

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Company of Colorado 600 N Marienfeld St, Suite 600 Midland, TX 79701		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date NW - 07/21/22
⁴ API Number 30 - 025-49108	⁵ Pool Name WC-025 G-09 S243336I;UPPER WOLFCAMP	⁶ Pool Code 98092
⁷ Property Code 300545	⁸ Property Name RED HILLS UNIT	⁹ Well Number 99H

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	33	25S	33E		455	North	2230	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
O	4	26S	33E		100	South	1381	East	Lea
¹² Lse Code Fed	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 7/21/22	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
320009	Enlink Midstream Operating LP	Gas
267255	Energy Transfer Partners, LP	Oil

IV. Well Completion Data

²¹ Spud Date 12/16/2021	²² Ready Date 7/21/22	²³ TD 22,088	²⁴ PBTD 22073	²⁵ Perforations 12415 - 22043	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14-3/4		10-3/4	1025		800
9-7/8		7-5/8	12563		2303
6-3/4		5-1/2 5	11743 22077		1151
		**REQUESTING	TBG EXCEPTION AT THIS POINT		

V. Well Test Data

³¹ Date New Oil 7/21/22	³² Gas Delivery Date 7/21/22	³³ Test Date 7/29/22	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 4286
³⁷ Choke Size	³⁸ Oil 1817	³⁹ Water 7466	⁴⁰ Gas 3232		⁴¹ Test Method FLOWING
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: Sarah Jordan			OIL CONSERVATION DIVISION		
Printed name: Sarah Jordan			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: sarah.jordan@coterra.com			Approval Date:		
Date: 8/10/22		Phone: 432/620-1909			

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

☐ AMENDED REPORT

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- As-Drilled well head has not been field verified.
- Well Bore data provided by Cimarex Energy, Co.



Cimarex Red Hills Unit #99H MWD Corrected to 22088ft MD Survey Geodetic Report (Def Survey)



Report Date: June 13, 2022 - 11:32 AM
Client: Cimarex
Field: NM Lea County (NAD 83)
Structure / Slot: Cimarex Red Hills Unit #99H / New Slot
Well: Red Hills Unit #99H
Borehole: Red Hills Unit #99H
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Red Hills Unit #99H MWD Corrected to 22088ft MD
Survey Date: February 21, 2022
Tort / AHD / DDI / ERD Ratio: 295.049 ° / 10954.939 ft / 6.763 / 0.890
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 5' 34.92970", W 103° 34' 33.42805"
Location Grid N/E Y/X: N 398406.960 N/E, E 775882.220 N/S
CRS Grid Convergence Angle: 0.4024 °
Grid Scale Factor: 0.9999721
Version / Patch: 2.10.829.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 179.530 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB=22ft (Unit 411)
TVD Reference Elevation: 3374.800 ft above MSL
Seabed / Ground Elevation: 3352.800 ft above MSL
Magnetic Declination: 6.339 °
Total Gravity Field Strength: 998.4365mgm (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47479.369 nT
Magnetic Dip Angle: 59.667 °
Declination Date: February 21, 2022
Magnetic Declination Model: HDGM 2022
North Reference: Grid North
Grid Convergence Used: 0.4024 °
Total Corr Mag North->Grid North: 5.9365 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S °)	Longitude (E/W °)	Closure (ft)	Closure Azimuth (°)
SHL [455' FNL, 2230' FEL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	398406.96	775882.22	N 32.093036	W 103.575952	0.00	0.00
	216.00	1.62	195.20	215.97	2.94	-2.95	-0.80	0.75	398404.01	775881.42	N 32.093028	W 103.575955	3.05	195.20
	315.00	1.71	194.95	314.93	5.71	-5.72	-1.55	0.09	398401.24	775880.67	N 32.093020	W 103.575957	5.93	195.14
	405.00	1.77	132.88	404.90	7.96	-7.97	-0.88	1.99	398398.99	775881.34	N 32.093014	W 103.575955	8.02	186.28
	496.00	1.82	202.55	495.86	10.26	-10.26	-0.40	2.25	398396.70	775881.82	N 32.093008	W 103.575954	10.27	182.24
	587.00	1.37	180.66	586.83	12.67	-12.68	-0.97	0.82	398394.28	775881.25	N 32.093001	W 103.575956	12.72	184.36
	768.00	1.54	183.90	767.77	17.26	-17.27	-1.16	0.10	398389.69	775881.06	N 32.092989	W 103.575956	17.31	183.83
	859.00	2.37	128.86	858.72	19.67	-19.67	0.22	2.14	398387.29	775882.44	N 32.092982	W 103.575952	19.67	179.35
	982.00	2.32	130.22	981.62	22.91	-22.88	4.11	0.06	398384.09	775886.33	N 32.092973	W 103.575939	23.24	169.82
	1135.00	0.97	55.55	1134.56	24.20	-24.14	7.54	1.48	398382.82	775889.76	N 32.092970	W 103.575928	25.29	162.66
	1229.00	1.13	44.58	1228.55	23.10	-23.03	8.85	0.27	398383.93	775891.07	N 32.092973	W 103.575924	24.67	158.99
	1324.00	1.11	43.60	1323.53	21.78	-21.70	10.14	0.03	398385.26	775892.36	N 32.092976	W 103.575920	23.95	154.96
	1418.00	1.18	49.64	1417.51	20.51	-20.41	11.50	0.15	398386.55	775893.72	N 32.092980	W 103.575916	23.43	150.60
	1513.00	1.24	52.67	1512.49	19.26	-19.16	13.07	0.09	398387.81	775895.29	N 32.092983	W 103.575910	23.19	145.70
	1701.00	1.11	37.43	1700.45	16.60	-16.48	15.79	0.18	398390.48	775898.01	N 32.092990	W 103.575902	22.82	136.22
	1796.00	1.07	35.56	1795.43	15.16	-15.02	16.86	0.06	398391.94	775899.08	N 32.092994	W 103.575898	22.59	131.70
	1890.00	1.13	40.13	1889.42	13.75	-13.60	17.97	0.11	398393.36	775900.19	N 32.092988	W 103.575895	22.54	127.12
	1985.00	1.24	39.97	1984.40	12.25	-12.10	19.24	0.12	398394.86	775901.46	N 32.093002	W 103.575890	22.72	122.16
	2079.00	1.33	31.11	2078.37	10.55	-10.38	20.45	0.23	398396.58	775902.67	N 32.093007	W 103.575886	22.94	116.91
	2174.00	1.40	22.29	2173.35	8.54	-8.37	21.46	0.23	398398.59	775903.68	N 32.093013	W 103.575883	23.04	111.29
	2268.00	1.56	22.27	2267.31	6.30	-6.12	22.38	0.17	398400.84	775904.60	N 32.093019	W 103.575880	23.21	105.29
	2362.00	1.70	22.88	2361.28	3.84	-3.65	23.41	0.15	398403.31	775905.63	N 32.093026	W 103.575877	23.69	98.86
	2457.00	1.87	24.88	2456.23	1.15	-0.95	24.61	0.19	398406.01	775906.83	N 32.093033	W 103.575873	24.63	92.20
	2551.00	1.83	27.82	2550.18	-1.56	-1.77	25.96	0.11	398408.73	775908.18	N 32.093040	W 103.575868	26.02	86.09
	2645.00	3.34	66.62	2644.09	-3.95	4.19	29.17	2.37	398411.15	775911.39	N 32.093047	W 103.575858	29.47	81.83
	2740.00	5.54	82.62	2738.80	-5.58	5.87	36.26	2.64	398412.83	775918.48	N 32.093051	W 103.575835	36.73	80.80
	2834.00	7.73	89.49	2832.17	-6.13	6.51	47.08	2.47	398413.47	775929.30	N 32.093053	W 103.575890	47.53	82.12
	2929.00	9.48	88.17	2926.10	-6.32	6.82	61.29	1.85	398413.78	775943.51	N 32.093054	W 103.575754	61.67	83.65
	3024.00	9.75	87.88	3019.76	-6.73	7.37	77.15	0.29	398414.33	775959.37	N 32.093055	W 103.575703	77.50	84.54
	3118.00	10.42	86.73	3112.31	-7.38	8.15	93.59	0.74	398415.11	775975.81	N 32.093057	W 103.575650	93.95	85.02
	3213.00	9.38	91.15	3205.89	-7.58	8.48	109.91	1.36	398415.44	775992.13	N 32.093057	W 103.575597	110.24	85.59
	3308.00	8.59	92.61	3299.73	-6.98	8.00	124.74	0.87	398414.96	776006.95	N 32.093056	W 103.575549	124.99	86.33
	3402.00	8.87	92.22	3392.64	-6.26	7.40	138.99	0.30	398414.36	776021.21	N 32.093054	W 103.575503	139.19	86.95
	3497.00	8.60	92.89	3486.54	-5.50	6.76	153.40	0.30	398413.72	776035.62	N 32.093052	W 103.575457	153.55	87.48
	3591.00	8.43	94.43	3579.50	-4.50	5.87	167.29	0.30	398412.83	776049.51	N 32.093049	W 103.575412	167.40	87.99
	3686.00	8.21	92.66	3673.50	-3.54	5.02	181.01	0.36	398411.98	776063.23	N 32.093046	W 103.575368	181.08	88.41
	3785.00	7.87	96.12	3860.65	-3.57	5.27	207.40	0.52	398412.23	776089.62	N 32.093047	W 103.575282	207.47	88.54
	3970.00	7.36	83.11	3954.81	-4.64	6.44	219.93	0.68	398413.40	776102.15	N 32.093049	W 103.575242	220.03	88.32
	4065.00	7.61	83.47	4049.00	-5.98	7.89	232.22	0.27	398414.85	776114.44	N 32.093053	W 103.575202	232.36	88.05
	4159.00	7.63	84.40	4142.17	-7.20	9.20	244.62	0.13	398416.16	776126.83	N 32.093057	W 103.575162	244.79	87.85
	4254.00	7.95	85.11	4236.29	-8.27	10.38	257.44	0.35	398417.34	776139.65	N 32.093060	W 103.575121	257.65	87.69
	4349.00	7.84	87.86	4330.39	-8.96	11.18	270.46	0.41	398418.14	776152.67	N 32.093062	W 103.575079	270.69	87.63
	4444.00	7.50	87.12	4424.54	-9.41	11.73	283.13	0.37	398418.69	776165.34	N 32.093063	W 103.575038	283.37	87.63
	4538.00	9.70	92.11	4517.48	-9.31	11.75	297.17	2.47	398418.71	776179.38	N 32.093063	W 103.574992	297.40	87.74
	4633.00	10.91	98.30	4610.95	-7.58	10.16	314.06	1.72	398417.12	776196.28	N 32.093058	W 103.574938	314.23	88.15
	4728.00	10.14	99.17	4704.35	-4.81	7.53	331.22	0.83	398414.49	776213.43	N 32.093050	W 103.574883	331.30	88.70
	4822.00	8.79	98.15	4797.07	-2.35	5.19	346.50	1.45	398412.15	776228.71	N 32.093044	W 103.574833	346.53	89.14
	4917.00	7.81	95.87	4891.07	-0.55	3.50	360.10	1.09	398410.46	776242.31	N 32.093039	W 103.574789	360.12	89.44
	5012.00	7.85	96.47	4885.19	0.97	2.09	372.97	0.12	398409.05	776255.18	N 32.093035	W 103.574748	372.97	89.68
	5107.00	8.05	97.99	5079.27	2.76	0.41	386.00	0.29	398407.37	776268.21	N 32.093030	W 103.574706	386.00	89.94
	5201.00	8.19	95.62	5172.33	4.43	-1.16	399.18	0.39	398405.80	776281.39	N 32.093025	W 103.574663	399.18	90.17
	5296.00	9.04	95.20	5266.26	5.89	-2.50	413.35	0.90	398404.46	776295.55	N 32.093021	W 103.574618	413.35	90.35
	5390.00	9.28	95.09	5359.06	7.35	-3.84	428.25	0.26	398403.12	776310.46	N 32.093017	W 103.574570	428.27	90.51
	5485.00	9.37	94.57	5452.80	9.78	-5.14	443.59	0.13	398401.82	776325.79	N 32.093013	W 103.574520	443.62	90.66
	5580.00	9.15	93.02	5546.57	8.91	-6.15	458.84	0.35	398400.81	776341.05	N 32.093010	W 103.574471	458.88	90.77
	5674.00	9.39	92.63	5639.24	10.78	-6.90	473.96	0.26	398400.06	776356.17	N 32.093006	W 103.574422	474.01	90.83
	5769.00	9.68	91.26	5733.03	11.44	-7.43	489.69	0.39	398399.53	776371.90	N 32.093006	W 103.574371	489.75	90.87
	5863.00	9.38	91.45	5825.73	11.94	-7.80	505.25	0.32	398399.16	776387.45	N 32.093005	W 103.574321	505.31	90.88
	5958.00	9.50	92.13	5919.44	12.56	-8.28	520.82	0.17	398398.68	776403.03	N 32.093003	W 103.574271	520.89	90.91
	6053.00	8.87	88.95	6013.22	12.84	-8.44	535.98	0.85	398398.52	776418.18	N 32.093002	W 103.574222	536.05	90.90
	6147.00	8.79	88.47	6106.11	12.63	-8.12	550.41	0.12	398398.84	776432.61	N 32.093003	W 103.574175	550.47	90.84
	6242.00	9.03	87.03	6199.96	12.17	-7.54	565.11	0.34	398399.42	776447.31	N 32.093004	W 103.574128	565.16	90.76
	6336.00	8.91	85.57	6292.81	11.35	-6.59	579.73	0.27	398400.37	776461.93	N 32.093007	W 103.574081	579.77	90.65
	6431.00	9.11	85.08	6386.64	10.25	-5.38	594.56	0.23	398401.58	776476.76	N 32.093010	W 103.574033	594.58	90.52
	6525.00	9.29	85.24	6479.43	9.11	-4.11	609.53	0.19	398402.85	776491.74	N 32.093013	W 103.573984	609.55	90.39
	6620.00	9.71	85.68	6573.13	8.00	-2.87	625.16							

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S °)	Longitude (E/W °)	Closure (ft)	Closure Azimuth (°)
	9176.00	0.36	215.87	9113.20	5.69	1.23	843.25	0.13	398408.19	776725.44	N 32.093023	W 103.573230	843.25	89.92
	9270.00	0.20	348.75	9207.20	5.76	1.15	843.04	0.55	398408.11	776725.24	N 32.093023	W 103.573230	843.04	89.92
	9360.00	0.26	301.37	9297.19	5.50	1.41	842.84	0.21	398408.37	776725.03	N 32.093023	W 103.573231	842.84	89.90
	9454.00	0.64	226.50	9391.19	5.75	1.16	842.27	0.66	398408.12	776724.47	N 32.093023	W 103.573232	842.27	89.92
	9547.00	0.99	282.46	9484.18	5.92	0.98	841.11	0.89	398407.94	776723.31	N 32.093022	W 103.573236	841.11	89.93
	9641.00	1.15	290.69	9578.17	5.40	1.49	839.44	0.24	398408.45	776721.63	N 32.093024	W 103.573242	839.44	89.90
	9734.00	1.59	285.12	9671.14	4.71	2.15	837.32	0.49	398409.11	776719.51	N 32.093026	W 103.573249	837.32	89.85
	9828.00	1.34	286.72	9765.11	4.04	2.81	835.01	0.27	398409.77	776717.20	N 32.093028	W 103.573256	835.01	89.81
	9921.00	0.95	263.47	9858.09	3.80	3.04	833.20	0.64	398410.00	776715.39	N 32.093028	W 103.573262	833.20	89.79
	10107.00	1.06	252.11	10044.06	4.48	2.33	830.03	0.12	398409.29	776712.22	N 32.093026	W 103.573272	830.03	89.84
	10200.00	1.25	249.86	10137.04	5.08	1.72	828.26	0.21	398408.68	776710.45	N 32.093025	W 103.573278	828.26	89.88
	10294.00	2.14	245.79	10231.00	6.13	0.65	825.69	0.95	398407.61	776707.89	N 32.093022	W 103.573286	825.70	89.96
	10388.00	1.80	235.96	10324.95	7.65	-0.90	822.87	0.51	398406.06	776705.07	N 32.093018	W 103.573295	822.87	90.06
	10481.00	1.74	226.86	10417.90	9.42	-2.68	820.63	0.31	398404.28	776702.83	N 32.093013	W 103.573303	820.63	90.19
	10575.00	1.68	208.46	10511.86	11.59	-4.87	818.93	0.59	398402.09	776701.13	N 32.093007	W 103.573308	818.95	90.34
	10669.00	1.65	204.89	10605.82	14.02	-7.31	817.71	0.11	398399.65	776699.90	N 32.093000	W 103.573312	817.74	90.51
	10763.00	1.66	206.86	10699.78	16.45	-9.75	816.52	0.06	398397.21	776698.72	N 32.092993	W 103.573316	816.58	90.68
	10856.00	1.47	211.06	10792.75	18.66	-11.98	815.30	0.24	398394.98	776697.49	N 32.092987	W 103.573320	815.39	90.84
	11044.00	1.05	271.92	10980.71	20.65	-13.98	812.33	0.71	398392.98	776694.53	N 32.092982	W 103.573330	812.45	90.99
	11137.00	0.57	266.36	11073.70	20.64	-13.98	811.02	0.52	398392.98	776693.21	N 32.092982	W 103.573334	811.14	90.99
	11324.00	1.02	299.78	11260.68	19.85	-13.22	808.65	0.34	398393.74	776690.84	N 32.092984	W 103.573342	808.75	90.94
	11418.00	1.47	294.69	11354.66	18.92	-12.30	806.82	0.49	398394.66	776689.02	N 32.092987	W 103.573347	806.92	90.87
	11512.00	1.64	301.51	11448.63	17.69	-11.09	804.58	0.79	398395.87	776686.78	N 32.092985	W 103.573355	804.97	90.79
	11605.00	2.23	309.15	11541.57	15.83	-9.25	802.04	0.69	398397.06	776684.24	N 32.092985	W 103.573363	802.10	90.66
	11697.00	2.61	313.87	11633.49	13.23	-6.67	799.15	0.47	398400.29	776681.34	N 32.093002	W 103.573372	799.17	90.48
First SLB Survey	11760.00	1.99	309.40	11696.44	11.52	-4.98	797.27	1.02	398401.98	776679.46	N 32.093007	W 103.573378	797.28	90.36
KOP	11778.11	0.84	187.39	11714.55	11.45	-4.91	797.01	13.99	398402.05	776679.20	N 32.093007	W 103.573379	797.02	90.35
	11807.00	4.70	152.45	11743.40	12.72	-6.17	797.53	13.99	398400.79	776679.72	N 32.093004	W 103.573377	797.55	90.44
	11854.00	12.04	146.84	11789.87	18.56	-11.99	801.10	15.69	398394.97	776683.30	N 32.092988	W 103.573366	801.19	90.86
	11899.00	18.36	148.69	11833.27	28.61	-21.99	807.36	14.08	398384.97	776689.56	N 32.092960	W 103.573346	807.66	91.56
	11947.00	22.27	149.55	11878.28	42.98	-36.29	815.90	8.17	398370.67	776698.10	N 32.092920	W 103.573319	816.71	92.55
	11992.00	27.20	151.24	11919.14	57.67	-52.81	824.72	11.73	398354.06	776706.92	N 32.092854	W 103.573291	824.97	93.67
	12041.00	32.32	157.24	11961.66	81.92	-75.07	834.69	10.92	398331.07	776712.35	N 32.092814	W 103.573259	834.69	95.14
	12088.00	36.06	165.29	12000.55	106.97	-100.06	843.07	12.47	398306.90	776725.27	N 32.092745	W 103.573232	848.99	96.77
	12135.00	39.16	174.91	12037.81	135.20	-128.25	847.91	14.11	398278.71	776730.10	N 32.092667	W 103.573217	857.55	98.60
	12181.00	43.94	180.66	12072.24	165.67	-158.71	849.01	13.29	398248.26	776731.21	N 32.092583	W 103.573215	863.72	100.59
	12228.00	46.21	182.19	12105.43	198.92	-191.97	848.18	5.35	398215.00	776730.37	N 32.092492	W 103.573218	869.63	102.75
	12275.00	49.98	183.41	12136.82	233.84	-226.90	846.46	8.25	398180.07	776728.65	N 32.092396	W 103.573224	876.34	105.01
	12322.00	55.35	183.23	12165.31	271.11	-264.19	844.29	11.43	398142.77	776726.49	N 32.092294	W 103.573232	884.67	107.38
	12369.00	58.18	183.20	12191.07	310.34	-303.44	842.09	6.02	398103.53	776724.29	N 32.092186	W 103.573240	895.09	109.82
	12415.00	61.27	181.39	12214.26	350.01	-343.13	840.51	7.53	398063.84	776722.70	N 32.092077	W 103.573246	907.85	112.21
	12462.00	64.02	178.46	12235.12	392.10	-385.22	839.84	10.26	398021.75	776722.03	N 32.091911	W 103.573249	923.97	114.64
	12522.00	70.36	178.90	12257.41	447.79	-440.91	840.16	7.63	397966.06	776722.35	N 32.091808	W 103.573250	948.83	117.69
	12606.00	78.71	180.05	12279.79	526.68	-521.80	840.88	10.03	397885.18	776723.08	N 32.091586	W 103.573249	989.62	121.82
	12700.00	82.89	182.08	12294.81	621.41	-614.54	839.15	4.93	397792.43	776721.35	N 32.091331	W 103.573257	1040.11	126.22
	12795.00	87.47	182.53	12302.79	715.94	-709.11	835.34	4.84	397697.87	776717.54	N 32.091071	W 103.573271	1095.73	130.33
	12889.00	89.81	182.36	12305.02	809.78	-802.99	831.33	2.50	397604.00	776713.53	N 32.090813	W 103.573286	1155.81	134.01
	12984.00	89.89	182.64	12305.27	904.65	-897.90	827.19	0.31	397509.09	776709.39	N 32.090552	W 103.573302	1220.85	137.35
	13079.00	88.90	182.18	12306.28	999.53	-992.81	823.20	1.15	397414.18	776705.39	N 32.090291	W 103.573317	1289.70	140.34
	13173.00	89.78	180.43	12307.36	1093.47	-1086.77	821.06	2.08	397320.22	776703.25	N 32.090033	W 103.573326	1362.06	142.93
	13267.00	89.58	179.34	12307.88	1187.47	-1180.77	821.24	1.18	397226.23	776703.44	N 32.089975	W 103.573327	1438.28	145.18
	13362.00	89.58	179.35	12308.65	1282.46	-1275.76	822.33	0.06	397135.24	776703.53	N 32.089954	W 103.573326	1517.82	147.19
	13457.00	89.48	179.18	12309.49	1377.46	-1370.75	823.55	0.18	397036.25	776705.74	N 32.089825	W 103.573322	1599.12	149.00
	13551.00	89.13	179.20	12310.63	1471.45	-1464.73	824.88	0.37	396942.27	776707.07	N 32.089894	W 103.573322	1681.03	150.61
	13646.00	89.45	179.12	12311.81	1566.44	-1559.71	826.27	0.35	396847.29	776708.47	N 32.088733	W 103.573320	1765.06	152.09
	13741.00	90.81	179.51	12311.59	1661.44	-1654.70	827.41	1.49	396752.31	776709.60	N 32.088472	W 103.573318	1850.04	153.43
	13835.00	90.52	179.37	12310.50	1755.43	-1748.69	828.32	0.34	396658.32	776710.52	N 32.088213	W 103.573318	1934.95	154.65
	13930.00	90.49	179.36	12309.66	1850.42	-1843.68	829.38	0.03	396563.33	776711.57	N 32.087952	W 103.573316	2021.64	155.78
	14025.00	90.52	179.42	12308.83	1945.42	-1938.67	830.39	0.07	396468.34	776712.58	N 32.087691	W 103.573315	2109.03	156.81
	14119.00	91.67	179.52	12307.03	2039.40	-2032.65	831.26	1.23	396374.37	776713.43	N 32.087433	W 103.573315	2196.06	157.76
	14214.00	90.15	179.75	12305.52	2134.39	-2127.63	831.86	1.62	396279.39	776714.06	N 32.087172	W 103.573315	2284.47	158.65
	14309.00	90.44	179.71	12305.03	2229.38	-2222.63	832.31	0.31	396184.39	776714.51	N 32.086914	W 103.573315	2373.36	159.47
	14403.00	90.57	179.50	12304.20	2323.38	-2316.63	832.96	0.26	396090.40	776715.25	N 32.086652	W 103.573312	2461.22	160.22
	14498.00	90.85	178.73	12303.03	2418.37	-2411.61	834.43	0.86	395995.43	776716.62	N 32.086391	W 103.573313	2551.88	160.91
	14593.00	89.52	179.79	12302.72	2513.37	-2506.60	835.65	1.79	395900.44	776717.85	N 32.086130	W 103.573311	2642.22	161.56
	14688.00	89.99	181.30	12303.13	2608.35	-2601.59	834.75	1.66	395805.45	776716.94	N 32.085869	W 103.573316	2732.23	162.21
	14782.00	89.67	183.10	12303.41	2702.24	-2695.51	831.14	1.94	395711.53	776713.34	N 32.085611	W 103.573330	2820.74	162.86
	14877.00	90.15	182.23	12303.56	2797.10	-2790.41	826.72	1.05	395616.63	776708.92	N 32.085350	W		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S °)	Longitude (E/W °)	Closure (ft)	Closure Azimuth (°)
	19706.00	90.02	177.79	12309.09	7622.23	-7615.25	882.14	0.70	390791.94	776764.33	N 32.072087	W 103.573277	7666.17	173.39
	19801.00	90.05	177.47	12309.04	7717.18	-7710.17	886.07	0.34	390697.02	776768.27	N 32.071826	W 103.573267	7760.92	173.44
	19896.00	90.25	178.45	12308.79	7812.14	-7805.11	889.45	1.06	390602.09	776771.65	N 32.071565	W 103.573258	7855.62	173.50
	19990.00	90.10	179.10	12308.51	7906.13	-7899.08	891.46	0.70	390506.11	776773.66	N 32.071307	W 103.573254	7949.23	173.56
	20085.00	91.07	177.60	12307.54	8001.10	-7994.04	894.20	1.88	390413.16	776776.39	N 32.071046	W 103.573247	8043.89	173.62
	20180.00	89.80	177.66	12306.82	8096.05	-8088.95	898.13	1.34	390318.25	776780.32	N 32.070785	W 103.573236	8138.66	173.66
	20274.00	89.97	177.60	12307.01	8189.99	-8182.87	902.02	0.19	390224.34	776784.21	N 32.070527	W 103.573226	8232.44	173.71
	20369.00	90.19	178.19	12306.87	8284.95	-8277.80	905.51	0.66	390129.40	776787.70	N 32.070266	W 103.573217	8327.18	173.76
	20464.00	91.16	176.79	12305.75	8379.88	-8372.70	909.68	1.79	390034.51	776791.87	N 32.070005	W 103.573206	8421.98	173.80
	20558.00	90.59	177.45	12304.31	8473.79	-8466.57	914.41	0.93	389940.64	776796.60	N 32.069747	W 103.573192	8515.81	173.84
	20653.00	90.25	179.82	12303.61	8568.77	-8561.54	916.67	2.52	389845.68	776798.87	N 32.069486	W 103.573187	8610.47	173.89
	20748.00	90.40	178.76	12303.08	8663.76	-8656.53	917.86	1.12	389750.69	776800.05	N 32.069225	W 103.573186	8705.05	173.95
	20843.00	90.16	178.36	12302.61	8758.75	-8751.49	920.25	0.49	389655.73	776802.44	N 32.068963	W 103.573180	8799.74	174.00
	20937.00	89.66	181.55	12302.76	8852.73	-8845.48	920.32	3.44	389561.74	776802.51	N 32.068705	W 103.573182	8893.23	174.06
	21032.00	90.44	180.05	12302.67	8947.71	-8940.47	918.99	1.78	389466.76	776801.18	N 32.068444	W 103.573188	8987.58	174.13
	21127.00	90.70	179.73	12301.73	9042.70	-9035.46	919.17	0.44	389371.77	776801.36	N 32.068183	W 103.573190	9082.10	174.19
	21221.00	91.09	180.01	12300.26	9136.69	-9129.45	919.38	0.51	389277.78	776801.57	N 32.067925	W 103.573191	9175.63	174.25
	21316.00	91.14	179.83	12298.40	9231.67	-9224.43	919.50	0.19	389182.80	776801.70	N 32.067664	W 103.573193	9270.15	174.31
	21411.00	90.61	179.77	12296.96	9326.65	-9319.42	919.83	0.56	389087.82	776802.02	N 32.067402	W 103.573194	9364.70	174.36
	21505.00	90.61	179.65	12295.96	9420.65	-9413.41	920.30	0.13	388993.83	776802.50	N 32.067144	W 103.573195	9458.29	174.42
	21600.00	91.26	179.62	12294.41	9515.63	-9508.40	920.90	0.69	388898.84	776803.10	N 32.066883	W 103.573195	9552.89	174.47
	21694.00	90.67	178.55	12292.82	9609.62	-9602.37	922.41	1.31	388804.87	776804.60	N 32.066625	W 103.573192	9646.57	174.51
	21789.00	90.66	178.63	12291.72	9704.60	-9697.34	924.75	0.09	388709.91	776806.94	N 32.066364	W 103.573187	9741.33	174.55
	21884.00	90.79	178.85	12290.52	9799.58	-9792.31	926.84	0.27	388614.95	776809.03	N 32.066103	W 103.573182	9836.07	174.59
	21978.00	90.80	178.81	12289.21	9893.56	-9886.28	928.76	0.05	388520.98	776810.96	N 32.065844	W 103.573178	9929.81	174.63
Final Survey	22062.00	90.19	178.64	12288.49	9977.55	-9970.25	930.63	0.75	388437.00	776812.83	N 32.065613	W 103.573174	10013.59	174.67
TD, PTB [100' FSL, 1362' FEL]	22088.00	90.19	178.64	12288.40	10003.55	-9996.25	931.25	0.00	388411.01	776813.44	N 32.065542	W 103.573173	10039.53	174.68

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	22.000	1/98.425	14.750	10.750	A008Mb_MWD+IFR1+MS-Depth Only	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to 22088ft MD
	1	22.000	22.000	Act Stns	14.750	10.750	A008Mb_MWD+IFR1+MS-Depth Only	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to 22088ft MD
	1	22.000	1049.000	Act Stns	14.750	10.750	A008Mb_MWD+IFR1+MS	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to
	1	1049.000	11757.000	Act Stns	9.875	7.625	A008Mb_MWD+IFR1+MS	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to
	1	11757.000	12575.000	Act Stns	8.500	7.625	A008Mb_MWD+IFR1+MS	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to
	1	12575.000	22088.000	Act Stns	6.750	5.500	A008Mb_MWD+IFR1+MS	Red Hills Unit #99H / Cimarex Red Hills Unit #99H MWD Corrected to

...Red Hills Unit #99H\Red Hills Unit #99H\Cimarex Red Hills Unit #99H MWD Corrected to 22088ft MD

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

Estimated Formation Tops

Formation:	Top:	Formation:	Top:

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 Red Hills Unit		
								6. Well Number: 99H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Cimarex Energy Co Of Colorado						9. OGRID 162683				
10. Address of Operator 600 N Marienfeld St, Ste 600, Midland, TX 79701						11. Pool name or Wildcat WC-025 G-09 S243336I; UPPER WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	33	25S	33E		455	North	2230	East	Lea
BH:	O	4	26S	33E		100	South	11381	East	Lea
13. Date Spudded 12/16/2021	14. Date T.D. Reached 2/21/2022		15. Date Rig Released 2/27/2022		16. Date Completed (Ready to Produce) 7/21/22			17. Elevations (DF and RKB, RT, GR, etc.) 3352 GR		
18. Total Measured Depth of Well 22088			19. Plug Back Measured Depth 22073		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run Gamma		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12415 - 22043										
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				1025		14-3/4		800 sx		97 sx
7-5/8				12563		9-7/8		2303 sx		600 sx
5-1/2				11743		6-3/4		0		0
5				22077		6-3/4		1151 sx		TOC @11870
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 12415 - 22043, .42, 1540 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12415 - 22043		28042669# MESH SAND		
28. PRODUCTION										
Date First Production 7/3/22		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 7/29/2022	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1817	Gas - MCF 3232	Water - Bbl. 7466	Gas - Oil Ratio 1778			
Flow Tubing Press.	Casing Pressure 4286	Calculated 24-Hour Rate	Oil - Bbl. 1817	Gas - MCF 3232	Water - Bbl. 7466	Oil Gravity - API - (<i>Corr.</i>) 42.4				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By Coterra Rep		
31. List Attachments 102, Log, Surveys, Extra Point										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name			Title			Date		
Sarah Jordan		Sarah Jordan			Regulatory Analyst			8/10/22		
E-mail Address sarah.jordan@coterra.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. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 1273	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4670	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 10035	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 12118	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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 132730

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 132730
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 132730

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/16/2025