

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 RT -
⁴ API Number 30 - 025-48095	⁵ Pool Name WC-025 G-09 S253236A; Upr Wolfcamp	⁶ Pool Code 98158
⁷ Property Code 329861	⁸ Property Name RED HILLS 32-5 STATE COM	⁹ Well Number 198H

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
A	32	25S	33E		467	North	410	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	5	26S	33E		100	South	1161	East	Lea
¹² Lse Code Fed	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 5/31/2022	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date 6	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

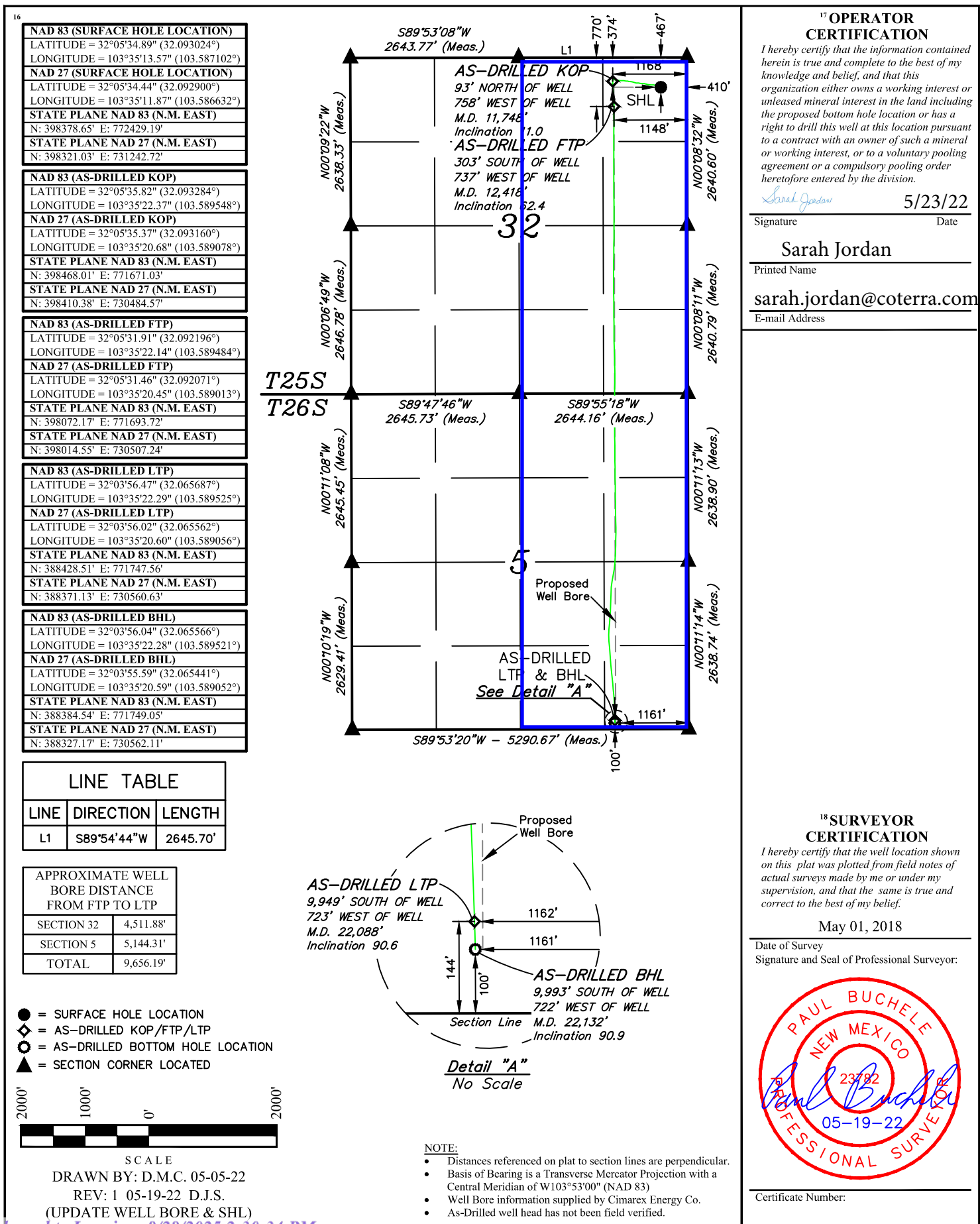
²¹ Spud Date 11/26/21	²² Ready Date 5/31/2022	²³ TD 22132	²⁴ PBTD 22108	²⁵ Perforations 12418 - 22088	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14-3/4		10-3/4	1024		869
9-7/8		7-5/8	12,656		1569
6-3/4		5-1/2 5	11,621 22,122		1201
		REQUEST TBG EXCEPTION AT THIS TIME			

V. Well Test Data

³¹ Date New Oil 5/31/22	³² Gas Delivery Date 5/31/22	³³ Test Date 6/9/22	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3282
³⁷ Choke Size 19/64	³⁸ Oil 1182	³⁹ Water 5704	⁴⁰ Gas 2370		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: 6/22/2022		Phone: 432/620-1909			

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

☐ AMENDED REPORT





Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft MD **Survey Geodetic Report** (Def Survey)



Report Date:	January 12, 2022 - 09:25 AM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	Cimarex Energy	Vertical Section Azimuth:	179.600 ° (Grid North)
Field:	NM Lea County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Cimarex Red Hills 32-5 State Com #198H / New Slot	TVD Reference Datum:	RKB
Well:	Red Hills 32-5 State Com #198H	TVD Reference Elevation:	3412.500 ft above MSL
Borehole:	Red Hills 32-5 State Com #198H	Seabed / Ground Elevation:	3389.500 ft above MSL
UWI / API#:	Unknown / Unknown	Magnetic Declination:	6.348 °
Survey Name:	Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft MD	Total Gravity Field Strength:	998.4317mgm (9.80665 Based)
Survey Date:	January 11, 2022	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	266.995 ° / 10914.577 ft / 6.719 / 0.886	Total Magnetic Field Strength:	47493.616 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.675 °
Location Lat / Long:	N 32° 5' 34.88640", W 103° 35' 13.56720"	Declination Date:	January 11, 2022
Location Grid N/E Y/X:	N 398378.511 RUS, E 772429.320 RUS	Magnetic Declination Model:	HDMG 2021
CRS Grid Convergence Angle:	0.3965 °	North Reference:	Grid North
Grid Scale Factor:	0.99997026	Grid Convergence Used:	0.3965 °
Version / Patch:	2.10.826.8	Total Corr Mag North->Grid North:	5.9514 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
SHL [467' FNL, 410' FEL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	398378.51	772429.32	N 32° 5' 34.89	W 103° 35' 13.57	0.00	0.00
200.00	0.42	314.45	200.00	-0.52	0.51	-0.52	0.21	398379.02	772428.80	N 32° 5' 34.89	W 103° 35' 13.57	0.73	314.45	
292.00	0.53	311.09	292.00	-1.04	1.03	-1.08	0.12	398379.54	772428.24	N 32° 5' 34.90	W 103° 35' 13.58	1.50	313.49	
392.00	0.54	310.14	391.99	-1.65	1.64	-1.79	0.01	398380.15	772727.53	N 32° 5' 34.90	W 103° 35' 13.59	2.43	312.39	
483.00	0.61	299.16	482.99	-2.17	2.15	-2.54	0.14	398380.66	772426.78	N 32° 5' 34.91	W 103° 35' 13.60	3.33	310.19	
574.00	0.88	287.93	573.98	-2.63	2.60	-3.63	0.34	398381.11	772425.69	N 32° 5' 34.91	W 103° 35' 13.61	4.47	305.60	
665.00	1.03	283.83	664.97	-3.05	3.01	-5.09	0.18	398381.52	772424.23	N 32° 5' 34.92	W 103° 35' 13.63	5.92	300.60	
757.00	1.23	282.39	756.95	-3.47	3.42	-6.86	0.22	398381.93	772422.46	N 32° 5' 34.92	W 103° 35' 13.65	7.66	296.51	
847.00	1.35	275.18	846.93	-3.79	3.72	-8.86	0.22	398382.23	772420.46	N 32° 5' 34.92	W 103° 35' 13.67	9.61	292.80	
938.00	1.41	275.65	937.90	-4.01	3.93	-11.04	0.07	398382.44	772418.28	N 32° 5' 34.93	W 103° 35' 13.70	11.72	289.60	
974.00	1.54	274.82	973.89	-4.10	4.01	-11.96	0.37	398382.53	772417.36	N 32° 5' 34.93	W 103° 35' 13.71	12.62	288.55	
1057.00	1.58	282.42	1056.86	-4.45	4.35	-14.19	0.25	398382.87	772415.13	N 32° 5' 34.93	W 103° 35' 13.73	14.84	287.06	
1125.00	1.97	290.46	1124.82	-4.96	4.86	-16.20	0.68	398383.48	772413.12	N 32° 5' 34.94	W 103° 35' 13.76	16.95	287.04	
1218.00	3.51	305.31	1217.72	-7.31	7.17	-20.02	1.81	398385.68	772409.30	N 32° 5' 34.96	W 103° 35' 13.80	21.27	289.70	
1312.00	4.32	305.89	1311.50	-11.08	10.91	-25.24	0.86	398389.42	772404.08	N 32° 5' 35.00	W 103° 35' 13.86	27.50	293.37	
1406.00	5.17	301.30	1405.17	-15.41	15.18	-31.73	0.99	398393.69	772397.59	N 32° 5' 35.04	W 103° 35' 13.93	35.17	295.58	
1501.00	6.44	292.80	1499.69	-19.75	19.47	-40.30	1.61	398397.98	772389.03	N 32° 5' 35.08	W 103° 35' 14.03	44.75	295.79	
1594.00	7.37	290.29	1592.01	-23.92	23.56	-50.70	1.05	398402.07	772378.62	N 32° 5' 35.12	W 103° 35' 14.15	55.91	294.93	
1689.00	7.69	291.17	1686.19	-28.40	27.97	-62.34	0.36	398406.48	772366.98	N 32° 5' 35.17	W 103° 35' 14.29	68.33	294.16	
1783.00	8.15	283.05	1779.30	-32.27	31.75	-74.70	1.29	398410.26	772354.63	N 32° 5' 35.21	W 103° 35' 14.43	81.16	293.03	
1878.00	8.20	274.29	1873.33	-34.39	33.77	-88.01	0.31	398412.28	772341.31	N 32° 5' 35.23	W 103° 35' 14.59	94.27	290.99	
1972.00	8.32	271.91	1966.36	-35.21	34.50	-101.50	0.39	398413.01	772327.83	N 32° 5' 35.23	W 103° 35' 14.74	107.20	288.77	
2066.00	8.57	270.37	2059.34	-35.58	34.77	-115.30	0.36	398413.28	772314.03	N 32° 5' 35.24	W 103° 35' 14.90	120.43	286.78	
2160.00	7.39	273.09	2152.43	-36.04	35.14	-128.34	1.32	398413.65	772300.99	N 32° 5' 35.24	W 103° 35' 15.06	133.06	285.31	
2255.00	6.84	273.62	2246.70	-36.81	35.83	-140.08	0.58	398414.34	772289.24	N 32° 5' 35.25	W 103° 35' 15.19	144.59	284.35	
2349.00	6.86	272.64	2340.03	-37.50	36.44	-151.28	0.13	398414.95	772278.05	N 32° 5' 35.26	W 103° 35' 15.32	155.61	283.54	
2444.00	7.28	273.76	2434.30	-38.24	37.10	-162.95	0.47	398415.61	772266.37	N 32° 5' 35.26	W 103° 35' 15.46	167.12	282.83	
2538.00	6.24	276.26	2527.65	-39.26	38.05	-173.97	1.15	398416.56	772255.35	N 32° 5' 35.27	W 103° 35' 15.59	178.09	282.34	
2632.00	5.96	278.30	2621.12	-40.59	39.31	-183.88	0.38	398417.82	772245.45	N 32° 5' 35.29	W 103° 35' 15.70	188.04	282.07	
2726.00	6.08	278.00	2714.60	-42.06	40.71	-193.64	0.13	398419.22	772235.69	N 32° 5' 35.30	W 103° 35' 15.81	197.87	281.87	
2821.00	6.33	278.60	2809.04	-43.61	42.19	-203.80	0.27	398420.70	772225.53	N 32° 5' 35.32	W 103° 35' 15.93	208.12	281.70	
2915.00	6.34	279.90	2902.47	-45.35	43.86	-214.04	0.15	398422.37	772215.29	N 32° 5' 35.34	W 103° 35' 16.05	218.48	281.58	
3010.00	5.13	282.57	2996.99	-47.24	45.68	-223.35	1.30	398424.19	772205.98	N 32° 5' 35.35	W 103° 35' 16.16	227.97	281.56	
3104.00	4.69	285.31	3090.65	-49.22	47.61	-231.16	0.53	398426.12	772198.17	N 32° 5' 35.37	W 103° 35' 16.25	236.01	281.64	
3199.00	4.51	288.45	3185.34	-51.48	49.82	-238.45	0.33	398428.33	772190.88	N 32° 5' 35.40	W 103° 35' 16.33	243.80	281.80	
3293.00	4.65	291.53	3279.04	-54.10	52.39	-245.50	0.30	398430.99	772183.83	N 32° 5' 35.42	W 103° 35' 16.42	251.02	282.05	
3482.00	4.85	274.99	3467.40	-57.71	55.89	-260.58	0.73	398434.40	772168.75	N 32° 5' 35.46	W 103° 35' 16.59	266.51	282.11	
3577.00	4.90	270.61	3562.06	-58.16	56.29	-268.64	0.40	398434.80	772160.69	N 32° 5' 35.46	W 103° 35' 16.69	274.47	281.83	
3766.00	5.04	266.03	3750.35	-57.79	55.80	-284.99	0.22	398434.31	772144.33	N 32° 5' 35.46	W 103° 35' 16.88	290.41	281.08	
3860.00	4.62	271.73	3844.01	-57.67	55.63	-292.90	0.68	398434.14	772136.43	N 32° 5' 35.46	W 103° 35' 16.97	298.13	280.75	
3955.00	4.59	277.57	3938.71	-58.34	56.24	-300.49	0.49	398434.75	772128.84	N 32° 5' 35.46	W 103° 35' 17.06	305.71	280.60	
4049.00	4.19	276.09	4032.43	-59.25	57.10	-307.63	0.44	398435.61	772121.70	N 32° 5' 35.47	W 103° 35' 17.14	312.89	280.52	
4143.00	3.65	271.77	4126.21	-59.75	57.56	-314.04	0.65	398436.07	772115.29	N 32° 5' 35.48	W 103° 35' 17.21	319.27	280.39	
4331.00	4.82	283.55	4313.70	-61.88	59.59	-327.70	0.77	398438.10	772101.63	N 32° 5' 35.50	W 103° 35' 17.37	333.07	280.31	
4425.00	6.63	284.58	4407.23	-64.24	61.89	-336.79	1.93	398440.40	772092.54	N 32° 5' 35.52	W 103° 35' 17.48	342.43	280.41	
4520.00	5.94	277.90	4501.85	-66.36	63.94	-346.97	1.06	398442.45	772082.36	N 32° 5' 35.54	W 103° 35' 17.60	352.81	280.44	
4614.00	6.88	274.31	4595.07	-67.53	65.03	-357.40	1.09	398443.54	772071.93	N 32° 5' 35.55	W 103° 35' 17.72	363.37	280.31	
4706.00	6.96	273.16	4686.40	-68.33	65.76	-368.46	0.17	398444.26	772060.87	N 32° 5' 35.56	W 103° 35' 17.84	374.28	280.12	
4803.00	6.65	271.69	4782.71	-68.90	66.24	-379.94	0.37	398444.75	772049.39	N 32° 5' 35.57	W 103° 35' 17.98	385.67	279.89	
4897.00	6.65	270.94	4876.08	-69.22	66.49	-390.83	0.09	398445.00	772038.51	N 32° 5' 35.57	W 103° 35' 18.10	396.44	279.66	
4992.00	6.68	282.07	4970.44	-70.54	67.74	-401.73	1.36	398446.25	772027.60	N 32° 5' 35.58	W 103° 35' 18.23	407.40	279.57	
5086.00	7.02	285.91	5063.77	-73.34	70.46	-412.60	0.61	398448.97	772016.73	N 32° 5' 35.61	W 103° 35' 18.36	418.57	279.69	
5180.00	7.31	285.47	5157.04	-76.59	73.63	-423.89	0.31	398452.14	772005.45	N 32° 5' 35.64	W 103° 35' 18.49	430.23	279.85	
5273.00	7.54	284.59	5249.26	-79.78	76.74	-435.49	0.28	398455.25	771993.84	N 32° 5' 35.68	W 103° 35' 18.62	442.20	279.99	
5368.00	8.07	287.72	5343.38	-83.47	80.34	-447.88	0.71	398458.85	771981.46	N 32° 5' 35.71	W 103° 35' 18.77	455.03	280.17	
5462.00	7.31	281.09	5436.53	-86.71	83.50	-460.03	1.24	398462.01	771969.30	N 32° 5' 35.74	W 103° 35' 18.91	467.55	280.29	
5557.00	6.68	277.57	5530.83	-88.68	85.39	-471.44	0.80	398463.90	771957.89	N 32° 5' 35.76	W 103° 35' 19.04	479.11	280.27	
5651.00	6.79	277.45	5624.18	-90.20	86.83	-482.37	0.12	398465.34	771946.97	N 32° 5' 35.78	W 103° 35' 19.17	490.12	280.20	
5745.00	7.22	275.75	5717.48	-91.59	88.14	-493.76	0.51	398466.65	771935.58	N 32° 5' 35.79	W 103° 35' 19.30	501.56	280.12	
5838.00	6.42	278.74	5809.82	-93.04	89.52	-504.71	0.94	398468.03	771924.63	N 32° 5' 35.81	W 103° 35' 19.43	512.59	280.06	
5931.00	6.11	280.23	5902.26	-94.78	91.19	-514.72	0.38	398469.70	771914.62	N 32° 5' 35.82	W 103° 35' 19.54	522.74	280.05	
6026.00	6.15	280.90	5996.72	-96.71	93.05	-524.69	0.09	398471.56	771904.64	N 32° 5' 35.84	W 103° 35' 19.66	532.88	280.06	
6119.00	6.25	277.89	6089.18	-98.42	94.69	-534.60	0.37	398473.19	771894.74	N 32° 5' 35.86	W 103° 35' 19.77	542.92	280.04	
6213.00	6.59	277.91	6182.59	-99.93	96.13	-545.01	0.36	398474.64	771884.33	N 32° 5' 35.87	W 103° 35' 19.89	553.42	280.00	
6402.00	7.11	275.47	6370.24	-102.70	98.74	-567.40	0.32	398477.25	771861.94	N 32° 5' 35.90	W 103° 35' 20.15	575.92	280.00	
6497.00	5.61	271.31	6464.65	-103.44										

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 (°)
	9139.00	0.90	297.17	9099.42	-132.43	127.24	-742.79	0.22	398505.75	771686.56	N 32 5 36.20 W 103 35 22.19		753.61	279.72
	9233.00	0.87	305.84	9193.41	-133.19	128.00	-744.02	0.15	398506.51	771685.32	N 32 5 36.20 W 103 35 22.21		754.95	279.76
	9328.00	0.83	328.80	9288.40	-134.05	128.85	-745.05	0.06	398507.36	771684.20	N 32 5 36.21 W 103 35 22.22		756.20	279.81
	9422.00	0.58	314.11	9382.40	-134.81	129.61	-746.02	0.27	398508.61	771683.33	N 32 5 36.22 W 103 35 22.23		757.19	279.86
	9516.00	0.48	314.44	9476.39	-135.43	130.22	-746.64	0.11	398508.72	771682.70	N 32 5 36.23 W 103 35 22.24		757.91	279.89
	9611.00	0.56	306.86	9571.39	-135.99	130.77	-747.30	0.11	398509.28	771682.05	N 32 5 36.23 W 103 35 22.24		758.65	279.93
	9706.00	0.36	301.48	9666.38	-136.43	131.21	-747.92	0.22	398509.71	771681.42	N 32 5 36.24 W 103 35 22.25		759.34	279.95
	9800.00	0.76	293.50	9760.38	-136.83	131.61	-748.75	0.43	398510.12	771680.60	N 32 5 36.24 W 103 35 22.26		760.22	279.97
	9894.00	0.73	292.07	9854.37	-137.32	132.08	-749.87	0.04	398510.59	771679.47	N 32 5 36.24 W 103 35 22.27		761.42	279.99
	9989.00	0.45	283.02	9949.37	-137.63	132.40	-750.80	0.31	398510.90	771678.55	N 32 5 36.25 W 103 35 22.28		762.38	280.00
	10083.00	0.29	246.68	10043.37	-137.63	132.38	-751.37	0.29	398510.89	771677.97	N 32 5 36.25 W 103 35 22.29		762.95	279.99
	10178.00	0.33	244.87	10138.36	-137.42	132.17	-751.84	0.04	398510.68	771677.50	N 32 5 36.25 W 103 35 22.30		763.37	279.97
	10272.00	0.44	195.97	10232.36	-136.96	131.71	-752.19	0.36	398510.22	771677.16	N 32 5 36.24 W 103 35 22.30		763.63	279.93
	10366.00	0.37	198.32	10326.36	-136.33	131.08	-752.38	0.08	398509.58	771676.96	N 32 5 36.23 W 103 35 22.30		763.71	279.88
	10461.00	0.41	167.69	10421.36	-135.70	130.45	-752.41	0.22	398508.96	771676.94	N 32 5 36.23 W 103 35 22.30		763.63	279.84
	10555.00	0.48	180.60	10515.35	-134.98	129.73	-752.34	0.13	398508.24	771677.01	N 32 5 36.22 W 103 35 22.30		763.44	279.78
	10650.00	1.07	175.70	10610.35	-133.70	128.45	-752.28	0.62	398506.95	771677.07	N 32 5 36.21 W 103 35 22.30		763.16	279.69
	10745.00	1.43	177.03	10705.32	-131.63	126.38	-752.15	0.38	398504.89	771677.20	N 32 5 36.19 W 103 35 22.30		762.69	279.54
	10839.00	1.83	197.08	10799.29	-129.02	123.77	-752.53	0.73	398502.28	771676.82	N 32 5 36.16 W 103 35 22.30		762.64	279.34
	10933.00	1.63	187.99	10893.24	-126.27	121.01	-753.12	0.36	398499.52	771676.19	N 32 5 36.14 W 103 35 22.31		762.82	279.13
	11027.00	2.05	172.31	10987.19	-123.28	118.02	-753.12	0.69	398496.53	771676.23	N 32 5 36.11 W 103 35 22.31		762.31	278.91
	11122.00	1.94	162.89	11082.14	-119.99	114.73	-752.97	0.40	398493.24	771676.37	N 32 5 36.07 W 103 35 22.31		761.66	278.66
	11217.00	1.77	171.82	11177.09	-114.82	111.67	-752.92	0.36	398490.18	771676.45	N 32 5 36.04 W 103 35 22.32		761.13	278.44
	11311.00	1.45	216.11	11271.05	-114.52	109.27	-753.44	1.28	398487.77	771675.91	N 32 5 36.02 W 103 35 22.32		761.32	278.25
	11406.00	2.09	221.74	11366.01	-112.27	107.00	-755.30	0.70	398485.51	771674.05	N 32 5 36.00 W 103 35 22.34		762.84	278.06
	11475.00	2.09	222.01	11434.96	-110.41	105.13	-756.98	0.01	398483.64	771672.37	N 32 5 35.98 W 103 35 22.36		764.24	277.91
	11500.00	2.13	201.56	11459.95	-109.64	104.36	-757.45	3.00	398482.87	771671.89	N 32 5 35.97 W 103 35 22.36		764.61	277.84
	11594.00	2.19	199.36	11553.88	-106.33	101.04	-758.69	0.11	398479.55	771670.65	N 32 5 35.94 W 103 35 22.38		765.39	277.59
	11631.00	2.25	192.08	11590.85	-104.96	99.66	-759.08	0.78	398478.17	771670.27	N 32 5 35.92 W 103 35 22.38		765.59	277.48
First SLB Survey	11664.00	2.48	186.66	11623.82	-103.62	98.32	-759.30	0.97	398476.83	771670.05	N 32 5 35.91 W 103 35 22.39		765.64	277.38
KOP	11724.00	7.44	170.78	11683.58	-98.49	93.19	-758.82	8.50	398471.70	771670.52	N 32 5 35.86 W 103 35 22.38		764.53	277.00
	11748.28	17.48	170.78	11707.54	-94.65	89.36	-758.18	14.55	398467.87	771671.16	N 32 5 35.82 W 103 35 22.37		763.42	276.72
	11757.00	12.24	170.14	11716.09	-92.92	87.63	-757.88	14.55	398466.14	771671.48	N 32 5 35.81 W 103 35 22.37		762.93	276.60
	11789.00	15.71	174.10	11747.14	-85.26	79.98	-756.86	11.24	398458.49	771672.49	N 32 5 35.73 W 103 35 22.36		761.07	276.03
	11821.00	19.03	178.52	11777.67	-75.73	70.45	-756.28	11.16	398448.96	771673.07	N 32 5 35.64 W 103 35 22.35		759.55	275.32
	11852.00	21.69	180.79	11806.73	-64.95	59.67	-756.22	8.95	398438.18	771673.12	N 32 5 35.53 W 103 35 22.35		758.57	274.51
	11899.00	26.06	180.47	11849.70	-45.93	40.65	-756.43	9.30	398419.16	771672.92	N 32 5 35.34 W 103 35 22.36		757.52	273.08
	11947.00	29.57	177.95	11892.15	-23.54	18.26	-756.09	7.71	398396.78	771673.25	N 32 5 35.12 W 103 35 22.35		756.31	271.38
	11994.00	31.19	176.02	11932.70	0.20	-5.47	-754.83	4.02	398373.04	771674.51	N 32 5 34.88 W 103 35 22.34		754.85	269.58
	12042.00	34.77	173.68	11972.96	26.23	-31.48	-752.46	7.92	398347.07	771676.88	N 32 5 34.63 W 103 35 22.32		753.12	267.60
	12089.00	37.63	174.06	12010.88	53.84	-59.08	-749.50	6.10	398319.44	771679.84	N 32 5 34.35 W 103 35 22.28		751.83	265.49
	12136.00	40.31	120.47	12047.42	83.31	-107.40	-747.06	3.93	398289.30	771682.28	N 32 5 34.06 W 103 35 22.26		750.29	263.24
	12183.00	44.57	177.11	12082.10	114.98	-120.19	-745.27	9.12	398258.33	771684.07	N 32 5 33.75 W 103 35 22.24		754.90	260.84
	12229.00	47.52	176.35	12114.02	148.05	-153.24	-743.38	6.52	398225.27	771685.96	N 32 5 33.42 W 103 35 22.22		759.01	258.35
	12276.00	50.87	176.22	12144.73	183.56	-188.74	-741.07	7.13	398189.78	771688.27	N 32 5 33.07 W 103 35 22.20		764.73	255.71
	12324.00	54.17	175.78	12173.94	221.57	-226.73	-738.41	6.91	398151.79	771690.93	N 32 5 32.69 W 103 35 22.17		772.44	252.93
	12371.00	58.15	177.87	12200.11	260.55	-265.70	-736.27	9.24	398112.82	771693.07	N 32 5 32.31 W 103 35 22.15		782.74	250.16
	12418.00	62.40	179.90	12223.41	301.35	-306.49	-735.49	9.79	398072.03	771693.85	N 32 5 31.90 W 103 35 22.14		796.80	247.38
	12465.00	66.33	181.54	12243.74	343.71	-348.85	-736.03	8.93	398029.67	771693.31	N 32 5 31.48 W 103 35 22.15		814.52	244.64
	12512.00	69.58	181.77	12261.38	387.24	-392.39	-737.29	6.93	397986.13	771692.05	N 32 5 31.05 W 103 35 22.17		835.21	241.98
	12609.00	77.20	178.38	12289.09	480.10	-485.26	-737.36	8.54	397893.26	771691.99	N 32 5 30.14 W 103 35 22.18		882.71	236.65
	12703.00	82.87	179.70	12305.64	572.64	-577.79	-735.82	9.79	397800.74	771693.53	N 32 5 29.22 W 103 35 22.17		935.56	231.86
	12798.00	87.23	183.13	12313.55	667.26	-672.41	-736.10	4.69	397706.42	771693.34	N 32 5 28.28 W 103 35 22.18		996.99	227.59
	12892.00	91.85	180.47	12314.30	761.22	-766.38	-737.01	4.92	397612.16	771692.33	N 32 5 27.35 W 103 35 22.20		1063.26	223.88
	12987.00	90.79	180.22	12312.11	856.18	-861.35	-737.58	1.15	397517.19	771691.76	N 32 5 26.41 W 103 35 22.21		1134.00	220.57
	13082.00	91.05	179.33	12310.59	951.17	-956.34	-737.21	0.98	397422.20	771692.13	N 32 5 25.47 W 103 35 22.21		1207.50	217.63
	13176.00	90.75	179.53	12309.11	1045.16	-1050.32	-736.27	0.38	397328.22	771693.07	N 32 5 24.54 W 103 35 22.21		1282.68	215.03
	13271.00	90.85	179.64	12307.78	1140.15	-1145.31	-735.59	0.16	397233.24	771693.76	N 32 5 23.60 W 103 35 22.21		1361.18	212.71
	13365.00	91.05	180.35	12306.23	1234.13	-1239.30	-735.08	0.78	397139.25	771693.77	N 32 5 22.67 W 103 35 22.22		1441.16	210.69
	13460.00	90.82	179.44	12304.68	1329.12	-1334.28	-735.40	0.99	397044.27	771693.94	N 32 5 21.73 W 103 35 22.22		1523.52	208.86
	13555.00	90.82	179.54	12303.32	1424.11	-1429.27	-734.56	0.11	396949.29	771694.78	N 32 5 20.79 W 103 35 22.22		1606.98	207.20
	13649.00	90.33	179.92	12302.37	1518.10	-1523.26	-734.12	0.66	396855.20	771695.23	N 32 5 19.86 W 103 35 22.22		1680.93	205.73
	13744.00	91.11	179.37	12301.18	1613.09	-1618.25	-733.53	1.00	396760.61	771695.92	N 32 5 18.92 W 103 35 22.22		1776.92	204.38
	13839.00	91.12	179.01	12299.33	1708.07	-1713.22	-732.18	0.38	396665.34	771697.16	N 32 5 17.98 W 103 35 22.22		1863.12	203.14
	13934.00	91.04	178.81	12297.54	1803.05	-1808.19	-730.38	0.23	396570.38	771698.97	N 32 5 17.04 W 103 35 22.20		1950.13	202.00
	14028.00	91.21	179.60	12295.69	1897.03	-1902.16	-729.24	1.07	396476.41	771700.11	N 32 5 16.11 W 103 35 22.20		2037.16	200.98
	14123.00	90.88	180.17	12293.96	1992.01	-1997.15	-729.21	0.52	396381.43	7				

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 (°)
	19236.00	89.12	180.11	12268.86	7104.36	-7109.27	-679.17	0.37	391269.46	771750.18	N 32 4 24.59 W	103 35 22.03	7141.64	185.46
	19331.00	89.78	180.50	12269.77	7199.35	-7204.27	-679.67	0.81	391174.47	771749.67	N 32 4 23.65 W	103 35 22.05	7236.26	185.39
	19426.00	92.22	182.19	12268.11	7294.28	-7299.22	-681.90	3.12	391079.53	771747.44	N 32 4 22.71 W	103 35 22.08	7331.00	185.34
	19615.00	89.14	183.80	12265.87	7482.90	-7487.91	-691.77	1.84	390890.83	771737.57	N 32 4 20.84 W	103 35 22.21	7519.80	185.28
	19710.00	90.07	189.59	12266.52	7577.13	-7582.22	-702.85	6.17	390796.53	771726.50	N 32 4 19.91 W	103 35 22.34	7614.73	185.30
	19800.00	90.28	190.28	12266.25	7665.67	-7670.87	-718.37	0.80	390707.88	771710.97	N 32 4 19.03 W	103 35 22.53	7704.44	185.35
	19895.00	92.03	190.84	12264.33	7758.91	-7764.24	-735.78	1.93	390614.52	771693.57	N 32 4 18.11 W	103 35 22.74	7799.03	185.41
	19990.00	90.64	182.30	12262.11	7853.10	-7858.50	-746.63	9.11	390520.26	771682.71	N 32 4 17.18 W	103 35 22.88	7893.89	185.43
	20084.00	89.95	181.36	12261.63	7947.02	-7952.45	-749.63	1.24	390426.31	771679.71	N 32 4 16.25 W	103 35 22.92	7987.70	185.39
	20179.00	90.48	182.47	12261.27	8041.94	-8047.40	-752.81	1.29	390331.37	771676.54	N 32 4 15.31 W	103 35 22.96	8082.53	185.34
	20274.00	89.12	180.44	12261.61	8136.89	-8142.36	-755.22	2.57	390236.41	771674.12	N 32 4 14.37 W	103 35 23.00	8177.31	185.30
	20369.00	89.85	182.92	12262.46	8231.81	-8237.30	-758.01	2.72	390141.47	771671.34	N 32 4 13.43 W	103 35 23.04	8272.11	185.26
	20463.00	89.92	184.01	12262.65	8325.60	-8331.13	-763.69	1.16	390047.64	771665.66	N 32 4 12.50 W	103 35 23.11	8366.06	185.24
	20558.00	90.32	186.48	12262.45	8420.13	-8425.73	-772.37	2.63	389953.05	771656.97	N 32 4 11.57 W	103 35 23.22	8461.05	185.24
	20654.00	90.56	184.84	12261.71	8515.59	-8521.25	-781.84	1.73	389857.53	771647.51	N 32 4 10.62 W	103 35 23.34	8557.04	185.24
	20749.00	92.49	179.62	12259.18	8610.41	-8616.11	-785.53	5.86	389762.68	771643.81	N 32 4 9.68 W	103 35 23.39	8651.84	185.21
	20844.00	90.96	174.37	12256.32	8705.24	-8710.90	-780.56	5.75	389667.89	771648.79	N 32 4 8.74 W	103 35 23.34	8745.80	185.12
	20938.00	89.31	173.93	12256.10	8798.81	-8804.41	-770.98	1.82	389574.39	771658.37	N 32 4 7.82 W	103 35 23.23	8838.10	185.00
	21033.00	88.75	175.67	12257.71	8893.46	-8899.00	-762.37	1.92	389479.80	771666.98	N 32 4 6.88 W	103 35 23.14	8931.59	184.90
	21127.00	89.91	176.46	12258.81	8987.27	-8992.77	-755.92	1.49	389386.03	771673.43	N 32 4 5.95 W	103 35 23.07	9024.48	184.80
	21221.00	89.67	173.16	12259.15	9080.93	-9086.37	-747.42	3.52	389292.43	771681.93	N 32 4 5.03 W	103 35 22.98	9117.06	184.70
	21316.00	90.52	174.60	12258.99	9175.45	-9180.82	-737.29	1.76	389197.98	771692.06	N 32 4 4.09 W	103 35 22.87	9210.38	184.59
	21410.00	89.64	174.06	12258.86	9269.05	-9274.36	-728.00	1.10	389104.44	771701.34	N 32 4 3.17 W	103 35 22.77	9302.89	184.49
	21504.00	90.59	174.40	12258.67	9362.64	-9367.88	-718.55	1.07	389010.92	771710.79	N 32 4 2.24 W	103 35 22.67	9395.40	184.39
	21599.00	89.90	174.54	12258.27	9457.26	-9462.44	-709.40	0.74	388916.37	771719.95	N 32 4 1.30 W	103 35 22.57	9488.99	184.29
	21693.00	88.92	174.68	12259.24	9550.89	-9556.02	-700.57	1.05	388822.80	771728.78	N 32 4 0.38 W	103 35 22.48	9581.66	184.19
	21788.00	89.13	177.28	12260.85	9645.68	-9650.76	-693.91	2.75	388728.05	771735.43	N 32 3 59.44 W	103 35 22.41	9675.68	184.11
	21883.00	88.70	177.78	12262.65	9740.60	-9745.66	-689.81	0.69	388633.16	771739.53	N 32 3 58.50 W	103 35 22.37	9770.04	184.05
	21977.00	88.64	177.41	12264.83	9834.52	-9839.55	-685.87	0.40	388539.27	771743.47	N 32 3 57.57 W	103 35 22.33	9863.42	183.99
	22106.00	90.94	178.23	12265.31	9963.45	-9968.44	-680.96	1.89	388410.38	771748.38	N 32 3 56.29 W	103 35 22.28	9991.68	183.91
Final Survey TD, PTB [100' FSL, 1160' FEL]	22132.00	90.94	178.23	12264.88	9989.44	-9994.43	-680.16	0.00	388384.40	771749.18	N 32 3 56.04 W	103 35 22.27	10017.55	183.89

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	23.000	1/98.425	14.750	10.750	A008Mb_MWD+IFR1+MS-Depth Only	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft
	1	23.000	23.000	Act Stns	14.750	10.750	A008Mb_MWD+IFR1+MS-Depth Only	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft
	1	23.000	1218.000	Act Stns	14.750	10.750	A008Mb_MWD+IFR1+MS	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft
	1	1218.000	11631.000	Act Stns	9.625	7.000	A008Mb_MWD+IFR1+MS	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft
	1	11631.000	12565.000	Act Stns	8.750	7.000	A008Mb_MWD+IFR1+MS	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft
	1	12565.000	22132.000	Act Stns	6.750	5.000	A008Mb_MWD+IFR1+MS	Red Hills 32-5 State Com #198H / Cimarex Red Hills 32-5 State Com #198H Corrected MWD to 22132ft

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 32-5 State Com		
								6. Well Number: 198H		
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 S253236A; Upr Wolfcamp				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	32	25S	33E		467	North	410	East	Lea
BH:	P	5	26S	33E		100	South	1161	East	Lea
13. Date Spudded 11/26/21	14. Date T.D. Reached 1/11/22		15. Date Rig Released 1/15/22		16. Date Completed (Ready to Produce) 5/17/22			17. Elevations (DF and RKB, RT, GR, etc.) 3389 GR		
18. Total Measured Depth of Well 22132			19. Plug Back Measured Depth 22108		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run Gamma		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12418 - 22088										
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		1024		14-3/4		869 sx		406 sx
7-5/8		29.7		12557		9-7/8		1569 sx		52 sx
5-1/2		23		11621		6-3/4		0		0
5		18		22212		6-3/4		1201 sx		Calc TOC @ 6697
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 12418-22088, .42, 1540 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12418-22088		281446341# MESH SAND		
28. PRODUCTION										
Date First Production 5/31/22		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 6/9/22	Hours Tested 24	Choke Size 19/64	Prod'n For Test Period	Oil - Bbl 1182	Gas - MCF 2370	Water - Bbl. 5704	Gas - Oil Ratio 2005			
Flow Tubing Press.	Casing Pressure 3282	Calculated 24-Hour Rate	Oil - Bbl. 1182	Gas - MCF 2370	Water - Bbl. 5704	Oil Gravity - API - (<i>Corr.</i>) 42.3				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By Coterra Rep		
31. List Attachments C102, 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 <i>Sarah Jordan</i>			Printed Name Sarah Jordan			Title Regulatory Analyst			Date 6/22/22	
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 4682	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 9053	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 12170	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

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 119362

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 119362
	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.

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CONDITIONS

Action 119362

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	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	8/28/2025