

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		² OGRID Number	
		³ Reason for Filing Code/ Effective Date	
⁴ API Number	⁵ Pool Name		⁶ Pool Code
⁷ Property Code	⁸ Property Name		⁹ Well Number

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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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
¹² Lse Code	¹³ Producing Method Code		¹⁴ Gas Connection Date		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

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTd	²⁵ Perforations	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
		2-7/8	11532		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
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: <i>Fatima Vasquez</i>			OIL CONSERVATION DIVISION		
Printed name:			Approved by:		
Title:			Title:		
E-mail Address:			Approval Date:		
Date:		Phone:			

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

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

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 746-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46294	² Pool Code 98158	³ Pool Name WC-025 G09 S253236A; UPR WOLFCAMP
⁴ Property Code 326032	⁵ Property Name RED HILLS 32-5 Federal Com	⁶ Well Number 155H
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO. of Colorado	⁹ Elevation 3409.8'

¹⁰Surface Location

UL or lot no. C	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 390	North/South line NORTH	Feet from the 2385	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. N	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 101	North/South line SOUTH	Feet from the 1993	East/West line WEST	County LEA
¹² Dedicated Acres 1280		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°05'35.68" (32.093245°)
LONGITUDE = 103°35'42.56" (103.595155°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°05'35.23" (32.093120°)
LONGITUDE = 103°35'40.86" (103.594684°)
STATE PLANE NAD 83 (N.M. EAST)
N: 398441.60' E: 769934.84'
STATE PLANE NAD 27 (N.M. EAST)
N: 398383.96' E: 728748.40'

NAD 83 (BHL/LTP)
LATITUDE = 32.065572
LONGITUDE = 103.596419

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

- = SURFACE HOLE LOCATION
 ◆ = LANDING POINT/FIRST TAKE POINT
 ⊙ = BOTTOM HOLE LOCATION
 /LAST TAKE POINT
 ▲ = SECTION CORNER LOCATED



SCALE

DRAWN BY: J.N. 05-03-18

REV: 6 J.A. 11-12-19

(BHL CHANGE)

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Fatima Vasquez 03/15/2022
Signature Date

Fatima Vasquez

Printed Name _____

fatima.vasquez@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.

May 01, 2018

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:



Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-22115ft (Surcon Corrected) Survey Geodetic Report (Def Survey)



Report Date:	December 17, 2020 - 08:32 AM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	Cimarex Energy	Vertical Section Azimuth:	179.604 ° (Grid North)
Field:	NM Lea County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Cimarex Red Hills 32-5 Fed Com #155H / New Slot	TVD Reference Datum:	RKB
Well:	Red Hills 32-5 Fed Com #155H	TVD Reference Elevation:	3435.800 ft above MSL
Borehole:	Red Hills 32-5 Fed Com #155H	Seabed / Ground Elevation:	3409.800 ft above MSL
UWI / API#:	Unknown / Unknown	Magnetic Declination:	6.551 °
Survey Name:	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-22115ft (Surcon Corrected)	Total Gravity Field Strength:	998.4285mgm (9.80665 Based)
Survey Date:	February 03, 2020	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	330.760 ° / 10706.088 ft / 6.804 / 0.870	Total Magnetic Field Strength:	47669.889 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.684 °
Location Lat / Long:	N 32° 5' 35.68059", W 103° 35' 42.55834"	Declination Date:	April 02, 2020
Location Grid N/E Y/X:	N 398441.600 RUS, E 769934.840 RUS	Magnetic Declination Model:	HDMG 2020
CRS Grid Convergence Angle:	0.3922 °	North Reference:	Grid North
Grid Scale Factor:	0.99996894	Grid Convergence Used:	0.3922 °
Version / Patch:	2.10.824.0	Total Corr Mag North->Grid North:	6.1586 °
		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 Azimuth (°)	Closure (ft)
SHL [390' FNL, 2385' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	398441.60	769934.84	N 32 5 35.68 W 103 35 42.56		0.00	0.00
	194.00	1.19	192.13	193.99	1.97	-1.97	-0.42	0.61	398439.63	769934.42	N 32 5 35.66 W 103 35 42.56		192.13	2.01
	294.00	1.05	192.74	293.97	3.87	-3.88	-0.84	0.14	398437.72	769934.00	N 32 5 35.64 W 103 35 42.57		192.27	3.97
	384.00	1.10	195.47	383.95	5.51	-5.52	-1.26	0.08	398436.08	769933.58	N 32 5 35.63 W 103 35 42.57		192.83	5.66
	475.00	1.01	201.53	474.94	7.09	-7.10	-1.78	0.16	398434.50	769933.06	N 32 5 35.61 W 103 35 42.58		194.09	7.32
	565.00	1.14	177.63	564.92	8.72	-8.74	-2.04	0.51	398432.86	769932.80	N 32 5 35.59 W 103 35 42.58		193.13	8.97
	655.00	1.36	139.48	654.90	10.43	-10.44	-1.31	0.94	398431.16	769933.53	N 32 5 35.58 W 103 35 42.57		187.13	10.52
	746.00	1.14	140.10	745.88	11.96	-11.96	-0.02	0.24	398429.64	769934.82	N 32 5 35.56 W 103 35 42.56		180.11	11.96
	836.00	1.23	146.25	835.86	13.45	-13.45	1.09	0.17	398428.15	769935.93	N 32 5 35.55 W 103 35 42.55		175.38	13.49
	928.00	1.05	157.24	927.84	15.06	-15.05	1.96	0.31	398426.55	769936.80	N 32 5 35.53 W 103 35 42.54		172.57	15.17
	981.00	1.05	159.78	980.83	15.97	-15.95	2.32	0.09	398425.65	769937.16	N 32 5 35.52 W 103 35 42.53		171.73	16.12
	1131.00	1.32	172.98	1130.80	18.97	-18.95	3.00	0.25	398422.65	769937.84	N 32 5 35.49 W 103 35 42.52		171.00	19.19
	1222.00	1.23	188.01	1221.78	20.98	-20.96	3.00	0.38	398420.64	769937.84	N 32 5 35.47 W 103 35 42.53		171.87	21.17
	1316.00	1.43	192.36	1315.75	23.12	-23.11	2.60	0.24	398418.49	769937.44	N 32 5 35.45 W 103 35 42.53		173.57	23.25
	1410.00	0.67	330.90	1409.74	23.79	-23.77	2.09	2.11	398417.83	769936.93	N 32 5 35.45 W 103 35 42.54		174.99	23.86
	1505.00	1.36	55.17	1504.73	22.66	-22.64	2.74	1.53	398418.96	769937.58	N 32 5 35.46 W 103 35 42.53		173.10	22.81
	1693.00	0.76	174.76	1692.71	22.64	-22.61	4.69	0.99	398418.99	769939.53	N 32 5 35.46 W 103 35 42.51		168.29	23.09
	1787.00	1.38	67.02	1786.70	22.83	-22.79	5.79	1.88	398418.81	769940.63	N 32 5 35.45 W 103 35 42.49		165.76	23.51
	1976.00	1.63	70.73	1975.64	21.08	-21.01	10.42	0.14	398420.59	769945.26	N 32 5 35.47 W 103 35 42.44		153.63	23.45
	2165.00	1.80	75.33	2164.55	19.48	-19.37	15.83	0.12	398422.23	769950.67	N 32 5 35.49 W 103 35 42.38		140.75	25.02
	2259.00	1.88	78.10	2258.51	18.81	-18.68	18.76	0.13	398422.92	769953.60	N 32 5 35.49 W 103 35 42.34		134.88	26.48
	2353.00	2.33	75.82	2352.44	18.05	-17.90	22.13	0.49	398423.70	769956.96	N 32 5 35.50 W 103 35 42.30		128.97	28.46
	2447.00	1.97	46.47	2446.38	16.49	-16.32	25.15	1.22	398425.29	769959.99	N 32 5 35.52 W 103 35 42.27		122.97	29.98
	2542.00	1.78	3.97	2541.33	13.90	-13.72	26.44	1.44	398427.88	769961.27	N 32 5 35.54 W 103 35 42.25		117.43	29.78
	2636.00	2.23	0.12	2635.27	10.62	-10.43	26.54	0.50	398431.17	769961.38	N 32 5 35.58 W 103 35 42.25		111.46	28.52
	2731.00	2.71	7.22	2730.19	6.54	-6.36	26.83	0.60	398435.24	769961.67	N 32 5 35.62 W 103 35 42.25		103.33	27.57
	2825.00	2.00	17.52	2824.11	2.78	-2.59	27.60	0.88	398439.01	769962.44	N 32 5 35.65 W 103 35 42.24		95.36	27.72
	2920.00	1.05	0.81	2919.07	0.33	-0.14	28.11	1.09	398441.46	769962.95	N 32 5 35.68 W 103 35 42.23		90.28	28.11
	3014.00	1.18	352.75	3013.05	-1.49	1.68	28.00	0.22	398443.28	769962.84	N 32 5 35.70 W 103 35 42.23		86.56	28.05
	3109.00	1.23	355.93	3108.03	-3.48	3.67	27.81	0.09	398445.27	769962.64	N 32 5 35.72 W 103 35 42.23		82.48	28.05
	3203.00	1.68	326.80	3202.00	-5.64	5.83	26.98	0.91	398447.43	769961.82	N 32 5 35.74 W 103 35 42.24		77.80	27.60
	3298.00	2.11	317.18	3296.95	-8.11	8.28	25.03	0.56	398449.88	769959.87	N 32 5 35.76 W 103 35 42.27		71.70	26.36
	3392.00	3.83	296.01	3390.82	-10.78	10.93	21.03	2.14	398452.52	769955.87	N 32 5 35.79 W 103 35 42.31		62.55	23.70
	3487.00	6.68	287.13	3485.42	-13.86	13.94	12.90	3.11	398455.54	769947.74	N 32 5 35.82 W 103 35 42.41		42.76	18.99
	3582.00	8.34	278.94	3579.60	-16.64	16.64	0.81	2.07	398458.24	769935.65	N 32 5 35.85 W 103 35 42.55		2.78	16.66
	3676.00	7.72	281.39	3672.68	-19.03	18.95	-12.12	0.75	398460.55	769922.73	N 32 5 35.87 W 103 35 42.70		327.41	22.49
	3771.00	7.20	273.26	3766.88	-20.72	20.55	-24.31	1.24	398462.15	769910.53	N 32 5 35.89 W 103 35 42.84		310.20	31.83
	3865.00	5.59	272.81	3860.29	-21.35	21.11	-34.77	1.71	398462.71	769900.07	N 32 5 35.89 W 103 35 42.96		301.26	40.67
	3960.00	5.75	269.32	3954.83	-21.58	21.28	-44.15	0.40	398462.88	769890.69	N 32 5 35.89 W 103 35 43.07		295.73	49.01
	4055.00	6.13	264.94	4049.32	-21.15	20.77	-53.96	0.62	398462.37	769880.88	N 32 5 35.89 W 103 35 43.18		291.06	57.82
	4149.00	5.28	268.14	4142.85	-20.63	20.19	-63.28	0.97	398461.79	769871.56	N 32 5 35.88 W 103 35 43.29		287.70	66.43
	4244.00	4.74	259.26	4237.49	-19.81	19.32	-71.51	0.99	398460.92	769863.33	N 32 5 35.88 W 103 35 43.39		285.12	74.07
	4432.00	4.75	260.12	4424.84	-17.13	16.53	-86.81	0.04	398458.13	769848.03	N 32 5 35.85 W 103 35 43.57		280.78	88.37
	4527.00	4.46	258.19	4519.54	-15.76	15.10	-94.30	0.39	398456.70	769840.54	N 32 5 35.84 W 103 35 43.65		279.10	95.50
	4621.00	5.26	261.17	4613.20	-14.40	13.69	-102.13	0.89	398455.29	769832.71	N 32 5 35.82 W 103 35 43.74		277.64	103.05
	4715.00	6.00	274.96	4706.75	-14.23	13.46	-111.29	1.63	398455.06	769823.56	N 32 5 35.82 W 103 35 43.85		276.90	112.10
	4810.00	7.33	278.07	4801.10	-15.58	14.74	-122.23	1.45	398456.34	769812.61	N 32 5 35.83 W 103 35 43.98		276.87	123.12
	4904.00	7.74	279.88	4894.29	-17.59	16.67	-134.41	0.50	398458.27	769800.44	N 32 5 35.85 W 103 35 44.12		277.07	135.44
	4999.00	6.85	272.01	4988.53	-18.97	17.96	-146.37	1.41	398459.56	769788.47	N 32 5 35.87 W 103 35 44.26		277.00	147.47
	5093.00	7.06	268.75	5081.83	-19.12	18.03	-157.75	0.48	398459.63	769777.10	N 32 5 35.87 W 103 35 44.39		276.52	158.78
	5187.00	7.07	266.64	5175.12	-18.74	17.57	-169.30	0.28	398459.17	769765.55	N 32 5 35.87 W 103 35 44.52		275.92	170.21
	5282.00	7.20	268.77	5269.38	-18.35	17.10	-181.09	0.31	398458.70	769753.76	N 32 5 35.86 W 103 35 44.66		275.39	181.89
	5377.00	7.19	269.15	5363.64	-18.21	16.88	-192.98	0.05	398458.48	769741.86	N 32 5 35.86 W 103 35 44.80		275.00	193.72
	5471.00	6.80	272.46	5456.94	-18.45	17.03	-204.43	0.60	398458.63	769730.42	N 32 5 35.86 W 103 35 44.93		274.76	205.13
	5565.00	6.45	272.18	5550.31	-18.96	17.47	-215.26	0.37	398459.07	769719.59	N 32 5 35.87 W 103 35 45.06		274.64	215.97
	5660.00	5.99	270.44	5644.75	-19.27	17.71	-225.55	0.52	398459.31	769709.30	N 32 5 35.87 W 103 35 45.18		274.49	226.25
	5754.00	5.76	270.04	5738.64	-19.38	17.75	-235.17	0.25	398459.35	769699.68	N 32 5 35.87 W 103 35 45.29		274.32	235.84
	5848.00	5.79	268.71	5831.78	-19.34	17.65	-244.63	0.15	398459.25	769690.22	N 32 5 35.87 W 103 35 45.40		274.13	245.27
	5943.00	5.35	271.60	5926.33	-19.42	17.67	-253.85	0.55	398459.27	769681.00	N 32 5 35.87 W 103 35 45.51		273.98	254.46
	6037.00	5.56	271.63	6019.91	-19.73	17.92	-262.78	0.22	398459.52	769672.07	N 32 5 35.88 W 103 35 45.61		273.90	263.39
	6131.00	6.25	268.63	6113.41	-19.81	17.93	-272.45	0.80	398459.53	769662.40	N 32 5 35.88 W 103 35 45.72		273.76	273.04
	6225.00	6.55	266.77	6206.82	-19.46	17.50	-282.92	0.39	398459.10	769651.93	N 32 5 35.87 W 103 35 45.85		273.54	283.46
	6320.00	6.39	266.28	6301.22	-18.88	16.85	-293.60	0.18	398458.45	769641.25	N 32 5 35.87 W 103 35 45.97		273.29	294.08
	6414.00	6.56	264.62	6394.62	-18.11	16.01	-304.17	0.27	398457.61	769630.68	N 32 5 35.86 W 103 35 46.09		273.01	304.59
	6518.00	6.59	263.78	6488.00	-17.10	14.92	-314.87	0.11	398456.52	769619.98	N 32 5 35.85 W 103 35 46.22		272.71	315.23
	6602.00	6.46	264.73	6581.39	-16.10	13.85	-325.50	0.18	398455.45	769609.35	N 32 5 35.84 W 103 35 46.34		272.44	325.80
	6697.00	6.21	262.											

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 Azimuth (°)	Closure (ft)	
	9056.00	1.45	215.87	9032.76	26.59	-29.40	-405.73	0.57	398412.20	769529.13	N 32	5 35.42	W 103 35 47.28	265.86	406.79
	9149.00	1.32	214.68	9125.74	28.42	-31.23	-407.03	0.14	398410.37	769527.93	N 32	5 35.40	W 103 35 47.38	265.61	408.22
	9243.00	1.71	222.37	9219.70	30.33	-33.16	-408.59	0.47	398408.44	769526.27	N 32	5 35.38	W 103 35 47.31	265.36	409.93
	9338.00	1.82	201.67	9314.66	32.77	-35.61	-410.10	0.68	398405.99	769524.75	N 32	5 35.36	W 103 35 47.33	265.04	411.64
	9432.00	0.94	212.93	9408.63	34.80	-37.64	-411.07	0.98	398403.96	769523.78	N 32	5 35.34	W 103 35 47.34	264.77	412.79
	9526.00	1.00	265.51	9502.62	35.50	-38.35	-412.31	0.92	398403.25	769522.55	N 32	5 35.33	W 103 35 47.35	264.69	414.09
	9621.00	1.33	248.99	9597.60	35.95	-38.81	-414.16	0.49	398402.79	769520.69	N 32	5 35.32	W 103 35 47.38	264.65	415.98
	9715.00	4.87	193.24	9691.46	40.21	-43.09	-416.10	4.54	398398.51	769518.76	N 32	5 35.28	W 103 35 47.40	264.09	418.32
	9810.00	4.95	196.67	9786.11	48.05	-50.94	-418.20	0.32	398390.66	769516.66	N 32	5 35.20	W 103 35 47.42	263.05	421.29
	9841.00	4.19	201.56	9817.02	50.38	-53.28	-419.00	2.75	398388.33	769515.86	N 32	5 35.18	W 103 35 47.43	262.75	422.37
	9872.00	3.83	198.20	9847.94	52.41	-55.31	-419.74	1.39	398386.29	769515.12	N 32	5 35.16	W 103 35 47.44	262.49	423.36
	9904.00	3.23	198.57	9879.88	54.28	-57.18	-420.36	1.88	398384.42	769514.50	N 32	5 35.14	W 103 35 47.45	262.25	424.23
	9935.00	2.59	190.25	9910.84	55.79	-58.70	-420.76	2.47	398382.90	769514.09	N 32	5 35.13	W 103 35 47.45	262.06	424.83
	9967.00	2.25	184.11	9942.81	57.13	-60.04	-420.93	1.33	398381.56	769513.92	N 32	5 35.11	W 103 35 47.46	261.88	425.19
	9998.00	1.95	180.83	9973.79	58.26	-61.17	-420.98	1.04	398380.43	769513.87	N 32	5 35.10	W 103 35 47.46	261.73	425.41
	10030.00	1.74	172.25	10005.77	59.29	-62.20	-420.93	1.08	398379.40	769513.93	N 32	5 35.09	W 103 35 47.46	261.59	425.50
	10061.00	1.57	180.31	10036.76	60.18	-63.09	-420.87	0.93	398378.51	769513.99	N 32	5 35.08	W 103 35 47.46	261.47	425.57
	10093.00	1.38	174.00	10068.75	61.00	-63.91	-420.83	0.78	398377.69	769514.03	N 32	5 35.08	W 103 35 47.46	261.36	425.65
	10124.00	1.38	166.14	10099.74	61.73	-64.64	-420.70	0.61	398376.96	769514.16	N 32	5 35.07	W 103 35 47.45	261.26	425.64
	10156.00	1.07	161.04	10131.73	62.39	-65.30	-420.51	1.03	398376.30	769514.34	N 32	5 35.06	W 103 35 47.45	261.17	425.55
	10187.00	0.87	161.11	10162.73	62.89	-65.80	-420.34	0.65	398375.81	769514.51	N 32	5 35.06	W 103 35 47.45	261.10	425.46
	10282.00	0.64	138.47	10257.72	63.97	-66.88	-419.75	0.39	398374.73	769515.10	N 32	5 35.05	W 103 35 47.44	260.95	425.05
	10378.00	1.79	179.28	10354.71	65.43	-67.33	-419.35	14.73	398373.27	769515.47	N 32	5 35.03	W 103 35 47.44	260.75	424.91
	10473.00	1.28	174.56	10448.69	67.49	-70.39	-419.27	0.12	398371.21	769515.58	N 32	5 35.01	W 103 35 47.44	260.47	425.14
	10567.00	2.13	134.69	10542.65	69.78	-72.67	-417.93	1.50	398368.93	769516.93	N 32	5 34.99	W 103 35 47.42	260.14	424.20
	10661.00	1.49	136.20	10636.60	71.90	-74.78	-415.84	0.68	398366.82	769519.01	N 32	5 34.97	W 103 35 47.40	259.81	422.51
	10756.00	0.91	95.46	10731.58	72.88	-75.74	-414.23	1.05	398365.86	769520.62	N 32	5 34.96	W 103 35 47.38	259.64	421.10
	10850.00	0.99	161.03	10825.57	73.72	-76.58	-413.23	1.10	398365.02	769521.63	N 32	5 34.95	W 103 35 47.37	259.50	420.26
	10945.00	1.88	355.54	10920.56	72.95	-75.80	-413.08	3.00	398365.80	769521.77	N 32	5 34.96	W 103 35 47.37	259.60	419.98
	11039.00	3.56	2.24	11014.45	68.49	-71.35	-413.09	1.82	398370.25	769521.77	N 32	5 35.00	W 103 35 47.37	260.20	419.20
	11133.00	3.36	355.64	11108.28	62.83	-65.69	-413.18	0.47	398375.92	769521.67	N 32	5 35.06	W 103 35 47.37	260.97	418.37
	11228.00	3.70	336.22	11203.10	57.24	-60.11	-414.63	1.30	398381.50	769520.22	N 32	5 35.11	W 103 35 47.38	261.75	418.96
	11322.00	1.32	132.88	11296.88	51.43	-61.33	-417.33	0.37	398387.28	769517.52	N 32	5 35.17	W 103 35 47.41	262.58	420.85
	11511.00	4.00	329.80	11485.41	59.64	-42.57	-423.61	0.16	398339.65	769521.32	N 32	5 35.29	W 103 35 47.49	264.26	425.79
	11605.00	5.25	336.03	11579.10	32.85	-35.81	-427.01	1.43	398405.79	769507.85	N 32	5 35.36	W 103 35 47.52	265.21	428.51
	11672.00	6.54	336.57	11645.75	26.53	-29.50	-429.77	1.93	398412.10	769505.08	N 32	5 35.42	W 103 35 47.56	266.07	430.78
KOP [411' FNL, 1952' FWL]	11749.00	3.26	345.88	11722.46	20.37	-23.36	-432.05	4.37	398418.25	769502.80	N 32	5 35.48	W 103 35 47.58	266.91	432.68
First SLB Survey	11759.00	2.85	348.64	11732.44	19.85	-22.84	-432.17	4.37	398418.76	769502.69	N 32	5 35.48	W 103 35 47.58	266.98	432.77
	11790.00	2.97	102.87	11763.42	19.28	-22.26	-431.54	15.77	398419.34	769503.32	N 32	5 35.49	W 103 35 47.58	267.05	432.11
	11822.00	6.35	140.11	11795.32	20.83	-23.80	-429.59	13.66	398417.80	769505.26	N 32	5 35.47	W 103 35 47.55	266.83	430.25
	11853.00	10.84	145.83	11826.88	24.58	-25.33	-427.85	14.73	398414.53	769508.00	N 32	5 35.44	W 103 35 47.57	266.31	427.74
	11885.00	15.15	148.78	11857.13	30.68	-33.60	-423.00	13.62	398408.00	769511.86	N 32	5 35.38	W 103 35 47.48	265.46	424.33
	11916.00	19.68	151.36	11886.71	38.76	-41.65	-418.39	14.82	398399.95	769516.46	N 32	5 35.30	W 103 35 47.42	264.32	420.46
	11948.00	23.39	155.74	11916.47	49.32	-52.17	-413.20	12.63	398389.43	769521.66	N 32	5 35.19	W 103 35 47.37	262.80	416.48
	11979.00	27.31	161.38	11944.48	61.71	-64.53	-408.40	14.84	398377.07	769526.46	N 32	5 35.07	W 103 35 47.31	261.02	413.46
	12011.00	29.73	170.30	11972.61	76.52	-79.32	-404.71	15.29	398362.29	769530.14	N 32	5 34.92	W 103 35 47.27	258.91	412.41
	12042.00	33.45	177.81	11999.02	92.65	-95.44	-403.09	17.45	398346.16	769531.76	N 32	5 34.76	W 103 35 47.25	256.68	414.23
	12089.00	37.99	178.99	12037.17	120.08	-122.86	-402.34	9.77	398318.74	769532.51	N 32	5 34.49	W 103 35 47.24	253.02	420.68
	12136.00	43.16	175.34	12072.86	150.60	-153.37	-400.78	12.10	398288.28	769534.08	N 32	5 34.19	W 103 35 47.23	249.06	429.12
	12183.00	49.71	175.38	12105.24	184.54	-187.30	-398.02	13.94	398254.31	769536.83	N 32	5 33.85	W 103 35 47.20	244.80	439.89
	12231.00	54.39	172.77	12134.38	225.04	-225.05	-395.45	10.31	398219.05	769539.94	N 32	5 33.48	W 103 35 47.15	240.36	455.00
	12278.00	57.65	176.95	12161.01	261.24	-263.96	-393.32	6.94	398177.65	769541.54	N 32	5 33.10	W 103 35 47.15	236.13	473.68
	12325.00	61.14	181.41	12184.95	301.67	-304.39	-392.77	11.04	398137.22	769542.09	N 32	5 33.07	W 103 35 47.15	232.22	496.91
	12357.00	64.58	182.55	12199.54	330.11	-332.84	-393.75	11.21	398108.77	769541.10	N 32	5 33.24	W 103 35 47.16	229.79	515.58
	12388.00	66.35	183.05	12212.42	358.27	-361.01	-395.13	5.90	398080.60	769539.72	N 32	5 33.24	W 103 35 47.18	227.58	535.22
First Take Point [1985' FWL, 778' FNL]	12420.00	68.71	182.39	12224.65	387.79	-390.54	-396.53	7.62	398051.07	769538.32	N 32	5 33.84	W 103 35 47.20	225.44	556.56
	12451.00	71.50	181.28	12235.19	416.92	-419.67	-397.46	9.61	398021.94	769537.39	N 32	5 33.55	W 103 35 47.21	223.44	578.02
	12537.00	74.70	180.51	12260.19	499.17	-501.94	-396.74	3.62	397939.68	769536.11	N 32	5 33.07	W 103 35 47.23	218.46	641.05
	12568.00	74.47	180.75	12286.43	529.07	-531.82	-396.07	1.05	397909.80	769535.78	N 32	5 33.45	W 103 35 47.28	216.88	664.90
	12606.00	76.51	180.19	12277.95	565.83	-568.61	-399.37	5.55	397873.01	769535.48	N 32	5 33.08	W 103 35 47.25	215.08	694.85
	12631.00	78.23	181.01	12283.42	590.22	-593.00	-399.63	7.59	397848.62	769535.22	N 32	5 32.98	W 103 35 47.25	213.98	715.09
	12726.00	86.76	185.17	12295.82	684.12	-686.94	-404.73	9.97	397754.68	769530.12	N 32	5 32.91	W 103 35 47.32	210.51	797.30
	12820.00	87.64	187.03	12300.41	777.40	-780.29	-414.71	2.19	397661.34	769520.14	N 32	5 32.79	W 103 35 47.44	207.99	883.65
	12915.00	91.39	185.83	12301.22	871.71	-874.67	-425.35	4.14	397566.96	769509.51	N 32	5 32.05	W 103 35 47.57	205.93	972.61
	12946.00	93.73	183.31	12299.83	902.56	-905.54	-427.82	11.09	397536.09	769507.04	N 32	5 32.75	W 103 35 47.60	205.29	1001.59
	12978.00	95.13	180.73	122											

Survey Type:		Def Survey						
Survey Error Model:		ISCWSA Rev 0 *** 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	26.000	1/98.425	17.500	13.375	NAL_MWD_IFR1+MS-Depth Only	Red Hills 32-5 Fed Com #155H / Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	26.000	26.000	Act Stns	17.500	13.375	NAL_MWD_IFR1+MS-Depth Only	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	26.000	145.000	Act Stns	17.500	13.375	NAL_MWD_IFR1+MS	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	145.000	1052.000	Act Stns	14.750	10.750	NAL_MWD_IFR1+MS	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	1052.000	11740.000	Act Stns	9.875	7.625	NAL_MWD_IFR1+MS	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	11740.000	12520.000	Act Stns	8.750	7.625	NAL_MWD_IFR1+MS	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /
	1	12520.000	22115.000	Act Stns	6.750	5.000	NAL_MWD_IFR1+MS	Final Surveys - Cimarex Red Hills 32-5 Fed Com #155H MWD Off-Red Hills 32-5 Fed Com #155H /

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)								1. WELL API NO.		
								2. Type of Lease ☐ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name								6. Well Number:		
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator						9. OGRID				
10. Address of Operator						11. Pool name or Wildcat				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)								30. Test Witnessed By		
31. List Attachments										
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>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</i>										
Signature <i>Fatima Vasquez</i>			Printed Name			Title			Date	
E-mail Address										

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	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	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	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

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 124337

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 124337
	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/ocd/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 124337

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 124337
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/8/2025