N	104° 12' 5.393 W	

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	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
15,900.0	90.00	89.69	8,305.0	-26.1	7,796.8	583,314.89	582,034.88	32° 36'	12.655 N	104° 12' 4.224 W
16,000.0	90.00	89.69	8,305.0	-25.6	7,896.8	583,315.43	582,134.88	32° 36'	12.659 N	104° 12' 3.055 W
16,100.0	90.00	89.69	8,305.0	-25.0	7,996.8	583,315.97	582,234.88	32° 36'	12.663 N	104° 12' 1.886 W
16,200.0	90.00	89.69	8,305.0	-24.5	8,096.8	583,316.52	582,334.88	32° 36'	12.667 N	104° 12' 0.717 W
16,300.0	90.00	89.69	8,305.0	-24.0	8,196.8	583,317.06	582,434.88	32° 36'	12.671 N	104° 11' 59.548 W
16,400.0	90.00	89.69	8,305.0	-23.4	8,296.8	583,317.60	582,534.88	32° 36'	12.676 N	104° 11' 58.379 W
16,500.0	90.00	89.69	8,305.0	-22.9	8,396.8	583,318.15	582,634.87	32° 36'	12.680 N	104° 11' 57.210 W
16,600.0	90.00	89.69	8,305.0	-22.3	8,496.8	583,318.69	582,734.87	32° 36'	12.684 N	104° 11' 56.041 W
16,700.0	90.00	89.69	8,305.0	-21.8	8,596.8	583,319.23	582,834.87	32° 36'	12.688 N	104° 11' 54.872 W
16,800.0	90.00	89.69	8,305.0	-21.2	8,696.8	583,319.78	582,934.87	32° 36'	12.692 N	104° 11' 53.703 W
16,900.0	90.00	89.69	8,305.0	-20.7	8,796.8	583,320.32	583,034.87	32° 36'	12.696 N	104° 11' 52.534 W
17,000.0	90.00	89.69	8,305.0	-20.1	8,896.8	583,320.86	583,134.87	32° 36'	12.700 N	104° 11' 51.365 W
17,100.0	90.00	89.69	8,305.0	-19.6	8,996.8	583,321.41	583,234.87	32° 36'	12.704 N	104° 11' 50.196 W
17,200.0	90.00	89.69	8,305.0	-19.1	9,096.8	583,321.95	583,334.86	32° 36'	12.708 N	104° 11' 49.027 W
17,300.0	90.00	89.69	8,305.0	-18.5	9,196.8	583,322.49	583,434.86	32° 36'	12.713 N	104° 11' 47.858 W
17,400.0	90.00	89.69	8,305.0	-18.0	9,296.8	583,323.04	583,534.86	32° 36'	12.717 N	104° 11' 46.689 W
17,500.0	90.00	89.69	8,305.0	-17.4	9,396.8	583,323.58	583,634.86	32° 36'	12.721 N	104° 11' 45.520 W
17,600.0	90.00	89.69	8,305.0	-16.9	9,496.8	583,324.12	583,734.86	32° 36'	12.725 N	104° 11' 44.351 W
17,700.0	90.00	89.69	8,305.0	-16.3	9,596.8	583,324.67	583,834.86	32° 36'	12.729 N	104° 11' 43.182 W
17,800.0	90.00	89.69	8,305.0	-15.8	9,696.8	583,325.21	583,934.86	32° 36'	12.733 N	104° 11' 42.013 W
17,900.0	90.00	89.69	8,305.0	-15.3	9,796.8	583,325.75	584,034.85	32° 36'	12.737 N	104° 11' 40.844 W
18,000.0	90.00	89.69	8,305.0	-14.7	9,896.8	583,326.30	584,134.85	32° 36'	12.741 N	104° 11' 39.675 W
18,100.0	90.00	89.69	8,305.0	-14.2	9,996.8	583,326.84	584,234.85	32° 36'	12.745 N	104° 11' 38.505 W
18,200.0	90.00	89.69	8,305.0	-13.6	10,096.8	583,327.38	584,334.85	32° 36'	12.749 N	104° 11' 37.336 W
18,300.0	90.00	89.69	8,305.0	-13.1	10,196.8	583,327.93	584,434.85	32° 36'	12.753 N	104° 11' 36.167 W
18,400.0	90.00	89.69	8,305.0	-12.5	10,296.8	583,328.47	584,534.85	32° 36'	12.758 N	104° 11' 34.998 W
18,500.0	90.00	89.69	8,305.0	-12.0	10,396.8	583,329.01	584,634.85	32° 36'	12.762 N	104° 11' 33.829 W
18,600.0	90.00	89.69	8,305.0	-11.5	10,496.8	583,329.56	584,734.84	32° 36'	12.766 N	104° 11' 32.660 W
18,700.0	90.00	89.69	8,305.0	-10.9	10,596.7	583,330.10	584,834.84	32° 36'	12.770 N	104° 11' 31.491 W
18,800.0	90.00	89.69	8,305.0	-10.4	10,696.7	583,330.64	584,934.84	32° 36'	12.774 N	104° 11' 30.322 W
18,900.0	90.00	89.69	8,305.0	-9.8	10,796.7	583,331.19	585,034.84	32° 36'	12.778 N	104° 11' 29.153 W
18,960.4	90.00	89.69	8,305.0	-9.5	10,857.1	583,331.51	585,095.24	32° 36'	12.780 N	104° 11' 28.447 W
LTP										
19,000.0	90.00	89.69	8,305.0	-9.3	10,896.7	583,331.73	585,134.84	32° 36'	12.782 N	104° 11' 27.984 W
19,050.4	90.00	89.69	8,305.0	-9.0	10,947.1	583,332.00	585,185.24	32° 36'	12.784 N	104° 11' 27.395 W
BHL										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
MAD MAX 6 FED COM - hit/miss target - Shape	0.00	0.01	8,305.0	-9.0	10,947.2	583,332.00	585,185.25	32° 36'	12.784 N	104° 11' 27.395 W
MAD MAX 6 FED COM - plan hits target center - Point										
MAD MAX 6 FED COM - plan misses target center by 39.1usft at 8437.3usft MD (8284.5 TVD, -34.9 N, 337.4 E) - Point	0.00	0.00	8,305.0	-66.9	328.5	583,274.09	574,566.58	32° 36'	12.335 N	104° 13' 31.533 W
MAD MAX 6 FED COM - plan misses target center by 0.1usft at 18960.4usft MD (8305.0 TVD, -9.5 N, 10857.2 E) - Point	0.00	0.00	8,305.0	-9.4	10,857.2	583,331.63	585,095.25	32° 36'	12.782 N	104° 11' 28.447 W

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well MAD MAX 6 FED COM 132H
Company:	NEW MEXICO	TVD Reference:	GL @ 3411.0usft
Project:	(SP) EDDY	MD Reference:	GL @ 3411.0usft
Site:	MAD MAX	North Reference:	Grid
Well:	MAD MAX 6 FED COM 132H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
7,827.5	7,827.5	0.0	0.0	KOP	
8,577.6	8,305.0	-49.1	475.0	EOC/FTP	
18,960.4	8,305.0	-9.5	10,857.1	LTP	
19,050.4	8,305.0	-9.0	10,947.1	BHL	

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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 199702

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 199702
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	3/23/2023