

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 25-48280	⁵ Pool Name RED HILLS; BONE SPRING, NORTH	⁶ Pool Code 96434
⁷ Property Code 329919	⁸ Property Name MANDELBAUM FEE	⁹ Well Number 142H

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
0	11	24-S	34-E	-	1029'	SOUTH	2542'	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	24-S	34-E	-	33'	NORTH	2330'	WEST	LEA
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/21/2021	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 77070	O
371960	LUCID ENERGY GROUP 3100 MCKINNON ST #800 DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 6/6/2021 9/6/2021	²² Ready Date 10/21/2021	²³ TD 15478'	²⁴ PBTB 15417'	²⁵ Perforations 10545' - 15332'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1105'	825 SKS		
12.25"	9.625"	5499'	1125 SKS		
6.75"	5.5"	15465'	935 SKS		

V. Well Test Data

³¹ Date New Oil 11/13/2021	³² Gas Delivery Date 11/13/2021	³³ Test Date 11/30/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 200
³⁷ Choke Size 40/64	³⁸ Oil 705	³⁹ Water 1785	⁴⁰ Gas 1100		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: 			OIL CONSERVATION DIVISION		
Printed name: JEFF TRLICA			Approved by:  Title: Petroleum Engineer		
Title: REGULATORY ANALYST			Approval Date: 08/18/22		
E-mail Address: JTRLICA@TAPRK.COM					
Date: 1/5/2022		Phone: 720-772-5910			

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) 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 30-025-48280	² Pool Code 96434	³ Pool Name RED HILLS; BONE SPRING, NORTH
⁴ Property Code 329919	⁵ Property Name MANDELBAUM FEE	⁶ Well Number 142H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3487'

¹⁰Surface Location

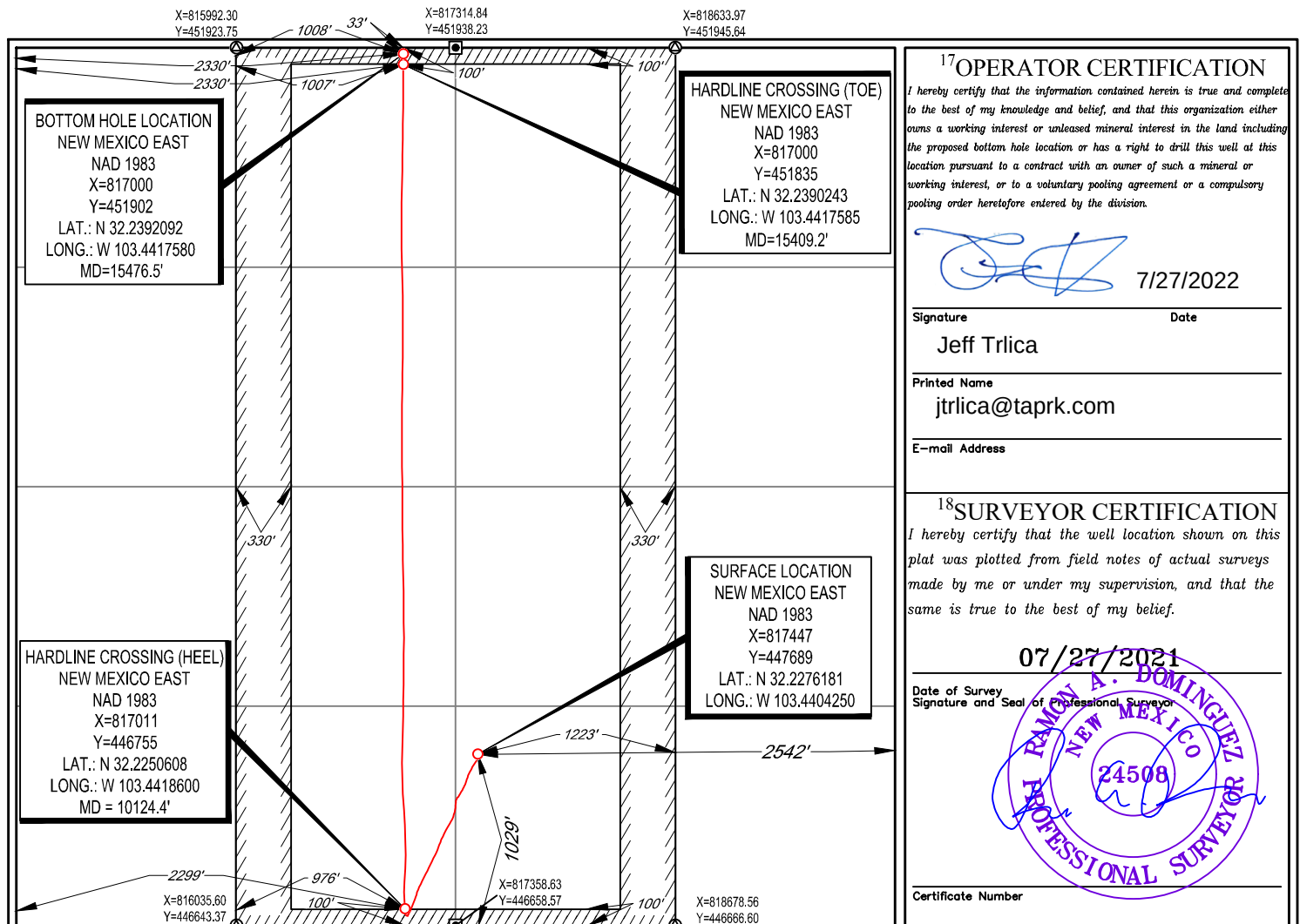
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	24-S	34-E	-	1029'	SOUTH	2542'	EAST	LEA

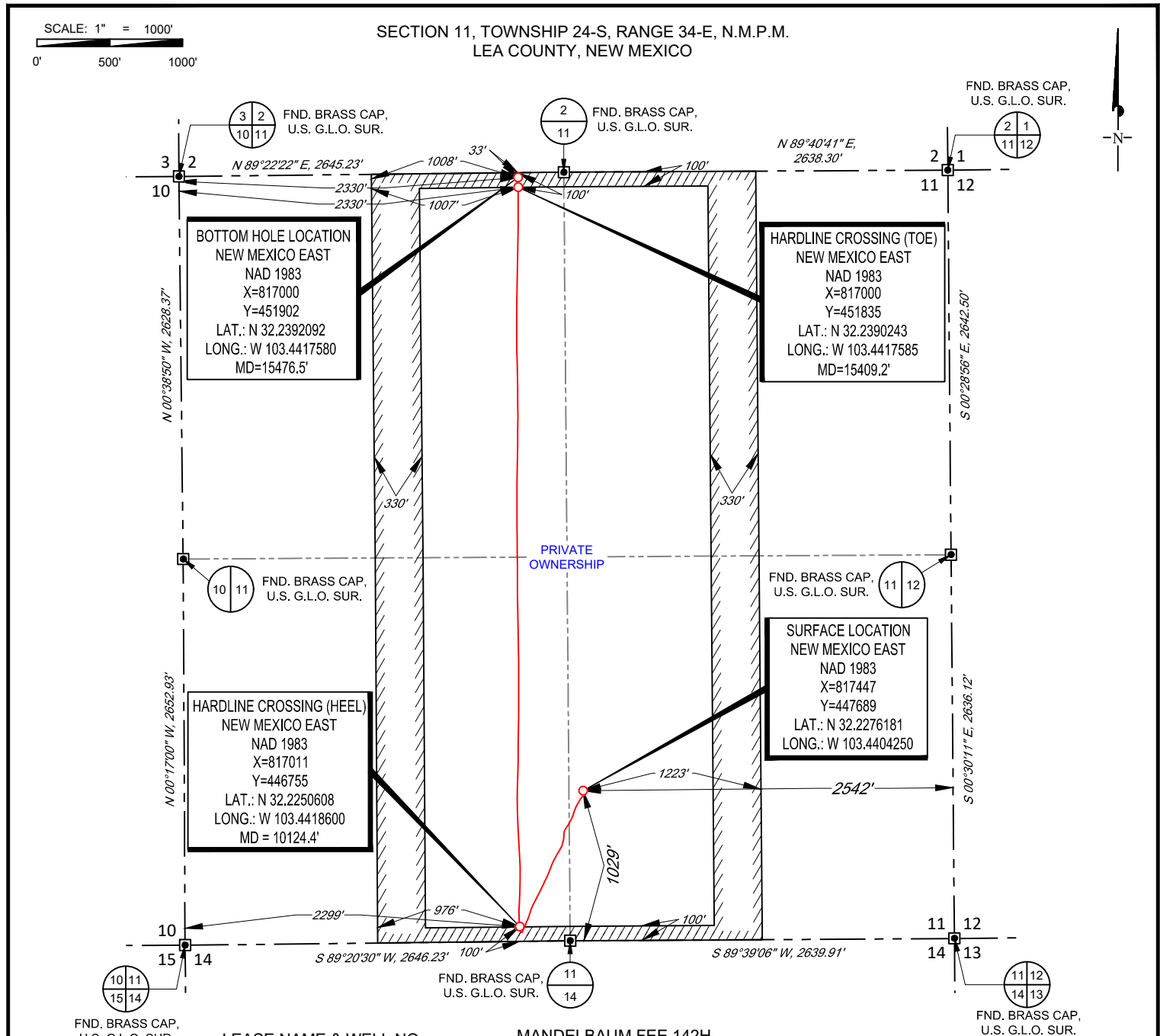
¹¹Bottom Hole Location If Different From Surface

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	-	33'	NORTH	2330'	WEST	LEA

¹² Dedicated Acres 320	¹³ Joint or 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.





**TAP
ROCK**



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

**INTERNAL
PRE-COMPLETION
PLAT**

MANDELBAUM FEE 142H PRE-COMPLETION	REVISION:	
	INT	DATE
DATE: 10/8/2021		
FILE: C:\MANDELBAUM_FEE_142H		
DRAWN BY: IMU		
SHEET: 1 OF 1		

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



Operator: Tap Rock Resources LLC
Well Name: Mandelbaum Fee #142H
County: Lea
State: New Mexico
Rig Name: H&P 261
API: 30-025-48280

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: 174' MD – 15,412' MD
Projection to Bit: 15,478' MD
Dates Performed: 09/06/2021 – 09/28/2021.
Type of Survey: MWD

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

Sincerely,

Travis Henk
MWD Operations Manager
Intrepid Directional Drilling Specialists





Operator: Tap Rock Resources, LLC
Well Name: Mandelbaum Fee #142H
Job Number: ID3038
Survey Company: Intrepid Directional Drilling Specialists
Rig Name: H&P 261

Target KBTVD: 10166.00
Target Inclination: 91.00°
Declination Correction: 5.91°
KB Elevation: 3510

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	174	1.01	58.56	174	173.99	0.79	0.80	1.31	0.58
MWD	2	233	1.14	62.60	59	232.98	1.32	1.34	2.27	0.25
MWD	3	418	0.53	30.43	185	417.96	2.89	2.93	4.34	0.40
MWD	4	508	0.35	60.40	90	507.96	3.38	3.42	4.79	0.32
MWD	5	599	0.70	85.89	91	598.95	3.55	3.60	5.59	0.45
MWD	6	689	0.88	61.02	90	688.95	3.92	3.97	6.74	0.43
MWD	7	784	0.66	153.83	95	783.94	3.77	3.83	7.62	1.18
MWD	8	879	1.32	181.87	95	878.93	2.19	2.25	7.82	0.84
MWD	9	973	1.63	172.90	94	972.90	-0.22	-0.16	7.95	0.41
MWD	10	1048	1.67	156.12	75	1047.86	-2.29	-2.22	8.53	0.64
MWD	11	1135	1.14	154.97	87	1134.84	-4.24	-4.16	9.41	0.61
MWD	12	1229	1.54	179.49	94	1228.81	-6.35	-6.27	9.81	0.73
MWD	13	1312	3.08	197.60	83	1311.74	-9.58	-9.51	9.15	2.03
MWD	14	1406	4.40	206.65	94	1405.54	-15.20	-15.14	6.77	1.53
MWD	15	1500	4.66	210.08	94	1499.25	-21.69	-21.67	3.24	0.40
MWD	16	1594	4.44	211.13	94	1592.95	-28.08	-28.09	-0.56	0.25
MWD	17	1688	3.87	212.54	94	1686.71	-33.84	-33.88	-4.14	0.62
MWD	18	1783	4.48	213.16	95	1781.45	-39.62	-39.68	-7.90	0.64
MWD	19	1877	5.93	213.07	94	1875.06	-46.73	-46.83	-12.56	1.54
MWD	20	1972	5.89	210.96	95	1969.56	-54.98	-55.12	-17.74	0.23
MWD	21	2067	5.54	211.22	95	2064.09	-63.04	-63.22	-22.63	0.37
MWD	22	2161	4.92	213.07	94	2157.69	-70.26	-70.48	-27.18	0.68
MWD	23	2255	5.27	206.56	94	2251.32	-77.47	-77.72	-31.31	0.72
MWD	24	2349	5.93	208.32	94	2344.87	-85.57	-85.86	-35.54	0.73
MWD	25	2443	5.41	210.61	94	2438.41	-93.62	-93.94	-40.10	0.60
MWD	26	2537	4.62	211.13	94	2532.05	-100.64	-101.00	-44.31	0.84
MWD	27	2632	5.23	204.72	95	2626.70	-107.82	-108.21	-48.10	0.86
MWD	28	2726	6.77	200.41	94	2720.19	-116.87	-117.29	-51.83	1.71
MWD	29	2820	7.65	201.12	94	2813.44	-127.87	-128.32	-56.01	0.94
MWD	30	2914	7.08	199.62	94	2906.67	-139.13	-139.61	-60.21	0.64
MWD	31	3008	6.29	197.95	94	3000.03	-149.45	-149.97	-63.75	0.87
MWD	32	3102	5.71	197.60	94	3093.51	-158.78	-159.33	-66.75	0.62
MWD	33	3196	5.23	195.93	94	3187.08	-167.34	-167.90	-69.34	0.54
MWD	34	3290	5.05	204.28	94	3280.71	-175.21	-175.79	-72.21	0.82
MWD	35	3384	5.01	209.99	94	3374.34	-182.50	-183.12	-75.97	0.53
MWD	36	3478	4.53	207.36	94	3468.02	-189.33	-189.97	-79.72	0.56
MWD	37	3573	4.62	203.66	95	3562.72	-196.14	-196.81	-82.98	0.32
MWD	38	3667	5.54	207.62	94	3656.35	-203.59	-204.30	-86.61	1.05
MWD	39	3761	5.23	205.07	94	3749.93	-211.46	-212.20	-90.53	0.42
MWD	40	3855	5.41	208.67	94	3843.53	-219.20	-219.97	-94.47	0.40
MWD	41	3949	6.37	208.85	94	3937.03	-227.62	-228.42	-99.11	1.02
MWD	42	4044	6.37	212.28	95	4031.44	-236.65	-237.49	-104.47	0.40
MWD	43	4138	6.29	213.86	94	4124.87	-245.29	-246.18	-110.12	0.20
MWD	44	4233	5.76	216.94	95	4219.34	-253.37	-254.31	-115.88	0.65
MWD	45	4328	5.10	218.34	95	4313.92	-260.45	-261.43	-121.37	0.71
MWD	46	4422	5.10	205.60	94	4407.55	-267.46	-268.48	-125.77	1.20
MWD	47	4516	7.43	192.24	94	4500.99	-277.14	-278.19	-128.86	2.91
MWD	48	4611	9.23	185.91	95	4594.98	-290.71	-291.77	-130.95	2.12
MWD	49	4706	9.14	182.92	95	4688.76	-305.81	-306.88	-132.12	0.51
MWD	50	4800	8.35	184.33	94	4781.67	-320.07	-321.14	-133.01	0.87
MWD	51	4894	8.22	189.60	94	4874.69	-333.48	-334.58	-134.65	0.82
MWD	52	4989	8.40	196.19	95	4968.70	-346.82	-347.94	-137.72	1.02
MWD	53	5083	8.70	195.58	94	5061.65	-360.23	-361.38	-141.54	0.33
MWD	54	5178	8.04	194.35	95	5155.64	-373.56	-374.74	-145.12	0.72
MWD	55	5273	7.47	208.76	95	5249.78	-385.37	-386.59	-149.73	2.13
MWD	56	5368	6.73	209.11	95	5344.05	-395.60	-396.86	-155.41	0.78
MWD	57	5444	6.15	208.32	76	5419.57	-403.04	-404.34	-159.51	0.77
MWD	58	5556	6.46	212.98	112	5530.89	-413.56	-414.91	-165.79	0.53
MWD	59	5651	8.62	210.61	95	5625.07	-424.12	-425.52	-172.32	2.30
MWD	60	5746	11.65	211.22	95	5718.57	-438.38	-439.85	-180.92	3.19
MWD	61	5841	12.44	207.09	95	5811.48	-455.62	-457.16	-190.55	1.23
MWD	62	5936	13.01	207.53	95	5904.15	-474.13	-475.76	-200.15	0.61

MWD	63	6031	12.04	203.49	95	5996.89	-492.63	-494.33	-209.05	1.38
MWD	64	6126	12.04	203.05	95	6089.80	-510.77	-512.53	-216.88	0.10
MWD	65	6220	10.59	201.12	94	6181.97	-527.80	-529.61	-223.83	1.59
MWD	66	6315	9.98	200.41	95	6275.44	-543.61	-545.47	-229.84	0.66
MWD	67	6409	9.23	200.85	94	6368.12	-558.24	-560.15	-235.37	0.80
MWD	68	6504	10.68	203.84	95	6461.69	-573.36	-575.32	-241.64	1.62
MWD	69	6599	10.99	205.07	95	6555.00	-589.56	-591.57	-249.03	0.41
MWD	70	6694	10.73	204.02	95	6648.30	-605.78	-607.85	-256.47	0.34
MWD	71	6789	12.18	206.56	95	6741.40	-622.75	-624.90	-264.55	1.62
MWD	72	6884	12.97	205.42	95	6834.12	-641.27	-643.49	-273.61	0.87
MWD	73	6979	13.41	205.42	95	6926.62	-660.78	-663.07	-282.91	0.46
MWD	74	7074	12.88	205.33	95	7019.13	-680.22	-682.59	-292.17	0.56
MWD	75	7169	12.31	207.27	95	7111.84	-698.72	-701.16	-301.34	0.75
MWD	76	7263	11.12	208.85	94	7203.88	-715.49	-718.01	-310.31	1.31
MWD	77	7358	9.85	207.27	95	7297.29	-730.68	-733.26	-318.45	1.37
MWD	78	7452	10.33	207.18	94	7389.84	-745.26	-747.90	-325.98	0.51
MWD	79	7547	11.38	205.95	95	7483.14	-761.20	-763.90	-333.98	1.13
MWD	80	7642	11.03	205.95	95	7576.33	-777.73	-780.50	-342.05	0.37
MWD	81	7737	11.38	204.28	95	7669.52	-794.38	-797.22	-349.89	0.50
MWD	82	7831	11.03	203.4	94	7761.72	-811.03	-813.92	-357.27	0.41
MWD	83	7925	9.19	197.16	94	7854.26	-826.41	-829.35	-363.06	2.28
MWD	84	8020	8.13	197.07	95	7948.18	-840.05	-843.02	-367.27	1.12
MWD	85	8115	8.66	197.34	95	8042.16	-853.26	-856.27	-371.37	0.56
MWD	86	8209	9.63	199.97	94	8134.97	-867.37	-870.42	-376.16	1.12
MWD	87	8304	8.35	202.35	95	8228.80	-881.17	-884.26	-381.50	1.40
MWD	88	8399	8.62	202.79	95	8322.76	-894.07	-897.21	-386.88	0.29
MWD	89	8493	7.69	201.47	94	8415.81	-906.38	-909.56	-391.91	1.01
MWD	90	8587	7.25	202.7	94	8509.01	-917.67	-920.88	-396.50	0.50
MWD	91	8682	6.42	204.02	95	8603.33	-928.01	-931.26	-400.98	0.89
MWD	92	8776	5.71	202.79	94	8696.81	-937.09	-940.37	-404.93	0.77
MWD	93	8871	4.48	204.37	95	8791.43	-944.80	-948.11	-408.29	1.30
MWD	94	8965	4	203.14	94	8885.17	-951.14	-954.47	-411.10	0.52
MWD	95	9061	3.65	203.93	96	8980.96	-956.99	-960.34	-413.65	0.37
MWD	96	9155	3.08	206.30	94	9074.79	-961.97	-965.34	-415.98	0.62
MWD	97	9250	2.02	211.57	95	9169.70	-965.67	-969.05	-417.99	1.14
MWD	98	9345	1.41	218.25	95	9264.66	-968.00	-971.40	-419.59	0.67
MWD	99	9440	0.66	243.65	95	9359.64	-969.15	-972.56	-420.80	0.91
MWD	100	9535	0.22	318.36	95	9454.64	-969.25	-972.67	-421.42	0.67
MWD	101	9630	0.92	344.73	95	9549.63	-968.38	-971.79	-421.74	0.77
MWD	102	9724	0.92	315.72	94	9643.62	-967.10	-970.53	-422.46	0.49
MWD	103	9819	1.23	272.04	95	9738.61	-966.51	-969.94	-424.02	0.89
MWD	104	9908	2.29	272.13	89	9827.56	-966.39	-969.84	-426.75	1.19
MWD	105	9969	2.77	282.33	61	9888.50	-966.00	-969.48	-429.40	1.08
MWD	106	10063	15.65	350.18	94	9981.22	-952.92	-956.43	-433.81	15.77
MWD	107	10157	27.16	356.68	94	10068.60	-918.86	-922.40	-437.23	12.48
MWD	108	10251	29.63	356.68	94	10151.29	-874.22	-877.78	-439.82	2.63
MWD	109	10346	32.92	0.99	95	10232.48	-824.94	-828.50	-440.73	4.19
MWD	110	10440	50.20	3.54	94	10302.56	-762.91	-766.45	-438.04	18.47
MWD	111	10535	59.60	2.39	95	10357.12	-685.41	-688.92	-434.07	9.94
MWD	112	10629	67.30	0.11	94	10399.11	-601.43	-604.92	-432.29	8.47
MWD	113	10724	72.53	358.53	95	10431.73	-512.24	-515.74	-433.37	5.72
MWD	114	10818	77.98	357.03	94	10455.64	-421.42	-424.94	-436.91	6.00
MWD	115	10912	84.75	356.24	94	10469.75	-328.66	-332.22	-442.36	7.25
MWD	116	11007	95.30	357.21	95	10469.71	-233.91	-237.51	-447.78	11.15
MWD	117	11101	98.68	358.00	94	10458.27	-140.67	-144.30	-451.68	3.69
MWD	118	11195	100.13	359.85	94	10442.91	-47.95	-51.59	-453.43	2.48
MWD	119	11290	95.87	1.95	95	10429.69	46.07	42.45	-451.94	4.99
MWD	120	11384	94.95	2.31	94	10420.83	139.56	135.96	-448.46	1.05
MWD	121	11479	95.69	0.55	95	10412.02	234.09	230.52	-446.10	2.00
MWD	122	11573	94.51	0.37	94	10403.66	327.71	324.14	-445.35	1.27
MWD	123	11667	95.03	0.64	94	10395.84	421.37	417.81	-444.52	0.62
MWD	124	11761	95.38	0.64	94	10387.32	514.96	511.42	-443.48	0.37
MWD	125	11855	94.95	0.20	94	10378.86	608.57	605.03	-442.79	0.65
MWD	126	11949	94.46	0.02	94	10371.14	702.25	698.72	-442.61	0.56
MWD	127	12043	94.42	359.76	94	10363.87	795.96	792.43	-442.79	0.28
MWD	128	12137	94.55	359.41	94	10356.52	889.68	886.14	-443.47	0.40
MWD	129	12231	94.37	359.05	94	10349.21	983.39	979.85	-444.73	0.43
MWD	130	12325	94.07	359.05	94	10342.29	1077.13	1073.58	-446.28	0.32
MWD	131	12419	95.96	358.97	94	10334.07	1170.76	1167.20	-447.90	2.01
MWD	132	12512	97.36	359.14	93	10323.29	1263.13	1259.56	-449.42	1.52
MWD	133	12606	98.81	359.32	94	10310.07	1356.19	1352.62	-450.68	1.55
MWD	134	12700	97.27	359.67	94	10296.92	1449.26	1445.69	-451.50	1.68
MWD	135	12795	95.56	0.02	95	10286.31	1543.66	1540.09	-451.75	1.84
MWD	136	12889	95.65	359.49	94	10277.13	1637.21	1633.64	-452.15	0.57
MWD	137	12983	96.26	358.97	94	10267.37	1730.70	1727.12	-453.41	0.85
MWD	138	13078	94.86	0.02	95	10258.17	1825.25	1821.67	-454.24	1.84

MWD	139	13171	95.65	359.32	93	10249.65	1917.86	1914.27	-454.77	1.13
MWD	140	13265	95.82	0.29	94	10240.26	2011.39	2007.80	-455.09	1.04
MWD	141	13359	93.85	0.81	94	10232.34	2105.03	2101.46	-454.19	2.17
MWD	142	13453	93.80	0.99	94	10226.06	2198.80	2195.24	-452.72	0.20
MWD	143	13548	94.02	0.99	95	10219.59	2293.55	2290.00	-451.08	0.23
MWD	144	13641	94.51	0.55	93	10212.67	2386.27	2382.73	-449.83	0.71
MWD	145	13736	94.29	0.37	95	10205.38	2480.98	2477.45	-449.07	0.30
MWD	146	13830	95.82	0.20	94	10197.10	2574.60	2571.08	-448.61	1.64
MWD	147	13924	97.32	359.76	94	10186.34	2667.98	2664.46	-448.64	1.66
MWD	148	14019	97.14	359.41	95	10174.39	2762.22	2758.70	-449.32	0.41
MWD	149	14112	97.85	358.70	93	10162.26	2854.42	2850.89	-450.84	1.08
MWD	150	14206	97.80	358.09	94	10149.46	2947.53	2943.98	-453.45	0.65
MWD	151	14301	96.22	359.41	95	10137.87	3041.80	3038.24	-455.51	2.16
MWD	152	14394	95.47	359.49	93	10128.39	3134.32	3130.76	-456.39	0.81
MWD	153	14488	94.29	359.93	94	10120.40	3227.98	3224.41	-456.87	1.34
MWD	154	14583	94.55	0.72	95	10113.08	3322.68	3319.13	-456.33	0.87
MWD	155	14677	93.41	1.34	94	10106.55	3416.42	3412.88	-454.64	1.38
MWD	156	14772	93.36	1.43	95	10100.94	3511.21	3507.69	-452.35	0.11
MWD	157	14866	92.31	0.81	94	10096.29	3605.06	3601.55	-450.52	1.30
MWD	158	14961	89.80	0.55	95	10094.55	3700.01	3696.52	-449.39	2.66
MWD	159	15055	89.01	0.81	94	10095.52	3793.99	3790.51	-448.27	0.88
MWD	160	15150	88.18	1.08	95	10097.85	3888.93	3885.47	-446.71	0.92
MWD	161	15244	89.80	0.11	94	10099.51	3982.90	3979.45	-445.73	2.01
MWD	162	15339	89.71	359.32	95	10099.91	4077.89	4074.44	-446.20	0.84
MWD	163	15412	90.86	359.67	73	10099.55	4150.89	4147.44	-446.85	1.65
PTB	164	15478	90.86	359.67	66	10098.56	4216.88	4213.43	-447.23	0.00

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-025-48280										
2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN										
3. State Oil & Gas Lease No.										
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: 142H		
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	24-S	34-E	-	1029'	SOUTH	2542'	EAST	LEA
BH:	C	11	24-S	34-E	-	33'	NORTH	2330'	WEST	LEA
13. Date Spudded 9/6/2021	14. Date T.D. Reached 9/28/2021		15. Date Rig Released 9/30/2021		16. Date Completed (Ready to Produce) 10/21/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3487 GR		
18. Total Measured Depth of Well 15478'			19. Plug Back Measured Depth 15417'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run GAMMA		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10545' - 15332', 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		1105'		17.5"		825 SKS		0
9.625"		40		5499'		12.25"		1125 SKS		0
5.5"		20		15465'		6.75"		935 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)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
: Perforate from 10545 ft to 15332 ft, 1 SPF, .55 inch holes with 247 total shot;					10545' - 15332'		19 stage frac with 12,138,830 lbs of 100 mesh sand			
28. PRODUCTION										
Date First Production 11/13/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) Producing				
Date of Test 11/30/2021	Hours Tested 24	Choke Size 40/64	Prod'n For Test Period	Oil - Bbl 705	Gas - MCF 1100	Water - Bbl. 1785	Gas - Oil Ratio 1560			
Flow Tubing Press.	Casing Pressure 200	Calculated 24-Hour Rate	Oil - Bbl. 705	Gas - MCF 1100	Water - Bbl. 1785	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments 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		Printed Name		Title		Date				
		JEFF TRLICA		REGULATORY ANALYST		1/5/2022				
E-mail Address jtrlica@taprock.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.

[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	1112		QUATERNARY					
1112	1303		RUSTLER					
1303	5086		TOP OF SALT					
5086	5406		BASE OF SALT					
5406	5428		DELAWARE					
5428	6393		BELL CANYON					
6393	7748		CHERRY CANYON					
7748	9219		BRUSHY CANYON					
9219	9501		BONE SPRING LIME					
9501	10286		AVALON					
10286			1ST BONE SPRING SAND					

District I

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

District II

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 124475

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 124475
	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 124475

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 124475
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	8/18/2022