

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil 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 TAP ROCK OPERATING, LLC 523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401		² OGRID Number 372043
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 0 25-49805	⁵ Pool Name RED HILLS; BONE SPRING, NORTH	⁶ Pool Code 96434
⁷ Property Code 329919	⁸ Property Name MANDELBAUM FEE	⁹ Well Number 122H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	11	24S	34E	-	1054	SOUTH	2462	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
C	11	24S	34E	-	37	NORTH	1762	WEST	LEA
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/29/2022	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
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	O
371960	LUCID ENERGY GROUP 3100 MCKINNON ST #800 DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
3/12/2022	6/21/2022	16102'	16040'	11069 ft to 15955 ft	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1213'	802 sks		
12.25"	9.625"	5516'	1100 sks		
8.75"/7.875"	5.5"	16087'	1475 sks		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
6/29/2022	6/29/2022	7/15/2022	24 hrs.	0	1200
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
40/64	1865	3117	2503		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:			OIL CONSERVATION DIVISION		
Printed name: Jeff Trlica			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: jtrlica@taprk.com			Approval Date: 11/28/2023		
Date: 7/20/2022		Phone: 720-771-5910			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49805	² Pool Code 96434	³ Pool Name RED HILLS; BONE SPRING, NORTH
⁴ Property Code 329919	⁵ Property Name MANDELBAUM FEE	⁶ Well Number 122H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3486'

¹⁰Surface Location

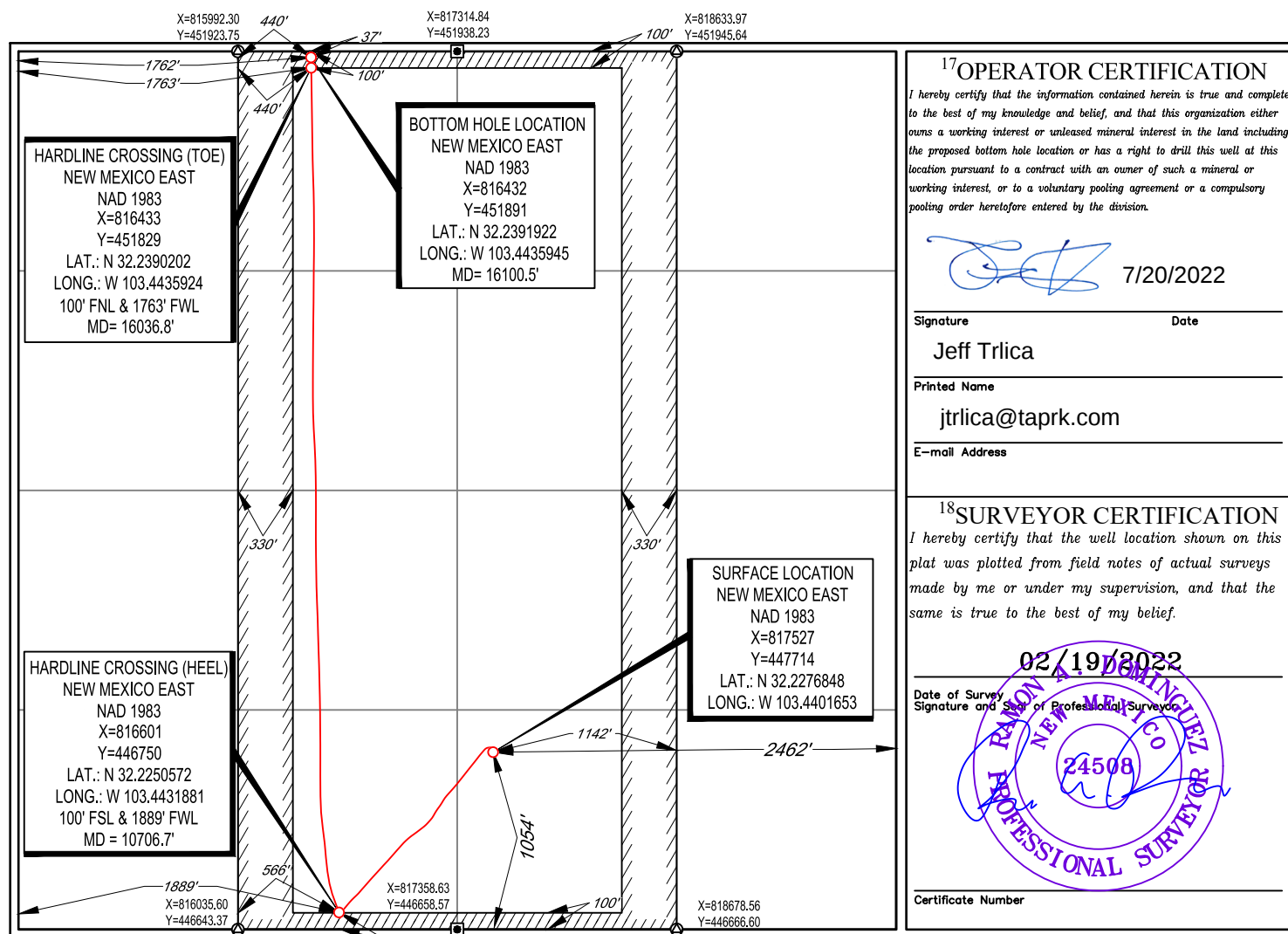
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	11	24-S	34-E	-	1054'	SOUTH	2462'	EAST	LEA

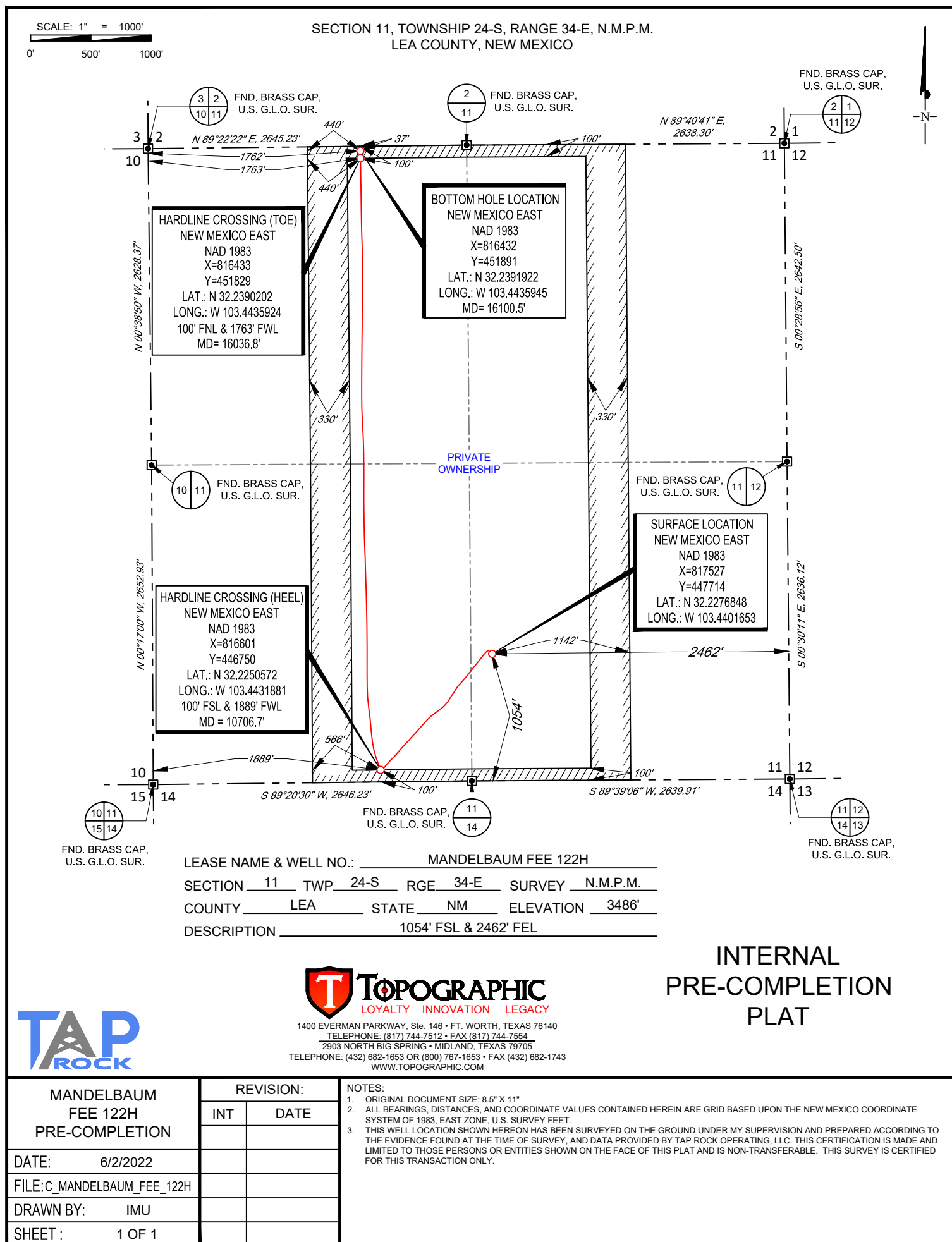
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	24-S	34-E	-	37'	NORTH	1762'	WEST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.







Operator: Tap Rock Resources LLC
Well Name: Mandelbaum Fee #122H
County: Lea
State: New Mexico
Rig Name: H&P 312
API: 30-025-49805

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 151' MD – 16036' MD
Projection to Bit: 16102' MD
Dates Performed: 3/12/2021 – 3/25/2022
Type of Survey: MWD

Sincerely,

A handwritten signature in black ink, appearing to read "T. Henk".

Travis Henk
MWD Operations Manager
Intrepid Directional Drilling Specialists





Operator: Tap Rock Resources, LLC.

Well Name: Mandelbaum Fee 122H

Job Number: ID3316

Survey Company: Intrepid Directional Drilling Specialists

Rig Name: H&P 312

Target KBTVD: 10,989.1'

Target Inclination: 94.50°

Declination Correction: 5.86°

DF Elevation: 3,513'

Vertical Section Calculated Along Azimuth: 359.54°

Survey Calculation Method: Minimum Curvature

TIE PT. TYPE	SVY #	Survey Depth	INC deg.	AZM deg.	Course Length	TVD Ft.	V'Sect FT.	+N/-S Ft.	+E/-W Ft.	Dogleg %/100'
Tie In	0	0	0.00	0.00	0	0	0	0	0	0.00
MWD	1	151	0.66	177.07	151	151.00	-0.87	-0.87	0.04	0.44
MWD	2	243	0.97	181.55	92	242.99	-2.18	-2.18	0.05	0.34
MWD	3	325	1.14	183.14	82	324.97	-3.68	-3.68	-0.01	0.21
MWD	4	511	0.75	344.94	186	510.96	-4.35	-4.36	-0.43	1.00
MWD	5	603	1.14	330.26	92	602.95	-2.97	-2.98	-1.04	0.50
MWD	6	696	0.92	338.53	93	695.94	-1.47	-1.48	-1.77	0.28
MWD	7	789	0.70	359.27	93	788.93	-0.20	-0.22	-2.05	0.39
MWD	8	882	0.44	13.77	93	881.92	0.71	0.70	-1.98	0.32
MWD	9	975	0.79	350.65	93	974.92	1.69	1.67	-2.00	0.45
MWD	10	1067	0.75	22.65	92	1066.91	2.87	2.86	-1.87	0.46
MWD	11	1159	1.23	343.54	92	1158.90	4.37	4.36	-1.91	0.87
MWD	12	1250	2.37	335.27	91	1249.85	7.03	7.00	-2.98	1.28
MWD	13	1343	2.24	337.38	93	1342.77	10.46	10.43	-4.48	0.17
MWD	14	1435	1.93	340.02	92	1434.71	13.59	13.54	-5.70	0.35
MWD	15	1528	1.93	341.51	93	1527.66	16.56	16.50	-6.73	0.05
MWD	16	1716	2.24	346.17	188	1715.54	23.14	23.07	-8.62	0.19
MWD	17	1811	1.85	325.08	95	1810.48	26.21	26.13	-9.94	0.89
MWD	18	1907	2.15	285.53	96	1906.42	27.98	27.88	-12.56	1.44
MWD	19	2002	3.30	269.80	95	2001.31	28.49	28.35	-17.01	1.43
MWD	20	2098	4.53	264.87	96	2097.09	28.19	28.00	-23.55	1.33
MWD	21	2193	5.27	258.99	95	2191.74	27.09	26.83	-31.57	0.94
MWD	22	2288	5.71	243.69	95	2286.31	24.23	23.91	-40.09	1.60
MWD	23	2384	6.02	226.55	96	2381.82	18.71	18.33	-48.03	1.85
MWD	24	2480	7.56	220.49	96	2477.14	10.51	10.06	-55.78	1.77
MWD	25	2575	8.18	220.14	95	2571.25	0.66	0.14	-64.20	0.65
MWD	26	2670	8.84	221.10	95	2665.20	-9.94	-10.52	-73.35	0.71
MWD	27	2765	9.85	217.94	95	2758.94	-21.77	-22.43	-83.15	1.19
MWD	28	2861	10.24	217.15	96	2853.47	-34.96	-35.71	-93.35	0.43
MWD	29	2956	10.07	218.38	95	2946.98	-48.12	-48.95	-103.60	0.29
MWD	30	3052	9.76	218.73	96	3041.54	-60.96	-61.88	-113.91	0.33
MWD	31	3147	10.77	218.82	95	3135.02	-74.08	-75.08	-124.51	1.06
MWD	32	3242	12.57	218.82	95	3228.05	-88.95	-90.05	-136.55	1.89
MWD	33	3338	12.66	218.29	96	3321.74	-105.24	-106.44	-149.62	0.15
MWD	34	3433	12.44	218.29	95	3414.47	-121.34	-122.65	-162.41	0.23
MWD	35	3529	12.04	218.12	96	3508.28	-137.23	-138.64	-175.00	0.42
MWD	36	3624	11.65	218.82	95	3601.26	-152.40	-153.91	-187.13	0.44
MWD	37	3720	11.21	218.73	96	3695.36	-167.14	-168.74	-199.04	0.46
MWD	38	3815	10.77	218.03	95	3788.62	-181.24	-182.93	-210.29	0.48
MWD	39	3910	10.37	220.05	95	3882.00	-194.69	-196.47	-221.26	0.57
MWD	40	4005	10.37	220.66	95	3975.45	-207.63	-209.50	-232.33	0.12
MWD	41	4101	10.29	221.46	96	4069.90	-220.52	-222.48	-243.64	0.17
MWD	42	4196	10.29	222.42	95	4163.37	-233.05	-235.10	-254.98	0.18
MWD	43	4291	11.16	221.81	95	4256.71	-246.07	-248.22	-266.83	0.92
MWD	44	4387	11.52	221.46	96	4350.83	-260.08	-262.33	-279.37	0.38
MWD	45	4482	10.37	215.13	95	4444.11	-274.09	-276.43	-290.58	1.75
MWD	46	4576	10.51	210.21	94	4536.55	-288.35	-290.76	-299.76	0.96
MWD	47	4672	11.43	211.17	96	4630.80	-303.98	-306.47	-309.09	0.98
MWD	48	4767	11.96	215.48	95	4723.83	-319.96	-322.54	-319.67	1.08
MWD	49	4863	10.81	217.24	96	4817.94	-335.14	-337.80	-330.90	1.25
MWD	50	4958	10.24	212.32	95	4911.34	-349.29	-352.03	-340.80	1.12
MWD	51	5054	10.11	210.73	96	5005.83	-363.67	-366.49	-349.67	0.32
MWD	52	5149	10.15	207.57	95	5099.35	-378.19	-381.07	-357.80	0.59
MWD	53	5245	9.54	216.62	96	5193.94	-392.00	-394.96	-366.47	1.73
MWD	54	5340	9.27	221.54	95	5287.67	-403.97	-407.01	-376.24	0.89
MWD	55	5436	8.35	221.98	96	5382.53	-414.86	-417.97	-386.03	0.96
MWD	56	5461	8.26	221.37	25	5407.27	-417.54	-420.67	-388.43	0.50
MWD	57	5526	7.65	223.39	65	5471.64	-424.14	-427.32	-394.48	1.03
MWD	58	5621	7.87	224.09	95	5565.77	-433.33	-436.59	-403.35	0.25
MWD	59	5717	9.67	231.21	96	5660.65	-443.02	-446.36	-414.21	2.19
MWD	60	5813	12.13	232.35	96	5754.91	-454.12	-457.57	-428.49	2.57
MWD	61	5908	12.26	232.53	95	5847.77	-466.22	-469.81	-444.39	0.14
MWD	62	6004	12.4	233.23	96	5941.55	-478.46	-482.18	-460.74	0.21

MWD	63	6099	12.26	234.73	95	6034.36	-490.26	-494.11	-477.15	0.37
MWD	64	6195	12.26	234.2	96	6128.17	-501.97	-505.95	-493.73	0.12
MWD	65	6290	11.87	227.43	95	6221.08	-514.36	-518.47	-509.11	1.54
MWD	66	6386	10.64	229.01	96	6315.23	-526.74	-530.96	-523.07	1.32
MWD	67	6481	12.4	223.57	95	6408.32	-539.78	-544.10	-536.72	2.18
MWD	68	6577	12.84	221.19	96	6502.00	-555.16	-559.60	-550.85	0.71
MWD	69	6672	12.22	221.98	95	6594.73	-570.46	-575.02	-564.53	0.68
MWD	70	6768	12.18	221.81	96	6688.57	-585.46	-590.12	-578.08	0.06
MWD	71	6863	12.48	220.84	95	6781.38	-600.58	-605.35	-591.47	0.38
MWD	72	6959	12.7	221.54	96	6875.07	-616.22	-621.10	-605.25	0.28
MWD	73	7054	12.57	221.19	95	6967.77	-631.70	-636.69	-618.98	0.16
MWD	74	7150	12.22	221.72	96	7061.53	-647.04	-652.14	-632.63	0.38
MWD	75	7245	11.34	224.62	95	7154.53	-661.08	-666.29	-645.88	1.12
MWD	76	7341	12.18	221.98	96	7248.51	-675.22	-680.54	-659.28	1.04
MWD	77	7436	11.69	221.9	95	7341.46	-689.73	-695.15	-672.41	0.52
MWD	78	7532	12.53	222.42	96	7435.32	-704.55	-710.08	-685.93	0.88
MWD	79	7628	12.57	222.6	96	7529.03	-719.81	-725.46	-700.03	0.06
MWD	80	7723	11.82	222.69	95	7621.88	-734.46	-740.22	-713.62	0.79
MWD	81	7818	12.35	222.25	95	7714.78	-749.03	-754.89	-727.05	0.57
MWD	82	7913	11.34	221.54	95	7807.75	-763.43	-769.40	-740.07	1.07
MWD	83	8009	10.2	220.49	96	7902.06	-776.87	-782.93	-751.85	1.20
MWD	84	8104	10.2	221.19	95	7995.56	-789.51	-795.66	-762.85	0.13
MWD	85	8200	11.6	221.98	96	8089.83	-802.98	-809.23	-774.91	1.47
MWD	86	8295	11.52	221.46	95	8182.90	-817.09	-823.44	-787.58	0.14
MWD	87	8391	9.76	219.35	96	8277.24	-830.47	-836.92	-799.09	1.88
MWD	88	8486	10.2	222.69	95	8370.81	-842.80	-849.32	-809.89	0.77
MWD	89	8582	11.25	226.64	96	8465.13	-855.37	-862.00	-822.47	1.33
MWD	90	8677	10.95	227.26	95	8558.35	-867.75	-874.49	-835.83	0.34
MWD	91	8772	10.73	223.83	95	8651.66	-880.15	-886.99	-848.58	0.72
MWD	92	8867	12.18	221.54	95	8744.76	-893.93	-900.87	-861.35	1.60
MWD	93	8962	10.29	219.61	95	8837.94	-907.87	-914.91	-873.41	2.03
MWD	94	9057	10.37	219.35	95	8931.40	-920.93	-928.06	-884.24	0.10
MWD	95	9153	9.49	220.66	96	9025.96	-933.53	-940.75	-894.88	0.95
MWD	96	9248	7.08	216.62	95	9119.96	-944.10	-951.39	-903.47	2.61
MWD	97	9343	6.86	217.24	95	9214.26	-953.26	-960.60	-910.40	0.24
MWD	98	9439	5.32	210.65	96	9309.72	-961.61	-969.00	-916.14	1.76
MWD	99	9533	3.82	197.20	94	9403.42	-968.33	-975.74	-919.28	1.95
MWD	100	9628	4.00	196.23	95	9498.20	-974.52	-981.94	-921.15	0.20
MWD	101	9724	2.24	192.89	96	9594.05	-979.55	-986.99	-922.50	1.84
MWD	102	9819	1.23	189.46	95	9689.01	-982.36	-989.80	-923.08	1.07
MWD	103	9915	1.32	164.15	96	9784.98	-984.44	-991.88	-922.95	0.59
MWD	104	10010	1.01	174.96	95	9879.97	-986.33	-993.77	-922.58	0.40
MWD	105	10105	1.41	165.47	95	9974.94	-988.30	-995.73	-922.21	0.47
MWD	106	10201	0.97	125.92	96	10070.92	-989.93	-997.35	-921.26	0.94
MWD	107	10296	0.75	63.25	95	10165.92	-990.13	-997.55	-920.05	0.96
MWD	108	10392	2.37	6.21	96	10261.88	-987.88	-995.29	-919.27	2.15
MWD	109	10487	3.34	359.00	95	10356.76	-983.16	-990.57	-919.11	1.09
MWD	110	10582	3.74	355.84	95	10451.58	-977.30	-984.71	-919.38	0.47
MWD	111	10677	12.40	337.30	95	10545.56	-964.74	-972.19	-923.55	9.40
MWD	112	10773	23.03	339.93	96	10636.88	-937.43	-944.96	-934.00	11.10
MWD	113	10868	31.96	339.67	95	10721.06	-896.20	-903.85	-949.15	9.40
MWD	114	10964	37.89	340.55	96	10799.74	-844.38	-852.18	-967.81	6.20
MWD	115	11059	46.90	349.16	95	10869.89	-782.50	-790.43	-984.09	11.26
MWD	116	11154	53.89	351.53	95	10930.42	-710.29	-718.31	-996.28	7.60
MWD	117	11250	61.93	355.84	96	10981.39	-629.47	-637.56	-1005.08	9.20
MWD	118	11346	74.68	354.17	96	11016.81	-540.74	-548.89	-1012.89	13.38
MWD	119	11441	89.41	351.62	95	11029.92	-447.55	-455.79	-1024.53	15.73
MWD	120	11536	97.01	356.19	95	11024.60	-353.26	-361.57	-1034.61	9.33
MWD	121	11632	97.05	359.36	96	11012.85	-258.04	-266.38	-1038.31	3.28
MWD	122	11660	97.45	359.53	28	11009.32	-230.26	-238.61	-1038.58	1.55
MWD	123	11756	98.68	359.71	96	10995.85	-135.21	-143.56	-1039.21	1.29
MWD	124	11851	97.05	0.50	95	10982.85	-41.11	-49.46	-1039.03	1.90
MWD	125	11947	95.60	359.44	96	10972.27	54.30	45.95	-1039.08	1.87
MWD	126	12042	93.45	359.53	95	10964.78	148.99	140.65	-1039.93	2.27
MWD	127	12138	93.89	359.71	96	10958.63	244.80	236.45	-1040.57	0.50
MWD	128	12233	94.68	358.39	95	10951.54	339.52	331.17	-1042.14	1.62
MWD	129	12329	96.40	358.83	96	10942.27	435.06	426.69	-1044.46	1.85
MWD	130	12424	97.19	358.39	95	10931.03	529.38	520.99	-1046.75	0.95
MWD	131	12520	97.85	357.77	96	10918.46	624.52	616.11	-1049.93	0.94
MWD	132	12616	95.69	358.74	96	10907.15	719.82	711.39	-1052.84	2.46
MWD	133	12711	96.04	358.21	95	10897.44	814.31	805.86	-1055.35	0.67
MWD	134	12807	96.79	357.25	96	10886.71	909.66	901.18	-1059.13	1.26
MWD	135	12902	97.19	358.92	95	10875.15	1003.92	995.42	-1062.28	1.79
MWD	136	12998	97.67	359.18	96	10862.74	1099.11	1090.60	-1063.86	0.57
MWD	137	13093	95.34	359.09	95	10851.98	1193.49	1184.97	-1065.28	2.45
MWD	138	13189	95.16	359.97	96	10843.19	1289.08	1280.56	-1066.07	0.93

MWD	139	13284	95.87	0.15	95	10834.06	1383.64	1375.12	-1065.97	0.77
MWD	140	13379	96.57	0.24	95	10823.77	1478.07	1469.56	-1065.65	0.74
MWD	141	13475	97.36	359.53	96	10812.13	1573.36	1564.85	-1065.84	1.10
MWD	142	13570	97.49	359.09	95	10799.85	1667.56	1659.05	-1066.97	0.48
MWD	143	13666	97.85	358.04	96	10787.04	1762.69	1754.16	-1069.35	1.15
MWD	144	13762	95.38	356.90	96	10775.98	1857.98	1849.42	-1073.57	2.83
MWD	145	13857	93.71	356.63	95	10768.45	1952.57	1943.97	-1078.91	1.78
MWD	146	13953	94.55	358.83	96	10761.54	2048.26	2039.63	-1082.70	2.45
MWD	147	14049	95.52	359.80	96	10753.11	2143.89	2135.26	-1083.85	1.43
MWD	148	14144	96.40	0.15	95	10743.25	2238.37	2229.74	-1083.89	1.00
MWD	149	14239	98.33	0.24	95	10731.07	2332.58	2323.95	-1083.57	2.03
MWD	150	14334	97.05	0.50	95	10718.36	2426.71	2418.09	-1082.96	1.37
MWD	151	14430	97.54	0.41	96	10706.17	2521.92	2513.31	-1082.20	0.52
MWD	152	14526	96.35	0.76	96	10694.56	2617.20	2608.60	-1081.23	1.29
MWD	153	14621	95.60	0.76	95	10684.67	2711.66	2703.08	-1079.98	0.79
MWD	154	14717	93.80	359.97	96	10676.80	2807.32	2798.75	-1079.37	2.05
MWD	155	14812	93.01	0.85	95	10671.16	2902.14	2893.58	-1078.69	1.24
MWD	156	14908	94.02	0.59	96	10665.28	2997.94	2989.39	-1077.49	1.09
MWD	157	15003	92.66	359.97	95	10659.74	3092.77	3084.22	-1077.02	1.57
MWD	158	15099	94.46	359.62	96	10653.78	3188.58	3180.03	-1077.37	1.91
MWD	159	15194	92.35	359.71	95	10648.14	3283.40	3274.86	-1077.92	2.22
MWD	160	15290	90.68	358.30	96	10645.60	3379.36	3370.80	-1079.59	2.28
MWD	161	15385	91.34	357.86	95	10643.93	3474.31	3465.73	-1082.77	0.83
MWD	162	15480	92.40	359.00	95	10640.83	3569.24	3560.64	-1085.37	1.64
MWD	163	15576	93.05	359.09	96	10636.26	3665.13	3656.52	-1086.97	0.68
MWD	164	15671	95.30	359.27	95	10629.35	3759.87	3751.25	-1088.32	2.38
MWD	165	15767	96.75	359.09	96	10619.27	3855.34	3846.71	-1089.69	1.52
MWD	166	15862	97.67	359.18	95	10607.35	3949.58	3940.95	-1091.11	0.97
MWD	167	15958	99.12	359.09	96	10593.33	4044.55	4035.91	-1092.55	1.51
MWD	168	16036	100.62	358.92	78	10579.96	4121.39	4112.74	-1093.88	1.94
PTB	169	16102	100.62	358.92	66	10567.80	4186.25	4177.60	-1095.10	0.00

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 MANDELBAUM FEE		
								6. Well Number: 122H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator TAP ROCK OPERATING, LLC							9. OGRID 372043			
10. Address of Operator 523 PARK POINT DRIVE, SUITE 200, GOLDEN, CO							11. Pool name or Wildcat RED HILLS, BONE SPRING, NORTH			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	11	24S	34E	-	1054	SOUTH	2462	EAST	LEA
BH:	C	11	24S	34E	-	37	NORTH	1762	WEST	LEA
13. Date Spudded 3/12/2022	14. Date T.D. Reached 3/25/2022		15. Date Rig Released 3/27/2022			16. Date Completed (Ready to Produce) 6/21/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3486 GR		
18. Total Measured Depth of Well 16102 ft			19. Plug Back Measured Depth 16040 ft			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11069 ft to 15955 ft							BONE SPRING			
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375"		54.5		1213'		17.5"		802 sks		0
9.625"		40		5516'		12.25"		1100 sks		0
5.5"		20		16087'		8.75"/7.875"		1475 sks		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) Perforate from 11069 ft to 15955 ft, 1 SPF, .55 inch holes with 286 total shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11069 ft to 15955 ft		22 stage frac with 13,771,080 lbs of 100 mesh sand		
28. PRODUCTION										
Date First Production 6/29/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 7/15/2022	Hours Tested 24 hrs	Choke Size 40/64	Prod'n For Test Period	Oil - Bbl 1865	Gas - MCF 2503	Water - Bbl. 3117	Gas - Oil Ratio 1342			
Flow Tubing Press. 0	Casing Pressure 1200	Calculated 24-Hour Rate	Oil - Bbl. 865	Gas - MCF 2503	Water - Bbl. 3117	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By			
31. List Attachments C-102, Directional Survey										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
			Latitude			Longitude			NAD83	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Name Jeff Trlica			Title Regulatory Analyst			Date 7/20/2022	
E-mail Address jtrlica@taprllc										

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.

[illegible]

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
0	943		Quaternary					
943	1206		Rustler					
1206	5111		Top of Salt					
5111	5404		Base of Salt					
5404	5424		Lamar					
5424	6182		Bell Canyon					
6182	7745		Cherry Canyon					
7745	9242		Brushy Canyon					
9242	9485		Bone Spring					
9485	10312		Avalon					
10312	10834		1st Bone Spring Sand					
10834			2nd Bone Spring Sand					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 283101

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 283101
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 283101

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 283101
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/28/2023