

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Company 600 N. Marienfeld St., Suite 600 Midland, TX 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW 5/27/21
⁴ API Number 30 - 025-46320	⁵ Pool Name WC-025 G-08 S243213C;Wolfcamp	⁶ Pool Code 98309
⁷ Property Code 326056	⁸ Property Name Dos Equis 12-13 Federal Com	⁹ Well Number 5H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	12	24S	32E		360	North	2330	East	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	24S	32E		100	South	1224	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 5/27/21	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
371960	Lucid Energy Delaware, LLC	G
267255	Energy Transfer Partners, LP	O

IV. Well Completion Data

²¹ Spud Date 11/02/20	²² Ready Date 5/27/21	²³ TD 22,232MD/ 12,418TVD	²⁴ PBDT 22,201	²⁵ Perforations 12,667 - 22,176	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4	10-3/4	1247	Total: 879sx		
9-7/8, 8-3/4	7-5/8	12,706	Total: 2548sx		
6-3/4	5	22,216	Total: 1153sx		
	2-7/8	11074			

V. Well Test Data

³¹ Date New Oil 5/21/21	³² Gas Delivery Date 5/21/21	³³ Test Date 6/20/21	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2357
³⁷ Choke Size	³⁸ Oil 5270	³⁹ Water 3092	⁴⁰ Gas 6481		⁴¹ Test Method Gas 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: 	OIL CONSERVATION DIVISION	
	Approved by: PATRICIA MARTINEZ	
	Title: PETROLEUM SPECIALIST	
	Approval Date: 5/26/2022	
Printed name: Kanicia Schlichting		
Title: Regulatory Analyst		
E-mail Address: kschlichting@cimarex.com		
Date: 1/27/22	Phone: 432-571-7894	

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46320		² Pool Code 98309	³ Pool Name WC-025 G-08 S243213C; Wolfcamp	
⁴ Property Code 326056	⁵ Property Name DOS EQUIS 12-13 FEDERAL COM			⁶ Well Number 5H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3603.9'

¹⁰Surface Location

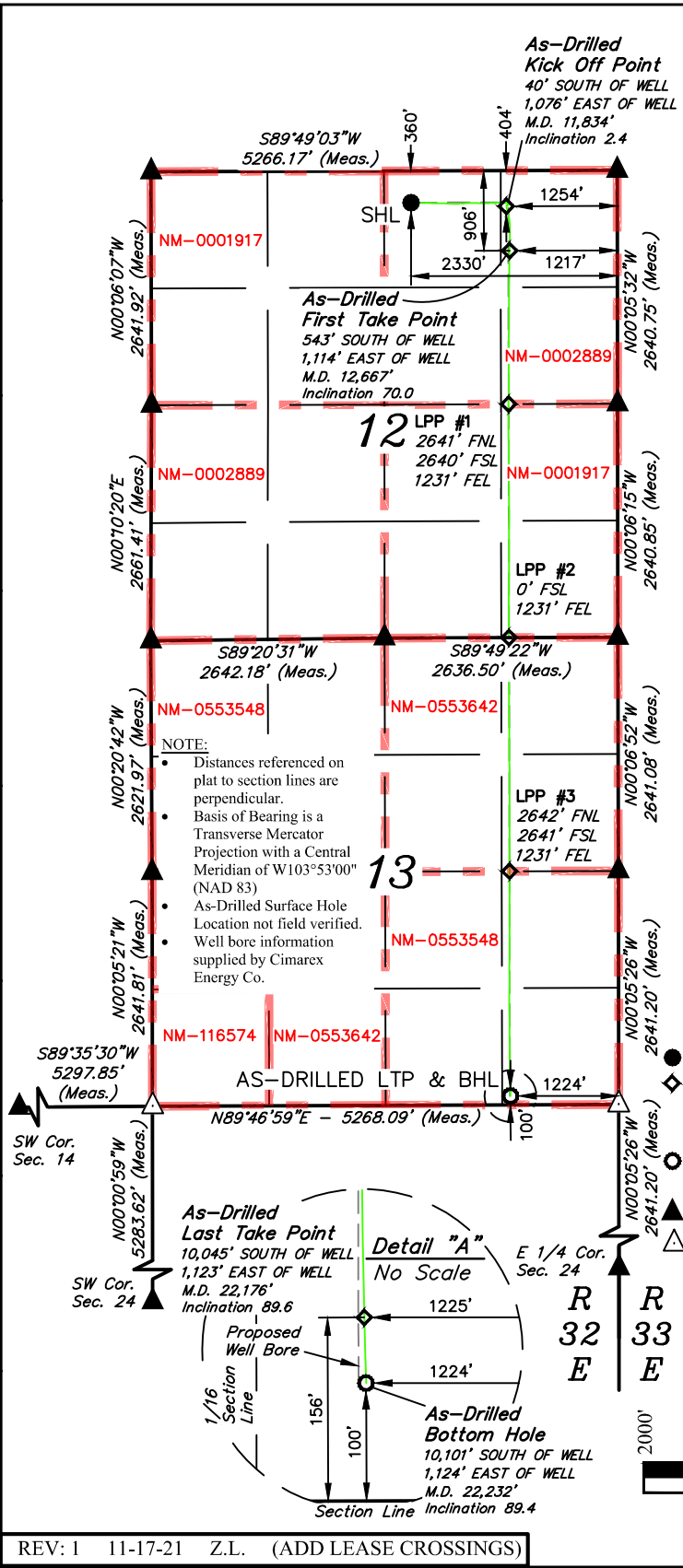
UL or lot no. B	Section 12	Township 24S	Range 32E	Lot Idn	Feet from the 360	North/South line NORTH	Feet from the 2330	East/West line EAST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. P	Section 13	Township 24S	Range 32E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1224	East/West line EAST	County LEA
¹² Dedicated Acres		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.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°14'18.49" (32.238468°)
LONGITUDE = 103°37'38.36" (103.627322°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°14'18.04" (32.238345°)
LONGITUDE = 103°37'36.63" (103.626841°)
STATE PLANE NAD 83 (N.M. EAST)
N: 451205.77' E: 759626.78'
STATE PLANE NAD 27 (N.M. EAST)
N: 451146.81' E: 718442.80'
NAD 83 (AS-DRILLED KOP)
LATITUDE = 32°14'18.06" (32.238350°)
LONGITUDE = 103°37'25.83" (103.623842°)
NAD 27 (AS-DRILLED KOP)
LATITUDE = 32°14'17.62" (32.238227°)
LONGITUDE = 103°37'24.10" (103.623361°)
STATE PLANE NAD 83 (N.M. EAST)
N: 451169.99' E: 760703.08'
STATE PLANE NAD 27 (N.M. EAST)
N: 451111.03' E: 719519.09'
NAD 83 (AS-DRILLED FTP)
LATITUDE = 32°14'13.09" (32.236969°)
LONGITUDE = 103°37'25.41" (103.623724°)
NAD 27 (AS-DRILLED FTP)
LATITUDE = 32°14'12.64" (32.236846°)
LONGITUDE = 103°37'23.68" (103.623244°)
STATE PLANE NAD 83 (N.M. EAST)
N: 450667.76' E: 760742.58'
STATE PLANE NAD 27 (N.M. EAST)
N: 450608.81' E: 719558.58'
NAD 83 (LPP #1)
LATITUDE = 32°13'55.93" (32.232202°)
LONGITUDE = 103°37'25.59" (103.623775°)
NAD 27 (LPP #1)
LATITUDE = 32°13'55.48" (32.232078°)
LONGITUDE = 103°37'23.86" (103.623295°)
STATE PLANE NAD 83 (N.M. EAST)
N: 448933.28' E: 760738.38'
STATE PLANE NAD 27 (N.M. EAST)
N: 448874.38' E: 719554.30'
NAD 83 (LPP #2)
LATITUDE = 32°13'29.80" (32.224945°)
LONGITUDE = 103°37'25.61" (103.623780°)
NAD 27 (LPP #2)
LATITUDE = 32°13'29.36" (32.224821°)
LONGITUDE = 103°37'23.88" (103.623301°)
STATE PLANE NAD 83 (N.M. EAST)
N: 446293.33' E: 760754.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 446234.49' E: 719570.03'
NAD 83 (LPP #3)
LATITUDE = 32°13'03.66" (32.217685°)
LONGITUDE = 103°37'25.61" (103.623782°)
NAD 27 (LPP #3)
LATITUDE = 32°13'03.22" (32.217561°)
LONGITUDE = 103°37'23.89" (103.623303°)
STATE PLANE NAD 83 (N.M. EAST)
N: 443652.06' E: 760771.23'
STATE PLANE NAD 27 (N.M. EAST)
N: 443593.28' E: 719586.90'
NAD 83 (AS-DRILLED LTP)
LATITUDE = 32°12'39.08" (32.210855°)
LONGITUDE = 103°37'25.57" (103.623770°)
NAD 27 (AS-DRILLED LTP)
LATITUDE = 32°12'38.63" (32.210732°)
LONGITUDE = 103°37'23.85" (103.623291°)
STATE PLANE NAD 83 (N.M. EAST)
N: 441167.63' E: 760791.31'
STATE PLANE NAD 27 (N.M. EAST)
N: 441108.91' E: 719606.88'
NAD 83 (AS-DRILLED BHL)
LATITUDE = 32°12'38.53" (32.210702°)
LONGITUDE = 103°37'25.56" (103.623765°)
NAD 27 (AS-DRILLED BHL)
LATITUDE = 32°12'38.08" (32.210578°)
LONGITUDE = 103°37'23.83" (103.623287°)
STATE PLANE NAD 83 (N.M. EAST)
N: 441111.66' E: 760793.07'
STATE PLANE NAD 27 (N.M. EAST)
N: 441052.95' E: 719608.63'



7 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 1/27/2022 Date

Kanicia Schlichting
Printed Name

kanicia.schlichting@coterra.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.

April 23, 2018

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



Certificate Number: _____

- = SURFACE HOLE LOCATION
- ◆ = AS-DRILLED KICK OFF POINT/LPP/FIRST TAKE POINT/LAST TAKE POINT
- ⦿ = AS-DRILLED BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED.
- (Not Set on Ground.)



SCALE
DRAWN BY: D.J.S. 10-20-21



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Moyagusa
Scale	0.999964	Report Generated	29/Dec/2020 at 11:02
Convergence at slot	0.38° East	Database	WA_HOU_Midland_Defn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.15	20.00	759626.78	451205.77	32°14'18.4858"N	103°37'38.3577"W
Facility Reference Pt			759606.78	451205.62	32°14'18.4857"N	103°37'38.5906"W
Field Reference Pt			533303.25	1273342.63	34°30'0.0000"N	104°21'36.0000"W

WELLPATH DATUM

Calculation method	Minimum curvature	Cactus 163 (KB) to Facility Vertical Datum	3628.90ft
Horizontal Reference Pt	Slot	Cactus 163 (KB) to Mean Sea Level	3628.90ft
Vertical Reference Pt	Cactus 163 (KB)	Cactus 163 (KB) to Ground Level at Slot (Dos Equis 12-13 Federal Com 5H)	25.00ft
MD Reference Pt	Cactus 163 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.66°



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations) † = interpolated, ‡ = extrapolated station														
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	117.200	0.00	0.00	0.00	0.00	759626.78	451205.77	32°14'18.4858"N	103°37'38.3577"W	0.00	0.00	0.00	
25.00	0.000	117.200	25.00	0.00	0.00	0.00	759626.78	451205.77	32°14'18.4858"N	103°37'38.3577"W	0.00	0.00	0.00	
218.00	1.160	117.200	217.99	0.90	-0.89	1.74	759628.52	451204.88	32°14'18.4769"N	103°37'38.3375"W	0.60	0.60	0.00	14-3/4" Trueshot MWD Surveys 218'-1143'
310.00	1.070	109.910	309.97	1.63	-1.61	3.37	759630.15	451204.16	32°14'18.4697"N	103°37'38.3186"W	0.18	-0.10	-7.92	
409.00	1.210	108.880	408.95	2.30	-2.26	5.23	759632.01	451203.51	32°14'18.4631"N	103°37'38.2970"W	0.14	0.14	-1.04	
500.00	1.030	111.270	499.93	2.91	-2.87	6.90	759633.68	451202.90	32°14'18.4570"N	103°37'38.2776"W	0.20	-0.20	2.63	
592.00	0.990	112.680	591.92	3.53	-3.48	8.41	759635.19	451202.29	32°14'18.4509"N	103°37'38.2601"W	0.05	-0.04	1.53	
776.00	0.950	113.420	775.89	4.76	-4.70	11.27	759638.05	451201.07	32°14'18.4386"N	103°37'38.2268"W	0.02	-0.02	0.40	
867.00	0.840	88.330	866.88	5.05	-4.98	12.63	759639.41	451200.79	32°14'18.4358"N	103°37'38.2110"W	0.44	-0.12	-27.57	
958.00	0.910	128.270	957.87	5.49	-5.41	13.87	759640.65	451200.36	32°14'18.4315"N	103°37'38.1967"W	0.66	0.08	43.89	
1048.00	0.980	131.370	1047.86	6.45	-6.36	15.01	759641.78	451199.41	32°14'18.4220"N	103°37'38.1835"W	0.10	0.08	3.44	
1143.00	1.040	129.430	1142.84	7.54	-7.44	16.28	759643.06	451198.33	32°14'18.4112"N	103°37'38.1687"W	0.07	0.06	-2.04	
1175.00	1.020	130.790	1174.84	7.91	-7.81	16.72	759643.50	451197.96	32°14'18.4075"N	103°37'38.1636"W	0.10	-0.06	4.25	9-7/8" Trueshot MWD Surveys 1175'-11769'
1267.00	1.330	129.130	1266.82	9.13	-9.02	18.17	759644.95	451196.75	32°14'18.3954"N	103°37'38.1469"W	0.34	0.34	-1.80	
1331.00	1.600	117.200	1330.80	10.01	-9.90	19.54	759646.32	451195.87	32°14'18.3866"N	103°37'38.1310"W	0.63	0.42	-18.64	
1425.00	3.940	95.930	1424.68	10.97	-10.83	23.92	759650.70	451194.94	32°14'18.3771"N	103°37'38.0801"W	2.68	2.49	-22.63	
1520.00	5.970	87.230	1519.33	11.12	-10.93	32.10	759658.88	451194.84	32°14'18.3756"N	103°37'37.9848"W	2.27	2.14	-9.16	
1614.00	7.490	84.780	1612.68	10.39	-10.14	43.09	759669.86	451195.63	32°14'18.3827"N	103°37'37.8569"W	1.65	1.62	-2.61	
1709.00	7.130	84.260	1706.90	9.31	-8.98	55.12	759681.90	451196.79	32°14'18.3934"N	103°37'37.7167"W	0.39	-0.38	-0.55	
1803.00	8.270	84.570	1800.05	8.16	-7.76	67.65	759694.43	451198.01	32°14'18.4047"N	103°37'37.5707"W	1.21	1.21	0.33	
1898.00	8.670	82.880	1894.02	6.71	-6.23	81.56	759708.34	451199.54	32°14'18.4189"N	103°37'37.4086"W	0.50	0.42	-1.78	
1992.00	8.550	81.860	1986.96	4.93	-4.36	95.51	759722.28	451201.41	32°14'18.4365"N	103°37'37.2461"W	0.21	-0.13	-1.09	
2086.00	8.650	88.070	2079.90	3.78	-3.13	109.49	759736.27	451202.64	32°14'18.4477"N	103°37'37.0832"W	0.99	0.11	6.61	
2179.00	8.660	89.650	2171.84	3.59	-2.85	123.48	759750.26	451202.92	32°14'18.4496"N	103°37'36.9203"W	0.26	0.01	1.70	
2275.00	8.600	88.220	2266.76	3.40	-2.59	137.88	759764.66	451203.18	32°14'18.4513"N	103°37'36.7526"W	0.23	-0.06	-1.49	
2369.00	8.490	88.810	2359.71	3.12	-2.22	151.84	759778.62	451203.55	32°14'18.4540"N	103°37'36.5901"W	0.15	-0.12	0.63	
2464.00	8.310	88.180	2453.70	2.84	-1.86	165.72	759792.49	451203.91	32°14'18.4567"N	103°37'36.4285"W	0.21	-0.19	-0.66	
2558.00	8.280	87.210	2546.71	2.38	-1.31	179.27	759806.04	451204.46	32°14'18.4612"N	103°37'36.2707"W	0.15	-0.03	-1.03	
2653.00	8.680	93.890	2640.68	2.61	-1.47	193.25	759820.02	451204.30	32°14'18.4587"N	103°37'36.1079"W	1.12	0.42	7.03	
2746.00	8.950	94.830	2732.58	3.78	-2.55	207.46	759834.23	451203.22	32°14'18.4471"N	103°37'35.9426"W	0.33	0.29	1.01	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2841.00	8.800	94.330	2826.44	5.04	-3.72	222.07	759848.84	451202.05	32°14'18.4345"N	103°37'35.7726"W	0.18	-0.16	-0.53	
2935.00	8.610	95.610	2919.36	6.36	-4.95	236.24	759863.01	451200.82	32°14'18.4214"N	103°37'35.6077"W	0.29	-0.20	1.36	
3029.00	8.170	90.880	3012.35	7.23	-5.75	249.93	759876.70	451200.02	32°14'18.4127"N	103°37'35.4485"W	0.87	-0.47	-5.03	
3124.00	8.190	90.440	3106.39	7.46	-5.90	263.44	759890.21	451199.87	32°14'18.4103"N	103°37'35.2911"W	0.07	0.02	-0.46	
3219.00	7.860	89.070	3200.45	7.49	-5.85	276.70	759903.47	451199.92	32°14'18.4100"N	103°37'35.1367"W	0.40	-0.35	-1.44	
3313.00	7.920	89.320	3293.56	7.38	-5.67	289.60	759916.37	451200.10	32°14'18.4109"N	103°37'34.9865"W	0.07	0.06	0.27	
3407.00	7.540	86.850	3386.71	7.04	-5.25	302.24	759929.01	451200.52	32°14'18.4142"N	103°37'34.8394"W	0.54	-0.40	-2.63	
3501.00	8.650	88.460	3479.77	6.59	-4.72	315.46	759942.23	451201.05	32°14'18.4186"N	103°37'34.6854"W	1.21	1.18	1.71	
3595.00	8.680	87.870	3572.70	6.22	-4.27	329.62	759956.38	451201.50	32°14'18.4222"N	103°37'34.5205"W	0.10	0.03	-0.63	
3689.00	8.980	91.740	3665.59	6.27	-4.23	344.04	759970.81	451201.54	32°14'18.4216"N	103°37'34.3526"W	0.71	0.32	4.12	
3783.00	9.020	92.710	3758.43	6.93	-4.80	358.73	759985.50	451200.97	32°14'18.4150"N	103°37'34.1816"W	0.17	0.04	1.03	
3878.00	8.650	93.230	3852.30	7.77	-5.55	373.30	760000.07	451200.22	32°14'18.4066"N	103°37'34.0120"W	0.40	-0.39	0.55	
3972.00	8.420	94.500	3945.26	8.79	-6.49	387.22	760013.99	451199.28	32°14'18.3964"N	103°37'33.8501"W	0.32	-0.24	1.35	
4067.00	8.020	93.250	4039.28	9.79	-7.41	400.77	760027.54	451198.36	32°14'18.3864"N	103°37'33.6924"W	0.46	-0.42	-1.32	
4160.00	8.400	89.330	4131.33	10.16	-7.70	414.04	760040.81	451198.07	32°14'18.3827"N	103°37'33.5379"W	0.73	0.41	-4.22	
4254.00	8.880	91.600	4224.27	10.36	-7.82	428.16	760054.92	451197.95	32°14'18.3806"N	103°37'33.3736"W	0.63	0.51	2.41	
4349.00	8.980	95.160	4318.11	11.32	-8.69	442.87	760069.64	451197.08	32°14'18.3710"N	103°37'33.2023"W	0.59	0.11	3.75	
4443.00	8.480	95.300	4411.03	12.71	-9.99	457.08	760083.84	451195.78	32°14'18.3572"N	103°37'33.0370"W	0.53	-0.53	0.15	
4537.00	8.520	90.670	4503.99	13.51	-10.72	470.95	760097.71	451195.05	32°14'18.3491"N	103°37'32.8757"W	0.73	0.04	-4.93	
4632.00	8.830	95.790	4597.91	14.41	-11.53	485.24	760112.00	451194.24	32°14'18.3401"N	103°37'32.7093"W	0.88	0.33	5.39	
4726.00	8.510	91.040	4690.84	15.35	-12.39	499.37	760126.13	451193.38	32°14'18.3307"N	103°37'32.5449"W	0.83	-0.34	-5.05	
4819.00	7.570	90.590	4782.92	15.62	-12.58	512.37	760139.13	451193.19	32°14'18.3280"N	103°37'32.3935"W	1.01	-1.01	-0.48	
4913.00	8.050	83.780	4876.05	15.04	-11.93	525.11	760151.87	451193.84	32°14'18.3336"N	103°37'32.2452"W	1.11	0.51	-7.24	
5008.00	7.660	84.140	4970.16	13.75	-10.56	538.02	760164.78	451195.21	32°14'18.3463"N	103°37'32.0947"W	0.41	-0.41	0.38	
5102.00	8.410	86.160	5063.24	12.73	-9.46	551.11	760177.87	451196.31	32°14'18.3564"N	103°37'31.9423"W	0.85	0.80	2.15	
5196.00	9.240	86.500	5156.12	11.89	-8.54	565.50	760192.26	451197.23	32°14'18.3645"N	103°37'31.7746"W	0.88	0.88	0.36	
5290.00	9.260	86.350	5248.90	11.04	-7.60	580.58	760207.34	451198.17	32°14'18.3729"N	103°37'31.5990"W	0.03	0.02	-0.16	
5385.00	9.080	84.720	5342.69	9.95	-6.42	595.68	760222.43	451199.35	32°14'18.3835"N	103°37'31.4232"W	0.33	-0.19	-1.72	
5479.00	9.940	84.810	5435.39	8.63	-5.00	611.14	760237.90	451200.77	32°14'18.3965"N	103°37'31.2430"W	0.92	0.91	0.10	
5573.00	10.160	83.500	5527.95	7.05	-3.33	627.46	760254.21	451202.44	32°14'18.4120"N	103°37'31.0529"W	0.34	0.23	-1.39	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5667.00	10.440	88.830	5620.44	6.04	-2.22	644.21	760270.97	451203.55	32°14'18.4219"N	103°37'30.8578"W	1.06	0.30	5.67	
5761.00	10.400	88.770	5712.89	5.79	-1.86	661.21	760287.96	451203.91	32°14'18.4243"N	103°37'30.6599"W	0.04	-0.04	-0.06	
5855.00	10.170	89.610	5805.38	5.65	-1.62	677.99	760304.74	451204.15	32°14'18.4256"N	103°37'30.4645"W	0.29	-0.24	0.89	
5949.00	10.150	87.920	5897.90	5.39	-1.27	694.57	760321.32	451204.50	32°14'18.4281"N	103°37'30.2715"W	0.32	-0.02	-1.80	
6043.00	9.570	90.220	5990.51	5.21	-1.00	710.66	760337.41	451204.77	32°14'18.4297"N	103°37'30.0841"W	0.75	-0.62	2.45	
6138.00	9.150	92.390	6084.25	5.65	-1.34	726.10	760352.85	451204.43	32°14'18.4253"N	103°37'29.9044"W	0.58	-0.44	2.28	
6232.00	8.990	90.800	6177.07	6.15	-1.76	740.91	760367.66	451204.01	32°14'18.4202"N	103°37'29.7320"W	0.32	-0.17	-1.69	
6327.00	8.740	90.540	6270.94	6.41	-1.93	755.55	760382.30	451203.84	32°14'18.4175"N	103°37'29.5615"W	0.27	-0.26	-0.27	
6422.00	8.900	91.820	6364.82	6.80	-2.23	770.11	760396.86	451203.54	32°14'18.4136"N	103°37'29.3920"W	0.27	0.17	1.35	
6517.00	8.780	91.030	6458.69	7.25	-2.59	784.71	760411.46	451203.18	32°14'18.4091"N	103°37'29.2221"W	0.18	-0.13	-0.83	
6611.00	8.500	91.310	6551.62	7.62	-2.88	798.83	760425.57	451202.89	32°14'18.4053"N	103°37'29.0578"W	0.30	-0.30	0.30	
6706.00	8.060	93.030	6645.63	8.21	-3.39	812.50	760439.24	451202.38	32°14'18.3993"N	103°37'28.8987"W	0.53	-0.46	1.81	
6801.00	7.740	90.850	6739.73	8.74	-3.84	825.54	760452.29	451201.93	32°14'18.3941"N	103°37'28.7468"W	0.46	-0.34	-2.29	
6896.00	8.630	86.730	6833.76	8.51	-3.53	839.06	760465.80	451202.24	32°14'18.3963"N	103°37'28.5895"W	1.12	0.94	-4.34	
6991.00	8.750	87.150	6927.67	7.83	-2.76	853.39	760480.14	451203.01	32°14'18.4029"N	103°37'28.4226"W	0.14	0.13	0.44	
7086.00	8.770	88.580	7021.56	7.37	-2.22	867.85	760494.59	451203.55	32°14'18.4073"N	103°37'28.2542"W	0.23	0.02	1.51	
7180.00	8.250	88.320	7114.53	7.08	-1.85	881.75	760508.50	451203.92	32°14'18.4101"N	103°37'28.0923"W	0.55	-0.55	-0.28	
7275.00	8.040	87.700	7208.57	6.69	-1.38	895.20	760521.95	451204.39	32°14'18.4138"N	103°37'27.9357"W	0.24	-0.22	-0.65	
7369.00	9.160	87.560	7301.51	6.20	-0.80	909.25	760535.99	451204.97	32°14'18.4187"N	103°37'27.7721"W	1.19	1.19	-0.15	
7464.00	8.860	87.120	7395.34	5.59	-0.11	924.11	760550.85	451205.66	32°14'18.4245"N	103°37'27.5990"W	0.32	-0.32	-0.46	
7557.00	8.240	87.880	7487.30	5.07	0.50	937.92	760564.66	451206.27	32°14'18.4296"N	103°37'27.4382"W	0.68	-0.67	0.82	
7652.00	7.700	86.520	7581.39	4.51	1.13	951.08	760577.82	451206.90	32°14'18.4351"N	103°37'27.2850"W	0.60	-0.57	-1.43	
7746.00	8.890	88.010	7674.40	3.96	1.77	964.62	760591.36	451207.54	32°14'18.4405"N	103°37'27.1272"W	1.29	1.27	1.59	
7840.00	8.980	88.590	7767.26	3.61	2.20	979.21	760605.96	451207.97	32°14'18.4438"N	103°37'26.9573"W	0.14	0.10	0.62	
7934.00	8.830	90.090	7860.13	3.53	2.37	993.76	760620.50	451208.14	32°14'18.4445"N	103°37'26.7879"W	0.29	-0.16	1.60	
8028.00	8.370	90.260	7953.07	3.65	2.33	1007.82	760634.56	451208.10	32°14'18.4432"N	103°37'26.6243"W	0.49	-0.49	0.18	
8123.00	7.760	90.510	8047.13	3.82	2.24	1021.15	760647.89	451208.01	32°14'18.4414"N	103°37'26.4691"W	0.64	-0.64	0.26	
8217.00	7.250	92.050	8140.33	4.16	1.97	1033.42	760660.16	451207.74	32°14'18.4380"N	103°37'26.3262"W	0.58	-0.54	1.64	
8311.00	7.110	91.650	8233.59	4.61	1.59	1045.16	760671.90	451207.36	32°14'18.4335"N	103°37'26.1895"W	0.16	-0.15	-0.43	
8406.00	6.520	93.500	8327.92	5.18	1.09	1056.42	760683.16	451206.86	32°14'18.4278"N	103°37'26.0585"W	0.66	-0.62	1.95	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8500.00	6.020	91.790	8421.35	5.72	0.61	1066.68	760693.42	451206.38	32°14'18.4224"N	103°37'25.9391"W	0.57	-0.53	-1.82	
8594.00	5.060	95.930	8514.91	6.35	0.03	1075.73	760702.47	451205.80	32°14'18.4160"N	103°37'25.8338"W	1.11	-1.02	4.40	
8689.00	4.170	90.660	8609.61	6.87	-0.44	1083.35	760710.09	451205.33	32°14'18.4108"N	103°37'25.7451"W	1.04	-0.94	-5.55	
8783.00	3.190	96.920	8703.41	7.26	-0.80	1089.36	760716.10	451204.97	32°14'18.4069"N	103°37'25.6751"W	1.13	-1.04	6.66	
8878.00	2.860	99.840	8798.28	8.01	-1.52	1094.32	760721.06	451204.25	32°14'18.3995"N	103°37'25.6175"W	0.38	-0.35	3.07	
8972.00	1.160	104.790	8892.22	8.68	-2.16	1097.55	760724.29	451203.61	32°14'18.3929"N	103°37'25.5799"W	1.82	-1.81	5.27	
9067.00	1.090	119.120	8987.20	9.37	-2.85	1099.27	760726.01	451202.92	32°14'18.3860"N	103°37'25.5599"W	0.30	-0.07	15.08	
9160.00	0.620	135.790	9080.19	10.17	-3.64	1100.39	760727.13	451202.13	32°14'18.3781"N	103°37'25.5469"W	0.57	-0.51	17.92	
9254.00	0.710	179.820	9174.18	11.12	-4.59	1100.75	760727.49	451201.18	32°14'18.3687"N	103°37'25.5428"W	0.54	0.10	46.84	
9348.00	0.850	189.880	9268.17	12.39	-5.86	1100.63	760727.37	451199.91	32°14'18.3561"N	103°37'25.5443"W	0.21	0.15	10.70	
9443.00	0.740	164.150	9363.17	13.67	-7.14	1100.68	760727.42	451198.63	32°14'18.3434"N	103°37'25.5439"W	0.39	-0.12	-27.08	
9537.00	0.580	181.660	9457.16	14.73	-8.20	1100.83	760727.57	451197.57	32°14'18.3329"N	103°37'25.5422"W	0.27	-0.17	18.63	
9631.00	0.760	179.490	9551.15	15.83	-9.30	1100.82	760727.56	451196.47	32°14'18.3221"N	103°37'25.5424"W	0.19	0.19	-2.31	
9724.00	0.730	144.670	9644.15	16.93	-10.40	1101.17	760727.91	451195.37	32°14'18.3111"N	103°37'25.5384"W	0.48	-0.03	-37.44	
9819.00	0.580	145.850	9739.14	17.83	-11.29	1101.79	760728.53	451194.48	32°14'18.3023"N	103°37'25.5312"W	0.16	-0.16	1.24	
9913.00	0.590	161.230	9833.13	18.68	-12.14	1102.21	760728.95	451193.63	32°14'18.2938"N	103°37'25.5264"W	0.17	0.01	16.36	
10102.00	0.560	179.760	10022.13	20.53	-13.99	1102.53	760729.27	451191.78	32°14'18.2756"N	103°37'25.5228"W	0.10	-0.02	9.80	
10291.00	0.580	174.040	10211.12	22.41	-15.86	1102.63	760729.37	451189.91	32°14'18.2570"N	103°37'25.5218"W	0.03	0.01	-3.03	
10385.00	0.340	179.380	10305.11	23.16	-16.61	1102.69	760729.42	451189.16	32°14'18.2495"N	103°37'25.5212"W	0.26	-0.26	5.68	
10479.00	0.570	249.100	10399.11	23.60	-17.06	1102.25	760728.99	451188.71	32°14'18.2452"N	103°37'25.5263"W	0.59	0.24	74.17	
10573.00	0.620	247.880	10493.11	23.95	-17.42	1101.35	760728.08	451188.35	32°14'18.2417"N	103°37'25.5369"W	0.05	0.05	-1.30	
10668.00	0.850	249.740	10588.10	24.38	-17.86	1100.21	760726.95	451187.91	32°14'18.2374"N	103°37'25.5502"W	0.24	0.24	1.96	
10763.00	1.370	245.100	10683.08	25.10	-18.58	1098.52	760725.25	451187.19	32°14'18.2304"N	103°37'25.5699"W	0.56	0.55	-4.88	
10858.00	1.450	244.000	10778.05	26.09	-19.58	1096.41	760723.14	451186.19	32°14'18.2206"N	103°37'25.5946"W	0.09	0.08	-1.16	
10951.00	1.620	234.660	10871.02	27.35	-20.86	1094.28	760721.01	451184.91	32°14'18.2081"N	103°37'25.6195"W	0.32	0.18	-10.04	
11045.00	1.700	227.030	10964.98	29.06	-22.58	1092.17	760718.91	451183.19	32°14'18.1912"N	103°37'25.6441"W	0.25	0.09	-8.12	
11234.00	1.410	221.410	11153.91	32.69	-26.23	1088.58	760715.32	451179.54	32°14'18.1553"N	103°37'25.6862"W	0.17	-0.15	-2.97	
11328.00	1.710	234.290	11247.87	34.37	-27.92	1086.68	760713.42	451177.85	32°14'18.1387"N	103°37'25.7085"W	0.49	0.32	13.70	
11423.00	1.940	238.730	11342.83	36.01	-29.58	1084.15	760710.89	451176.19	32°14'18.1225"N	103°37'25.7380"W	0.28	0.24	4.67	
11517.00	1.570	230.230	11436.78	37.65	-31.23	1081.80	760708.54	451174.54	32°14'18.1063"N	103°37'25.7655"W	0.48	-0.39	-9.04	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)														
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11612.00	1.370	240.870	11531.75	39.02	-32.62	1079.81	760706.55	451173.15	32°14'18.0927"N	103°37'25.7888"W	0.36	-0.21	11.20	
11706.00	1.050	241.130	11625.73	39.98	-33.58	1078.08	760704.81	451172.19	32°14'18.0833"N	103°37'25.8091"W	0.34	-0.34	0.28	
11769.00	1.060	250.610	11688.72	40.44	-34.05	1077.02	760703.76	451171.72	32°14'18.0787"N	103°37'25.8214"W	0.28	0.02	15.05	
11851.00	2.700	184.290	11770.68	42.61	-36.23	1076.16	760702.90	451169.54	32°14'18.0572"N	103°37'25.8316"W	3.02	2.00	-80.88	8-3/4" BH NT MWD Surveys 11851'-12662'
11945.00	16.620	162.560	11863.13	57.75	-51.34	1080.04	760706.78	451154.43	32°14'17.9074"N	103°37'25.7875"W	15.05	14.81	-23.12	
11992.00	22.280	162.370	11907.43	72.69	-66.26	1084.76	760711.50	451139.52	32°14'17.7595"N	103°37'25.7337"W	12.04	12.04	-0.40	
12039.00	26.510	164.230	11950.23	91.32	-84.85	1090.31	760717.05	451120.92	32°14'17.5752"N	103°37'25.6705"W	9.15	9.00	3.96	
12086.00	31.520	166.620	11991.32	113.41	-106.91	1096.01	760722.75	451098.86	32°14'17.3565"N	103°37'25.6059"W	10.94	10.66	5.09	
12134.00	34.730	169.480	12031.51	139.10	-132.57	1101.41	760728.15	451073.21	32°14'17.1023"N	103°37'25.5450"W	7.44	6.69	5.96	
12181.00	36.570	169.020	12069.70	166.04	-159.48	1106.52	760733.26	451046.30	32°14'16.8357"N	103°37'25.4876"W	3.96	3.91	-0.98	
12229.00	37.910	171.010	12107.92	194.68	-188.08	1111.55	760738.29	451017.69	32°14'16.5523"N	103°37'25.4312"W	3.75	2.79	4.15	
12276.00	39.440	172.780	12144.61	223.78	-217.16	1115.68	760742.42	450988.62	32°14'16.2643"N	103°37'25.3853"W	4.02	3.26	3.77	
12324.00	43.040	175.880	12180.70	255.27	-248.64	1118.78	760745.52	450957.14	32°14'15.9527"N	103°37'25.3517"W	8.62	7.50	6.46	
12371.00	47.840	180.190	12213.68	288.72	-282.08	1119.87	760746.61	450923.70	32°14'15.6217"N	103°37'25.3415"W	12.12	10.21	9.17	
12419.00	52.840	181.390	12244.30	325.65	-319.02	1119.35	760746.09	450886.76	32°14'15.2562"N	103°37'25.3505"W	10.59	10.42	2.50	
12466.00	56.430	181.400	12271.50	363.96	-357.33	1118.42	760745.16	450848.46	32°14'14.8772"N	103°37'25.3643"W	7.64	7.64	0.02	
12513.00	60.830	180.450	12295.96	404.07	-397.44	1117.78	760744.52	450808.34	32°14'14.4803"N	103°37'25.3748"W	9.52	9.36	-2.02	
12560.00	64.370	180.000	12317.59	445.79	-439.16	1117.62	760744.35	450766.63	32°14'14.0675"N	103°37'25.3799"W	7.58	7.53	-0.96	
12607.00	67.510	181.320	12336.75	488.69	-482.07	1117.12	760743.85	450723.72	32°14'13.6430"N	103°37'25.3890"W	7.16	6.68	2.81	
12662.00	69.680	181.370	12356.82	539.87	-533.26	1115.91	760742.65	450672.53	32°14'13.1365"N	103°37'25.4070"W	3.95	3.95	0.09	
12746.00	75.890	180.180	12381.67	620.05	-613.45	1114.84	760741.58	450592.35	32°14'12.3432"N	103°37'25.4256"W	7.52	7.39	-1.42	6-3/4" BH Lucida MWD Surveys 12746'-22202'
12793.00	78.410	180.830	12392.12	665.87	-659.26	1114.44	760741.18	450546.53	32°14'11.8898"N	103°37'25.4338"W	5.53	5.36	1.38	
12887.00	82.510	180.080	12407.70	758.54	-751.94	1113.71	760740.44	450453.86	32°14'10.9728"N	103°37'25.4495"W	4.43	4.36	-0.80	
12981.00	85.880	180.340	12417.20	852.04	-845.44	1113.36	760740.10	450360.36	32°14'10.0477"N	103°37'25.4607"W	3.60	3.59	0.28	
13075.00	89.680	180.070	12420.84	945.94	-939.36	1113.03	760739.76	450266.45	32°14'9.1184"N	103°37'25.4718"W	4.05	4.04	-0.29	
13170.00	90.600	180.150	12420.61	1040.94	-1034.35	1112.84	760739.58	450171.46	32°14'8.1784"N	103°37'25.4812"W	0.97	0.97	0.08	
13264.00	90.020	180.130	12420.10	1134.93	-1128.35	1112.62	760739.35	450077.46	32°14'7.2484"N	103°37'25.4912"W	0.62	-0.62	-0.02	
13358.00	89.920	180.210	12420.15	1228.93	-1222.35	1112.34	760739.07	449983.47	32°14'6.3183"N	103°37'25.5016"W	0.14	-0.11	0.09	
13452.00	90.510	180.110	12419.80	1322.93	-1316.35	1112.07	760738.81	449889.47	32°14'5.3882"N	103°37'25.5119"W	0.64	0.63	-0.11	
13546.00	90.230	180.100	12419.19	1416.92	-1410.35	1111.90	760738.64	449795.48	32°14'4.4581"N	103°37'25.5211"W	0.30	-0.30	-0.01	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'
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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
13640.00	90.110	180.020	12418.91	1510.92	-1504.35	1111.80	760738.54	449701.48	32°14'3.5280"N	103°37'25.5295"W	0.15	-0.13	-0.09	
13734.00	90.170	179.920	12418.69	1604.92	-1598.35	1111.85	760738.59	449607.48	32°14'2.5979"N	103°37'25.5362"W	0.12	0.06	-0.11	
13828.00	90.200	180.010	12418.38	1698.91	-1692.35	1111.91	760738.65	449513.49	32°14'1.6677"N	103°37'25.5427"W	0.10	0.03	0.10	
13922.00	90.230	180.090	12418.03	1792.91	-1786.35	1111.83	760738.57	449419.49	32°14'0.7376"N	103°37'25.5509"W	0.09	0.03	0.09	
14017.00	90.230	179.980	12417.65	1887.91	-1881.35	1111.77	760738.51	449324.50	32°13'59.7976"N	103°37'25.5589"W	0.12	0.00	-0.12	
14110.00	89.980	179.950	12417.48	1980.91	-1974.34	1111.83	760738.56	449231.50	32°13'58.8774"N	103°37'25.5654"W	0.27	-0.27	-0.03	
14205.00	90.420	179.690	12417.15	2075.91	-2069.34	1112.12	760738.86	449136.51	32°13'57.9374"N	103°37'25.5692"W	0.54	0.46	-0.27	
14299.00	89.890	179.860	12416.89	2169.91	-2163.34	1112.49	760739.23	449042.51	32°13'57.0072"N	103°37'25.5722"W	0.59	-0.56	0.18	
14394.00	91.060	181.020	12416.10	2264.89	-2258.33	1111.76	760738.50	448947.52	32°13'56.0674"N	103°37'25.5880"W	1.73	1.23	1.22	
14488.00	90.110	179.900	12415.14	2358.87	-2352.32	1111.01	760737.75	448853.54	32°13'55.1374"N	103°37'25.6040"W	1.56	-1.01	-1.19	
14582.00	89.550	179.370	12415.42	2452.87	-2446.32	1111.61	760738.35	448759.54	32°13'54.2073"N	103°37'25.6042"W	0.82	-0.60	-0.56	
14676.00	85.230	179.860	12419.70	2546.75	-2540.20	1112.24	760738.98	448665.67	32°13'53.2783"N	103°37'25.6041"W	4.63	-4.60	0.52	
14770.00	88.140	178.860	12425.14	2640.58	-2634.02	1113.29	760740.03	448571.85	32°13'52.3498"N	103°37'25.5991"W	3.27	3.10	-1.06	
14864.00	89.150	179.200	12427.36	2734.55	-2727.98	1114.88	760741.62	448477.89	32°13'51.4200"N	103°37'25.5878"W	1.13	1.07	0.36	
14958.00	89.180	179.470	12428.73	2828.54	-2821.97	1115.97	760742.71	448383.91	32°13'50.4900"N	103°37'25.5823"W	0.29	0.03	0.29	
15051.00	90.660	179.480	12428.86	2921.53	-2914.96	1116.82	760743.56	448290.92	32°13'49.5698"N	103°37'25.5795"W	1.59	1.59	0.01	
15146.00	90.630	179.510	12427.79	3016.53	-3009.95	1117.66	760744.40	448195.94	32°13'48.6298"N	103°37'25.5771"W	0.04	-0.03	0.03	
15240.00	90.850	179.500	12426.58	3110.52	-3103.94	1118.47	760745.21	448101.95	32°13'47.6997"N	103°37'25.5749"W	0.23	0.23	-0.01	
15334.00	90.540	179.170	12425.44	3204.51	-3197.92	1119.56	760746.30	448007.97	32°13'46.7697"N	103°37'25.5694"W	0.48	-0.33	-0.35	
15428.00	90.690	179.930	12424.43	3298.50	-3291.91	1120.30	760747.04	447913.98	32°13'45.8396"N	103°37'25.5680"W	0.82	0.16	0.81	
15523.00	90.820	177.580	12423.18	3393.48	-3386.88	1122.37	760749.10	447819.02	32°13'44.8998"N	103°37'25.5513"W	2.48	0.14	-2.47	
15617.00	90.450	179.520	12422.13	3487.45	-3480.84	1124.74	760751.48	447725.07	32°13'43.9699"N	103°37'25.5309"W	2.10	-0.39	2.06	
15711.00	90.110	180.360	12421.67	3581.45	-3574.83	1124.84	760751.58	447631.07	32°13'43.0398"N	103°37'25.5369"W	0.96	-0.36	0.89	
15805.00	89.060	180.070	12422.35	3675.44	-3668.83	1124.49	760751.23	447537.08	32°13'42.1098"N	103°37'25.5483"W	1.16	-1.12	-0.31	
15900.00	89.030	180.180	12423.94	3770.42	-3763.82	1124.28	760751.02	447442.10	32°13'41.1699"N	103°37'25.5580"W	0.12	-0.03	0.12	
15994.00	88.970	180.010	12425.58	3864.41	-3857.80	1124.13	760750.86	447348.12	32°13'40.2399"N	103°37'25.5670"W	0.19	-0.06	-0.18	
16088.00	89.710	180.160	12426.66	3958.40	-3951.80	1123.99	760750.72	447254.13	32°13'39.3099"N	103°37'25.5759"W	0.80	0.79	0.16	
16183.00	90.230	179.880	12426.71	4053.39	-4046.79	1123.95	760750.69	447159.13	32°13'38.3699"N	103°37'25.5836"W	0.62	0.55	-0.29	
16276.00	91.590	180.040	12425.23	4146.38	-4139.78	1124.02	760750.76	447066.15	32°13'37.4498"N	103°37'25.5900"W	1.47	1.46	0.17	
16370.00	88.630	180.160	12425.05	4240.36	-4233.77	1123.85	760750.59	446972.16	32°13'36.5198"N	103°37'25.5991"W	3.15	-3.15	0.13	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
16464.00	88.970	180.220	12427.02	4334.34	-4327.75	1123.54	760750.28	446878.19	32°13'35.5899"N	103°37'25.6099"W	0.37	0.36	0.06	
16558.00	89.460	180.200	12428.31	4428.33	-4421.74	1123.20	760749.94	446784.20	32°13'34.6599"N	103°37'25.6212"W	0.52	0.52	-0.02	
16652.00	90.110	180.230	12428.66	4522.32	-4515.74	1122.85	760749.58	446690.21	32°13'33.7298"N	103°37'25.6325"W	0.69	0.69	0.03	
16746.00	89.250	179.600	12429.19	4616.32	-4609.73	1122.99	760749.72	446596.21	32°13'32.7997"N	103°37'25.6381"W	1.13	-0.91	-0.67	
16840.00	89.210	179.460	12430.45	4710.31	-4703.72	1123.76	760750.49	446502.23	32°13'31.8696"N	103°37'25.6364"W	0.15	-0.04	-0.15	
16934.00	91.090	179.400	12430.21	4804.30	-4797.71	1124.69	760751.43	446408.24	32°13'30.9396"N	103°37'25.6327"W	2.00	2.00	-0.06	
17028.00	88.970	177.740	12430.16	4898.28	-4891.68	1127.04	760753.77	446314.28	32°13'30.0097"N	103°37'25.6126"W	2.86	-2.26	-1.77	
17122.00	91.250	179.710	12429.98	4992.25	-4985.64	1129.13	760755.87	446220.32	32°13'29.0797"N	103°37'25.5955"W	3.21	2.43	2.10	
17216.00	89.920	179.010	12429.02	5086.24	-5079.63	1130.18	760756.92	446126.34	32°13'28.1497"N	103°37'25.5905"W	1.60	-1.41	-0.74	
17310.00	90.510	179.830	12428.66	5180.24	-5173.62	1131.13	760757.87	446032.35	32°13'27.2196"N	103°37'25.5867"W	1.07	0.63	0.87	
17404.00	89.830	181.090	12428.38	5274.23	-5267.62	1130.38	760757.11	445938.36	32°13'26.2895"N	103°37'25.6027"W	1.52	-0.72	1.34	
17499.00	91.060	180.110	12427.65	5369.21	-5362.60	1129.38	760756.12	445843.37	32°13'25.3497"N	103°37'25.6216"W	1.66	1.29	-1.03	
17592.00	90.480	179.420	12426.40	5462.20	-5455.59	1129.76	760756.50	445750.39	32°13'24.4295"N	103°37'25.6243"W	0.97	-0.62	-0.74	
17687.00	89.890	179.480	12426.09	5557.20	-5550.59	1130.67	760757.41	445655.39	32°13'23.4895"N	103°37'25.6209"W	0.62	-0.62	0.06	
17781.00	89.860	179.490	12426.29	5651.20	-5644.58	1131.52	760758.26	445561.40	32°13'22.5594"N	103°37'25.6183"W	0.03	-0.03	0.01	
17875.00	89.430	179.350	12426.88	5745.20	-5738.58	1132.47	760759.21	445467.41	32°13'21.6293"N	103°37'25.6145"W	0.48	-0.46	-0.15	
17970.00	89.710	179.850	12427.59	5840.19	-5833.57	1133.13	760759.87	445372.42	32°13'20.6893"N	103°37'25.6141"W	0.60	0.29	0.53	
18064.00	89.740	178.720	12428.04	5934.19	-5927.56	1134.31	760761.04	445278.43	32°13'19.7592"N	103°37'25.6076"W	1.20	0.03	-1.20	
18158.00	89.920	179.510	12428.32	6028.18	-6021.55	1135.76	760762.49	445184.45	32°13'18.8291"N	103°37'25.5980"W	0.86	0.19	0.84	
18252.00	90.230	179.640	12428.20	6122.18	-6115.55	1136.46	760763.19	445090.46	32°13'17.8989"N	103°37'25.5971"W	0.36	0.33	0.14	
18345.00	89.610	179.300	12428.33	6215.18	-6208.54	1137.32	760764.05	444997.47	32°13'16.9787"N	103°37'25.5942"W	0.76	-0.67	-0.37	
18439.00	87.920	179.260	12430.35	6309.15	-6302.51	1138.50	760765.23	444903.50	32°13'16.0488"N	103°37'25.5877"W	1.80	-1.80	-0.04	
18533.00	89.980	179.400	12432.08	6403.13	-6396.48	1139.60	760766.33	444809.53	32°13'15.1189"N	103°37'25.5821"W	2.20	2.19	0.15	
18627.00	91.710	179.850	12430.69	6497.12	-6490.47	1140.21	760766.95	444715.55	32°13'14.1889"N	103°37'25.5822"W	1.90	1.84	0.48	
18721.00	91.430	179.510	12428.11	6591.08	-6584.43	1140.74	760767.47	444621.59	32°13'13.2591"N	103°37'25.5833"W	0.47	-0.30	-0.36	
18815.00	91.930	179.650	12425.36	6685.04	-6678.39	1141.42	760768.16	444527.64	32°13'12.3293"N	103°37'25.5825"W	0.55	0.53	0.15	
18910.00	91.430	179.920	12422.57	6780.00	-6773.34	1141.78	760768.52	444432.69	32°13'11.3897"N	103°37'25.5857"W	0.60	-0.53	0.28	
19003.00	89.890	180.000	12421.50	6872.99	-6866.34	1141.85	760768.58	444339.70	32°13'10.4696"N	103°37'25.5920"W	1.66	-1.66	0.09	
19097.00	88.170	179.570	12423.09	6966.97	-6960.32	1142.20	760768.93	444245.72	32°13'9.5396"N	103°37'25.5952"W	1.89	-1.83	-0.46	
19191.00	89.310	179.590	12425.16	7060.95	-7054.29	1142.89	760769.62	444151.75	32°13'8.6097"N	103°37'25.5944"W	1.21	1.21	0.02	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
19286.00	87.830	179.620	12427.53	7155.92	-7149.26	1143.54	760770.28	444056.79	32°13'7.6700"N	103°37'25.5940"W	1.56	-1.56	0.03	
19379.00	89.680	179.820	12429.55	7248.89	-7242.23	1144.00	760770.73	443963.82	32°13'6.7500"N	103°37'25.5959"W	2.00	1.99	0.22	
19473.00	90.170	180.500	12429.67	7342.89	-7336.23	1143.73	760770.47	443869.82	32°13'5.8199"N	103°37'25.6062"W	0.89	0.52	0.72	
19567.00	89.430	179.800	12430.00	7436.88	-7430.23	1143.49	760770.22	443775.83	32°13'4.8898"N	103°37'25.6163"W	1.08	-0.79	-0.74	
19662.00	89.400	179.300	12430.97	7531.88	-7525.22	1144.23	760770.97	443680.84	32°13'3.9498"N	103°37'25.6149"W	0.53	-0.03	-0.53	
19756.00	90.050	179.670	12431.42	7625.87	-7619.21	1145.08	760771.81	443586.85	32°13'3.0197"N	103°37'25.6123"W	0.80	0.69	0.39	
19850.00	89.460	179.550	12431.83	7719.87	-7713.21	1145.72	760772.45	443492.86	32°13'2.0896"N	103°37'25.6121"W	0.64	-0.63	-0.13	
19944.00	87.670	179.790	12434.18	7813.84	-7807.17	1146.26	760773.00	443398.90	32°13'1.1597"N	103°37'25.6130"W	1.92	-1.90	0.26	
20038.00	89.830	179.980	12436.23	7907.81	-7901.15	1146.45	760773.18	443304.93	32°13'0.2299"N	103°37'25.6180"W	2.31	2.30	0.20	
20132.00	89.370	178.730	12436.89	8001.80	-7995.14	1147.51	760774.24	443210.94	32°12'59.2998"N	103°37'25.6129"W	1.42	-0.49	-1.33	
20226.00	89.920	179.500	12437.47	8095.80	-8089.12	1148.96	760775.69	443116.96	32°12'58.3697"N	103°37'25.6032"W	1.01	0.59	0.82	
20320.00	90.260	179.810	12437.32	8189.80	-8183.12	1149.52	760776.26	443022.96	32°12'57.4396"N	103°37'25.6039"W	0.49	0.36	0.33	
20415.00	89.830	179.660	12437.25	8284.80	-8278.12	1149.96	760776.70	442927.97	32°12'56.4995"N	103°37'25.6061"W	0.48	-0.45	-0.16	
20509.00	90.080	179.700	12437.32	8378.80	-8372.12	1150.49	760777.22	442833.97	32°12'55.5694"N	103°37'25.6072"W	0.27	0.27	0.04	
20603.00	93.070	180.410	12434.74	8472.75	-8466.07	1150.40	760777.13	442740.03	32°12'54.6397"N	103°37'25.6154"W	3.27	3.18	0.76	
20697.00	90.820	181.680	12431.55	8566.66	-8559.99	1148.68	760775.42	442646.11	32°12'53.7105"N	103°37'25.6426"W	2.75	-2.39	1.35	
20791.00	88.470	178.390	12432.13	8660.63	-8653.97	1148.63	760775.36	442552.13	32°12'52.7806"N	103°37'25.6505"W	4.30	-2.50	-3.50	
20885.00	89.030	179.470	12434.18	8754.60	-8747.93	1150.38	760777.12	442458.18	32°12'51.8508"N	103°37'25.6373"W	1.29	0.60	1.15	
20980.00	90.290	180.390	12434.74	8849.60	-8842.92	1150.50	760777.23	442363.18	32°12'50.9108"N	103°37'25.6432"W	1.64	1.33	0.97	
21074.00	91.460	181.180	12433.31	8943.56	-8936.90	1149.21	760775.95	442269.21	32°12'49.9810"N	103°37'25.6654"W	1.50	1.24	0.84	
21168.00	89.400	179.090	12432.60	9037.55	-9030.89	1148.99	760775.72	442175.23	32°12'49.0510"N	103°37'25.6752"W	3.12	-2.19	-2.22	
21263.00	89.280	179.410	12433.70	9132.54	-9125.88	1150.23	760776.97	442080.24	32°12'48.1110"N	103°37'25.6681"W	0.36	-0.13	0.34	
21357.00	90.850	179.300	12433.59	9226.54	-9219.87	1151.29	760778.03	441986.26	32°12'47.1809"N	103°37'25.6630"W	1.67	1.67	-0.12	
21451.00	91.530	179.400	12431.64	9320.51	-9313.84	1152.36	760779.09	441892.29	32°12'46.2510"N	103°37'25.6578"W	0.73	0.72	0.11	
21545.00	92.020	179.410	12428.73	9414.47	-9407.79	1153.33	760780.07	441798.34	32°12'45.3213"N	103°37'25.6536"W	0.52	0.52	0.01	
21638.00	91.930	178.920	12425.52	9507.41	-9500.72	1154.69	760781.42	441705.41	32°12'44.4016"N	103°37'25.6450"W	0.54	-0.10	-0.53	
21732.00	92.050	179.140	12422.26	9601.35	-9594.65	1156.28	760783.01	441611.48	32°12'43.4721"N	103°37'25.6337"W	0.27	0.13	0.23	
21826.00	90.630	178.390	12420.06	9695.31	-9688.60	1158.30	760785.04	441517.54	32°12'42.5423"N	103°37'25.6174"W	1.71	-1.51	-0.80	
21920.00	89.980	179.340	12419.56	9789.29	-9782.58	1160.16	760786.90	441423.56	32°12'41.6123"N	103°37'25.6029"W	1.22	-0.69	1.01	
22014.00	90.820	179.140	12418.90	9883.29	-9876.57	1161.41	760788.15	441329.58	32°12'40.6822"N	103°37'25.5956"W	0.92	0.89	-0.21	



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH DATA (243 stations) † = interpolated, ‡ = extrapolated station														
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
22108.00	90.290	179.140	12417.99	9977.28	-9970.55	1162.82	760789.56	441235.60	32°12'39.7521"N	103°37'25.5864"W	0.56	-0.56	0.00	
22202.00	89.400	177.910	12418.25	10071.26	-10064.52	1165.24	760791.98	441141.64	32°12'38.8222"N	103°37'25.5655"W	1.62	-0.95	-1.31	Last BH MWD Survey: 22202ft MD (130' FSL & 1224' FEL)
22232.00†	89.400	177.910	12418.56	10101.24	-10094.50	1166.34	760793.07	441111.66	32°12'38.5255"N	103°37'25.5551"W	0.00	0.00	0.00	Projection to TD: 22232ft MD (100' FSL & 1223' FEL)

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Dos Equis 12-13 Federal Com 5H LP/FTP	12420.00	8.11	1099.77	760726.51	451213.88	32°14'18.4944"N	103°37'25.5533"W	point
Dos Equis 12-13 Federal Com 5H LTP/PBHL	12420.00	-10094.95	1159.85	760786.58	441111.20	32°12'38.5214"N	103°37'25.6306"W	point

WELLPATH COMPOSITION - Ref Wellbore: Dos Equis 12-13 Federal Com 5H AWB Ref Wellpath: Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.00	1143.00	OWSG MWD rev2+IFR1+MS	14 3/4" Trueshot MWD Surveys 218'-1143'	Dos Equis 12-13 Federal Com 5H AWB	02/Nov/2020
1143.00	11769.00	OWSG MWD rev2+IFR1+MS	9 7/8" Trueshot MWD Surveys 1175'-11769'	Dos Equis 12-13 Federal Com 5H AWB	19/Nov/2020
11769.00	12662.00	OWSG MWD rev2+IFR1+MS	8-3/4" BH NT MWD Surveys 11851'-12662'	Dos Equis 12-13 Federal Com 5H AWB	25/Nov/2020
12662.00	22232.00	OWSG MWD rev2+IFR1+MS	6-3/4" BH Lucida MWD Surveys 12746'-22202'	Dos Equis 12-13 Federal Com 5H AWB	20/Dec/2020



Actual Wellpath Report

Dos Equis 12-13 Federal Com 5H_awp 218'-22202' Proj: 22232'
Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Well	Dos Equis 12-13 Federal Com 5H
Field	WC-025-G-08 S243413C: Wolfcamp, Lea County, NM (NAD-83)	API	30-025-46320-00
Facility	Dos Equis 12-13 Federal Com	Wellbore	Dos Equis 12-13 Federal Com 5H AWB
Slot	Dos Equis 12-13 Federal Com 5H		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
218.00	1.160	117.200	217.99	14-3/4" Trueshot MWD Surveys 218'-1143'
1175.00	1.020	130.790	1174.84	9-7/8" Trueshot MWD Surveys 1175'-11769'
11851.00	2.700	184.290	11770.68	8-3/4" BH NT MWD Surveys 11851'-12662'
12746.00	75.890	180.180	12381.67	6-3/4" BH Lucida MWD Surveys 12746'-22202'
22202.00	89.400	177.910	12418.25	Last BH MWD Survey: 22202ft MD (130' FSL & 1224' FEL)
22232.00	89.400	177.910	12418.56	Projection to TD: 22232ft MD (100' FSL & 1223' FEL)

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

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										
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 Dos Equis 12-13 Federal Com		
								6. Well Number: 5H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Cimarex Energy Company						9. OGRID 215099				
10. Address of Operator 600 N. Marienfeld St., Suite 600 Midland, TX 79701						11. Pool name or Wildcat WC-025 G-08 S243213C; Wolfcamp 98309				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	12	24S	32E		360	North	2330	East	Lea
BH:	P	13	24S	32E		100	South	1224	East	Lea
13. Date Spudded 11/02/20	14. Date T.D. Reached 12/27/20		15. Date Rig Released 1/03/21			16. Date Completed (Ready to Produce) 5/27/21		17. Elevations (DF and RKB, RT, GR, etc.) 3604		
18. Total Measured Depth of Well 22,232			19. Plug Back Measured Depth 22,201			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 12,667 - 22,176										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4		40.5#		1247		14-3/4		Total 879sx		
7-5/8		29.7#		12,706		9-7/8, 8-3/4		Total 2548sx		
5		18#		22,216		6-3/4		Total 1153sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2-7/8	11074			
26. Perforation record (interval, size, and number) 12,667 - 22,176 1260 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,667 - 22,176		17,931,169 gals Slick water		
								22,842,149# 100 Mesh sand		
28. PRODUCTION										
Date First Production 5/21/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Gas Lift				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 6/20/2021	Hours Tested 24hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 5270	Gas - MCF 6481	Water - Bbl. 3092	Gas - Oil Ratio 1229			
Flow Tubing Press.	Casing Pressure 2357	Calculated 24-Hour Rate	Oil - Bbl. 5270	Gas - MCF 6481	Water - Bbl. 3092	Oil Gravity - API - (<i>Corr.</i>) 47.2				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By Josh Jones		
31. List Attachments C-105, C-102, Additional points required, 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 Printed Signature  Name Kanicia Schlichting Title Regulatory Analyst Date 1/27/21 E-mail Address kschlichting@cimarex.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	
T. Rustler 1163	T. Lamar 4909	T. Ojo Alamo	T. Penn A"
T. Salt 1545	T. Bell Canyon 4947	T. Kirtland	T. Penn. "B"
B. Salt 4674	T. Cherry Canyon 5874	T. Fruitland	T. Penn. "C"
T. Yates	T. Brushy Canyon 7311	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Top Bone Spring 8878	T. Cliff House	T. Leadville
T. Queen	T. Avalon 9353	T. Menefee	T. Madison
T. Grayburg	T. 1st Bone Spring Sand 9983	T. Point Lookout	T. Elbert
T. San Andres	T. 2nd Bone Spring Carb 10,406	T. Mancos	T. McCracken
T. Glorieta	T. 2nd Bone Spring Sand 10,622	T. Gallup	T. Ignacio Otzte
T. Paddock	T. 3rd Bone Spring Carb 11,087	Base Greenhorn	T. Granite
T. Blinebry	T. 3rd Bone Spring Sand 11,957	T. Dakota	
T. Tubb	T. Wolfcamp 12,479	T. Morrison	
T. Drinkard	T.	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	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

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

ACKNOWLEDGMENTS

Action 100556

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 100556
	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
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District IV
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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 100556

CONDITIONS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 100556
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	5/26/2022