

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 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 25-47341	⁵ Pool Name WC-025 G-07 S243517D;MIDDLE BONE SP		⁶ Pool Code 98294
⁷ Property Code 328302	⁸ Property Name MULVA FED COM		⁹ Well Number 111H

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
M	27	24-S	35-E	-	13'	SOUTH	760'	WEST	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
E	3	25-S	35-E	-	2647'	NORTH	641'	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/24/2021	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 U.S.A 77070	O
371960	LUCID ENERGY GROUP 3100 MCKINNON ST #800 DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 1/6/2021	²² Ready Date 5/15/2021	²³ TD 18240'	²⁴ PBTD 18171'	²⁵ Perforations 10384' - 18100'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	993'	1445 sks		
12.25"	9.625"	5284'	1609 sks		
8.5"	5.5"	18215'	2341 sks		

V. Well Test Data

³¹ Date New Oil 6/24/2021	³² Gas Delivery Date 6/24/2021	³³ Test Date 7/1/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1047
³⁷ Choke Size 64/64	³⁸ Oil 1021	³⁹ Water 4158	⁴⁰ Gas 1737		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: Bill Ramsey			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: bramsey@taprk.com			Approval Date: 08/23/21		
Date: 7/7/2021		Phone: 720-238-2787			

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: (505) 748-1283 Fax: (505) 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 30-025-47341		² Pool Code 98294		³ Pool Name WC-025 G-07 S243517D; MIDDLE BS	
⁴ Property Code 328302		⁵ Property Name MULVA FED COM			⁶ Well Number 111H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3279'

¹⁰Surface Location

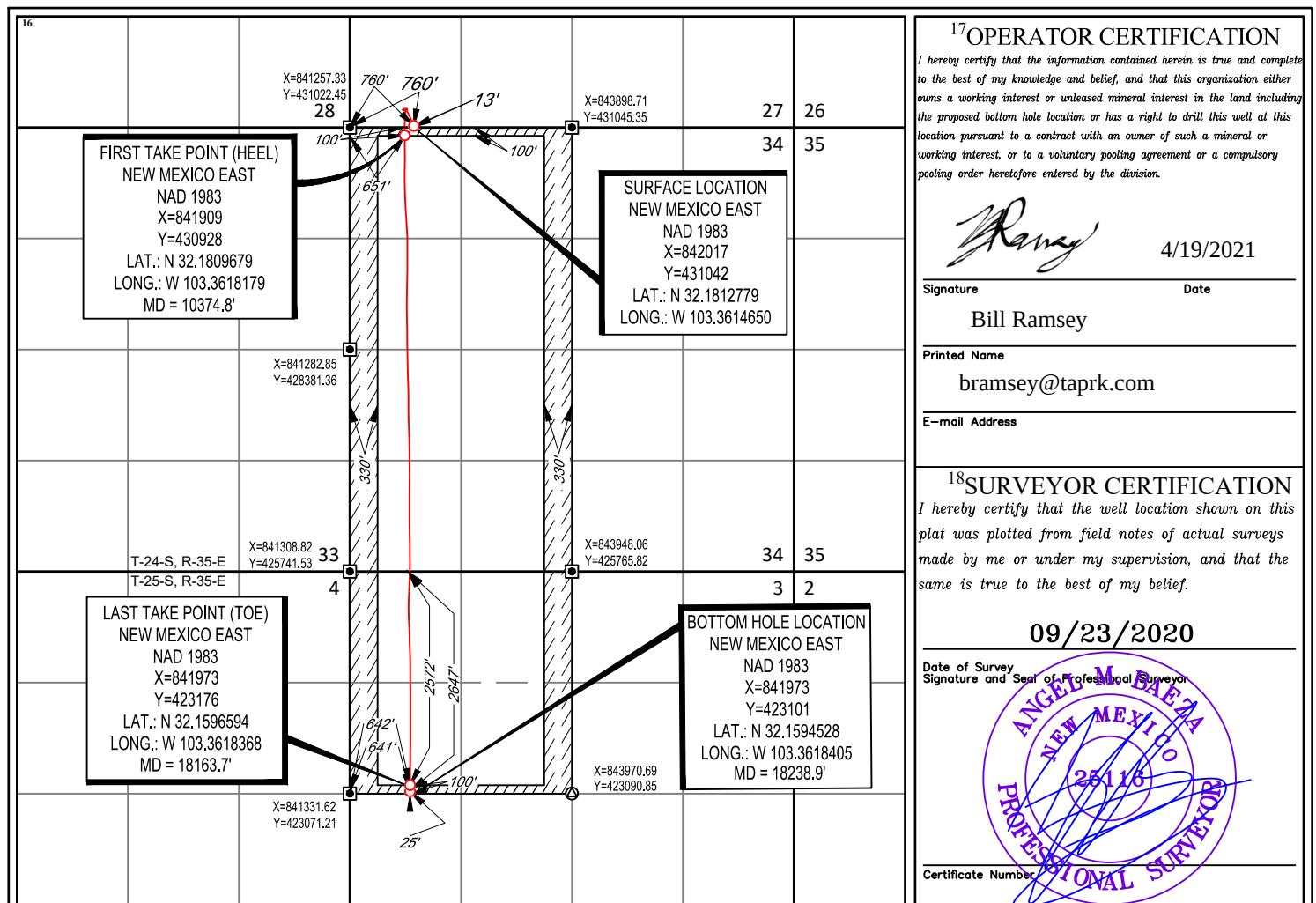
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	24-S	35-E	-	13'	SOUTH	760'	WEST	LEA

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
E	3	25-S	35-E	-	2647'	NORTH	641'	WEST	LEA

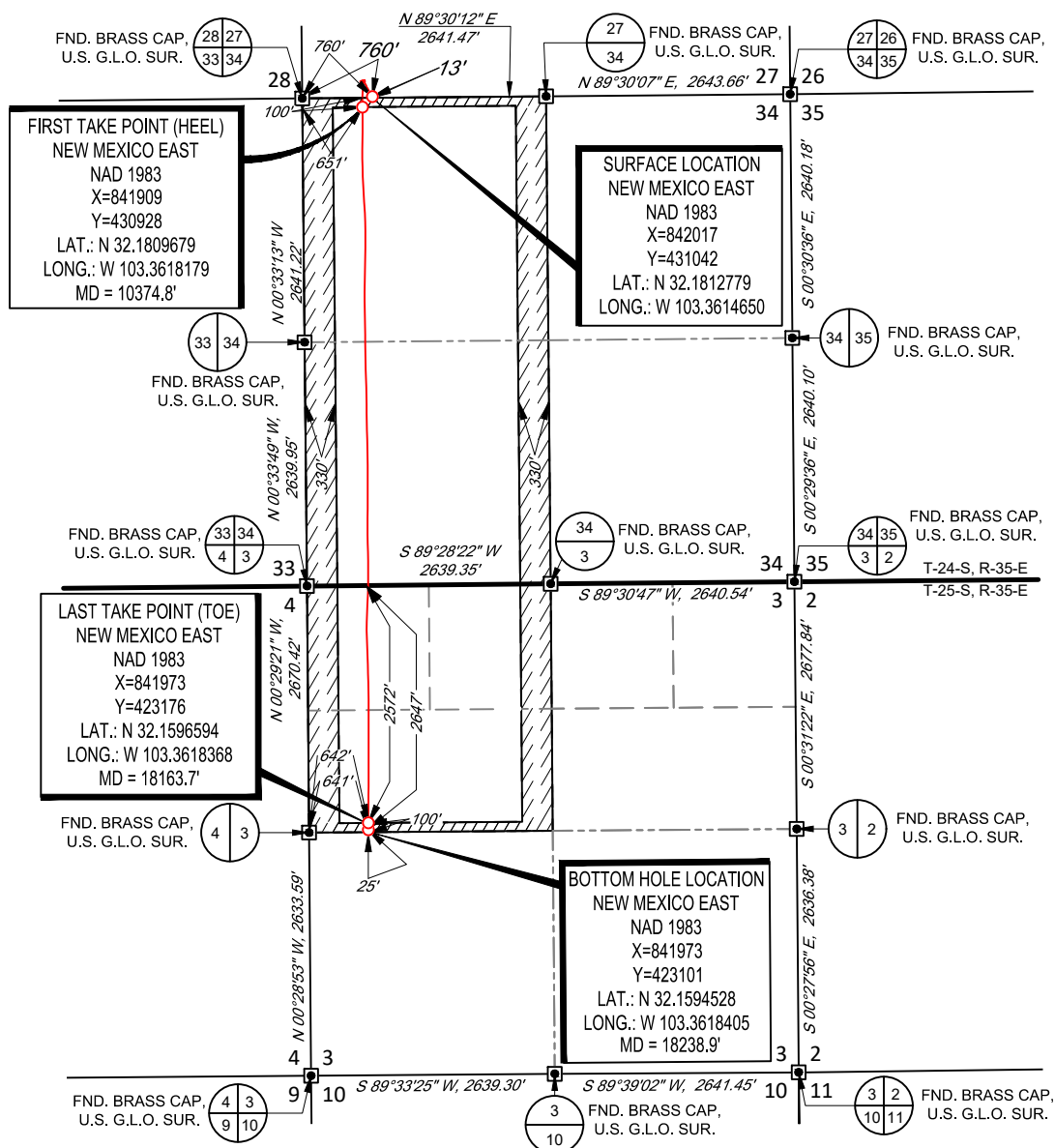
¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



SCALE: 1" = 2000'
0' 1000' 2000'

SECTION 27, TOWNSHIP 24-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: MULVA FED COM 111H
SECTION 27 TWP 24-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3279'
DESCRIPTION 13' FSL & 760' FWL



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

MULVA FED COM 111H PRE-COMPLETION	REVISION:		NOTES:
	INT	DATE	
DATE: 02/22/2021			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.
FILE: C_MULVA_FED_COM_111H			
DRAWN BY: EAH			
SHEET: 1 OF 1			

S:\SURVEY\TAPROCK\MULVA_UNIT\FINAL_PRODUCT\TIC_MULVA_FED_COM_111H.DWG 2/22/2021 10:43:29 AM abaeza



Operator: Taprock Resources LLC
Well Name: Mulva Fed Com #111H
County: Lea
State: New Mexico
Rig Name: H&P 466
API: 30-025-47341

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: 146' MD – 18,176' MD
Projection to Bit: 18,240' MD
Dates Performed: 01/06/2021 – 02/09/2021
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim", with a stylized flourish at the end.

James Burleson
Vice President of MWD Operations
Intrepid Directional Drilling Specialists





Survey Report

Service Company: Intrepid DDS

Location: Sec-27_T-24-S_R-35-E

Well: Mulva Fed Com #111H

Rig: H&P 466

API or UWI: 30-025-47341

Job Number: ID2767

State: New Mexico

Operating Company: Tap Rock Resources, LLC.

County: Lea

Magnetic Declination: 5.94

Country: USA

Proposed Azimuth: 179.48

Comment

North Reference: GRID

Latitude: 32.1812777777778

Longitude: -103.361463888889

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
146.00	0.53	202.46	146.00	-0.62	-0.26	202.46	0.68	0.62	0.36
238.00	0.57	205.01	237.99	-1.43	-0.61	203.21	1.56	1.43	0.05
330.00	0.22	230.06	329.99	-1.96	-0.94	205.69	2.18	1.95	0.42
420.00	0.18	339.57	419.99	-1.94	-1.12	210.12	2.24	1.93	0.36
510.00	0.84	24.31	509.99	-1.20	-0.90	216.84	1.51	1.20	0.80
600.00	1.54	10.95	599.97	0.58	-0.40	325.50	0.71	-0.59	0.83
691.00	1.27	349.86	690.94	2.78	-0.35	352.89	2.80	-2.78	0.64
786.00	2.11	302.40	785.90	4.75	-2.01	337.08	5.16	-4.77	1.64
933.00	1.67	282.97	932.82	6.68	-6.38	316.32	9.24	-6.74	0.52
1047.00	1.45	254.58	1046.78	6.67	-9.39	305.39	11.52	-6.76	0.70
1137.00	1.32	253.44	1136.76	6.07	-11.48	297.87	12.99	-6.18	0.15
1228.00	1.45	283.50	1227.73	6.04	-13.61	293.95	14.89	-6.17	0.80
1322.00	1.76	320.32	1321.70	7.43	-15.68	295.35	17.36	-7.57	1.12
1416.00	2.24	325.95	1415.64	10.06	-17.63	299.71	20.30	-10.22	0.55
1510.00	2.24	317.34	1509.57	12.94	-19.91	303.02	23.74	-13.12	0.36
1604.00	2.15	332.45	1603.50	15.85	-21.97	305.81	27.09	-16.05	0.62

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1698.00	1.98	329.11	1697.44	18.81	-23.62	308.53	30.19	-19.02	0.22
1792.00	1.76	338.43	1791.39	21.54	-24.98	310.77	32.99	-21.77	0.40
1886.00	1.76	347.48	1885.34	24.30	-25.83	313.25	35.46	-24.53	0.30
1981.00	1.63	352.23	1980.30	27.06	-26.32	315.79	37.75	-27.30	0.20
2075.00	1.85	356.80	2074.26	29.90	-26.59	318.35	40.01	-30.14	0.28
2169.00	2.68	353.99	2168.19	33.60	-26.90	321.31	43.04	-33.84	0.89
2263.00	4.66	337.55	2261.99	39.31	-28.59	323.97	48.61	-39.57	2.36
2358.00	5.10	337.46	2356.65	46.78	-31.69	325.89	56.50	-47.07	0.46
2452.00	5.14	340.80	2450.27	54.62	-34.67	327.59	64.69	-54.93	0.32
2546.00	4.53	333.68	2543.94	61.92	-37.70	328.66	72.50	-62.26	0.91
2642.00	3.38	330.70	2639.71	67.79	-40.77	328.98	79.10	-68.15	1.22
2736.00	3.38	341.07	2733.54	72.82	-43.02	329.43	84.58	-73.21	0.65
2830.00	4.31	335.88	2827.33	78.67	-45.37	330.03	90.81	-79.08	1.06
2925.00	5.14	326.30	2922.01	85.47	-49.19	330.08	98.61	-85.91	1.20
3019.00	5.71	324.02	3015.59	92.75	-54.27	329.67	107.46	-93.24	0.65
3113.00	4.70	333.07	3109.20	99.97	-58.76	329.55	115.96	-100.50	1.38
3207.00	3.96	337.38	3202.93	106.40	-61.75	329.87	123.02	-106.96	0.86
3301.00	3.96	347.04	3296.71	112.56	-63.73	330.48	129.35	-113.14	0.71
3395.00	4.44	343.97	3390.46	119.22	-65.46	331.23	136.01	-119.81	0.56
3489.00	5.19	325.60	3484.13	126.23	-68.87	331.38	143.79	-126.85	1.81
3583.00	5.67	320.50	3577.71	133.32	-74.23	330.89	152.59	-133.99	0.72
3677.00	3.96	328.67	3671.37	139.68	-78.87	330.55	160.40	-140.39	1.96
3771.00	2.33	345.90	3765.23	144.30	-81.02	330.69	165.49	-145.03	1.99
3865.00	2.51	353.46	3859.15	148.20	-81.72	331.13	169.24	-148.93	0.39
3959.00	3.60	359.70	3953.01	153.20	-81.97	331.85	173.75	-153.93	1.21
4053.00	3.56	11.83	4046.83	159.00	-81.39	332.89	178.62	-159.74	0.81
4147.00	3.87	4.36	4140.63	165.02	-80.55	333.98	183.63	-165.75	0.61
4242.00	3.91	356.80	4235.42	171.45	-80.49	334.85	189.40	-172.18	0.54
4335.00	2.46	323.66	4328.28	176.23	-81.84	335.09	194.31	-176.96	2.46
4430.00	1.76	254.32	4423.23	177.48	-84.46	334.55	196.55	-178.23	2.60
4524.00	1.63	225.67	4517.19	176.15	-86.80	333.77	196.38	-176.93	0.90
4618.00	0.88	187.96	4611.16	174.50	-87.86	333.28	195.37	-175.29	1.15
4713.00	0.66	185.68	4706.16	173.24	-88.02	333.07	194.31	-174.03	0.23
4806.00	0.84	109.74	4799.15	172.47	-87.43	333.12	193.37	-173.26	1.00
4901.00	1.41	80.73	4894.13	172.42	-85.62	333.59	192.51	-173.19	0.83
4995.00	0.26	307.23	4988.12	172.74	-84.65	333.89	192.36	-173.50	1.70
5089.00	1.32	265.13	5082.11	172.78	-85.90	333.57	192.95	-173.55	1.21

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5183.00	1.80	291.85	5176.08	173.23	-88.34	332.98	194.46	-174.03	0.91
5234.00	2.11	291.94	5227.05	173.88	-89.96	332.65	195.78	-174.69	0.61
5361.00	1.63	301.78	5353.98	175.71	-93.66	331.94	199.11	-176.55	0.45
5455.00	1.85	302.92	5447.94	177.24	-96.07	331.54	201.60	-178.10	0.24
5549.00	1.49	263.37	5541.90	177.92	-98.56	331.02	203.40	-178.81	1.25
5644.00	1.71	239.47	5636.86	177.06	-101.01	330.30	203.84	-177.97	0.73
5739.00	1.49	251.77	5731.83	175.95	-103.40	329.56	204.09	-176.88	0.43
5834.00	1.23	262.32	5826.80	175.43	-105.59	328.96	204.75	-176.38	0.38
5929.00	0.92	263.20	5921.78	175.20	-107.35	328.50	205.48	-176.17	0.33
6023.00	0.88	272.34	6015.77	175.14	-108.82	328.15	206.20	-176.12	0.16
6119.00	1.10	303.27	6111.76	175.68	-110.33	327.87	207.45	-176.67	0.59
6213.00	0.70	275.59	6205.75	176.23	-111.66	327.64	208.62	-177.24	0.62
6307.00	1.23	219.78	6299.74	175.51	-112.87	327.25	208.67	-176.53	1.08
6402.00	1.36	215.73	6394.71	173.81	-114.18	326.70	207.96	-174.84	0.17
6497.00	1.49	210.02	6489.68	171.83	-115.46	326.10	207.02	-172.87	0.20
6591.00	1.49	202.55	6583.65	169.64	-116.54	325.51	205.81	-170.69	0.21
6686.00	1.54	201.53	6678.62	167.31	-117.48	324.92	204.44	-168.37	0.06
6780.00	1.54	202.64	6772.58	164.97	-118.43	324.33	203.08	-166.04	0.03
6875.00	1.01	248.43	6867.56	163.48	-119.70	323.79	202.62	-164.56	1.16
6969.00	1.05	267.41	6961.55	163.14	-121.33	323.36	203.32	-164.24	0.36
7063.00	0.97	265.66	7055.53	163.04	-122.99	322.97	204.23	-164.15	0.09
7157.00	1.10	277.43	7149.52	163.10	-124.68	322.60	205.29	-164.22	0.26
7252.00	1.14	283.67	7244.50	163.44	-126.50	322.26	206.67	-164.58	0.14
7346.00	1.05	278.40	7338.48	163.79	-128.26	321.94	208.03	-164.94	0.14
7440.00	0.57	300.55	7432.47	164.15	-129.51	321.73	209.09	-165.32	0.60
7534.00	0.35	336.94	7526.47	164.65	-130.03	321.70	209.80	-165.83	0.38
7628.00	0.31	326.92	7620.47	165.13	-130.28	321.73	210.33	-166.30	0.07
7722.00	0.31	0.84	7714.47	165.60	-130.42	321.78	210.79	-166.77	0.19
7816.00	1.23	95.24	7808.46	165.76	-129.41	322.02	210.29	-166.93	1.37
7910.00	0.35	100.16	7902.45	165.62	-128.12	322.27	209.39	-166.77	0.94
8004.00	0.48	85.57	7996.45	165.60	-127.44	322.42	208.96	-166.75	0.18
8098.00	0.48	64.83	8090.44	165.79	-126.70	322.61	208.66	-166.94	0.18
8192.00	0.70	64.74	8184.44	166.21	-125.82	322.87	208.46	-167.34	0.23
8286.00	0.84	77.75	8278.43	166.60	-124.63	323.20	208.05	-167.72	0.24
8380.00	0.92	87.24	8372.42	166.78	-123.20	323.55	207.35	-167.89	0.18
8474.00	1.14	89.61	8466.40	166.82	-121.51	323.93	206.38	-167.92	0.24
8568.00	1.10	90.49	8560.39	166.82	-119.67	324.35	205.31	-167.90	0.05

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8663.00	1.14	86.45	8655.37	166.87	-117.82	324.78	204.27	-167.93	0.09
8757.00	1.27	96.12	8749.35	166.82	-115.85	325.22	203.10	-167.86	0.26
8851.00	1.19	98.14	8843.33	166.57	-113.85	325.65	201.76	-167.60	0.10
8929.00	1.10	93.74	8921.31	166.41	-112.30	325.99	200.75	-167.42	0.16
8945.00	1.32	99.37	8937.31	166.37	-111.96	326.06	200.53	-167.38	1.56
9039.00	0.84	104.82	9031.29	166.01	-110.23	326.42	199.28	-167.01	0.52
9133.00	1.41	88.56	9125.27	165.87	-108.41	326.83	198.15	-166.84	0.69
9227.00	1.10	121.60	9219.25	165.42	-106.48	327.23	196.73	-166.38	0.82
9321.00	1.32	127.23	9313.23	164.29	-104.85	327.45	194.90	-165.24	0.27
9415.00	1.01	137.07	9407.21	163.03	-103.43	327.61	193.07	-163.96	0.39
9509.00	1.10	157.82	9501.19	161.59	-102.52	327.61	191.37	-162.51	0.42
9603.00	0.88	169.15	9595.18	160.05	-102.04	327.48	189.81	-160.97	0.31
9698.00	1.45	172.84	9690.16	158.14	-101.76	327.24	188.05	-159.05	0.60
9792.00	1.45	199.12	9784.13	155.83	-102.00	326.79	186.25	-156.75	0.70
9839.00	1.45	189.72	9831.12	154.69	-102.29	326.52	185.45	-155.61	0.51
9933.00	11.74	177.41	9924.37	143.93	-102.06	324.66	176.44	-144.85	10.99
10027.00	25.98	181.72	10013.10	113.64	-102.25	318.02	152.87	-114.56	15.21
10121.00	35.69	184.62	10093.72	65.61	-105.08	301.98	123.88	-66.56	10.45
10215.00	43.60	181.37	10166.05	5.78	-108.07	273.06	108.22	-6.76	8.70
10309.00	48.31	179.88	10231.38	-61.76	-108.77	240.41	125.08	60.77	5.14
10405.00	54.64	178.82	10291.15	-136.82	-107.89	218.26	174.24	135.84	6.65
10497.00	63.38	179.44	10338.47	-215.60	-106.71	206.33	240.57	214.63	9.52
10591.00	69.27	179.96	10376.20	-301.65	-106.27	199.41	319.82	300.68	6.29
10685.00	75.30	179.61	10404.79	-391.15	-105.93	195.15	405.24	390.18	6.42
10780.00	82.68	181.55	10422.92	-484.33	-106.89	192.45	495.99	483.34	8.02
10874.00	88.26	181.02	10430.35	-577.98	-108.99	190.68	588.16	576.96	5.96
10968.00	89.71	178.73	10432.01	-671.95	-108.79	189.20	680.70	670.94	2.88
11063.00	90.99	178.73	10431.43	-766.93	-106.68	187.92	774.31	765.93	1.35
11157.00	88.66	177.85	10431.72	-860.88	-103.88	186.88	867.12	859.90	2.65
11251.00	89.05	177.15	10433.60	-954.77	-99.78	185.97	959.97	953.82	0.85
11345.00	89.85	176.62	10434.50	-1048.62	-94.67	185.16	1052.89	1047.72	1.02
11439.00	91.60	176.54	10433.31	-1142.44	-89.06	184.46	1145.91	1141.59	1.86
11533.00	90.02	176.27	10431.98	-1236.25	-83.17	183.85	1239.04	1235.44	1.71
11558.00	90.24	176.27	10431.92	-1261.19	-81.54	183.70	1263.83	1260.40	0.88
11653.00	90.51	178.56	10431.30	-1356.09	-77.26	183.26	1358.29	1355.33	2.43
11747.00	89.32	180.05	10431.44	-1450.08	-76.12	183.00	1452.07	1449.33	2.03
11841.00	89.93	180.05	10432.06	-1544.07	-76.20	182.83	1545.95	1543.32	0.65

DigiDrill DataLogger

4/6

www.digidrill.com

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
11935.00	88.92	180.32	10433.00	-1638.07	-76.50	182.67	1639.85	1637.31	1.11
12030.00	89.71	180.58	10434.14	-1733.06	-77.25	182.55	1734.78	1732.28	0.88
12124.00	90.86	180.75	10433.67	-1827.05	-78.34	182.46	1828.73	1826.26	1.24
12219.00	90.15	181.37	10432.83	-1922.03	-80.10	182.39	1923.70	1921.22	0.99
12313.00	90.59	181.46	10432.22	-2016.00	-82.42	182.34	2017.68	2015.17	0.48
12407.00	90.11	180.23	10431.65	-2109.98	-83.81	182.27	2111.65	2109.13	1.40
12501.00	90.20	179.44	10431.40	-2203.98	-83.54	182.17	2205.56	2203.13	0.85
12595.00	89.01	179.00	10432.04	-2297.97	-82.26	182.05	2299.44	2297.13	1.35
12689.00	89.14	179.00	10433.56	-2391.94	-80.62	181.93	2393.30	2391.11	0.14
12784.00	90.07	179.08	10434.22	-2486.92	-79.02	181.82	2488.18	2486.10	0.98
12878.00	88.70	179.52	10435.22	-2580.91	-77.88	181.73	2582.08	2580.10	1.53
12972.00	87.78	179.26	10438.11	-2674.86	-76.88	181.65	2675.96	2674.05	1.02
13066.00	88.13	179.17	10441.47	-2768.79	-75.59	181.56	2769.82	2767.99	0.38
13160.00	88.62	178.91	10444.13	-2862.74	-74.01	181.48	2863.70	2861.95	0.59
13254.00	89.85	178.29	10445.39	-2956.70	-71.72	181.39	2957.57	2955.93	1.47
13348.00	91.08	177.85	10444.62	-3050.64	-68.55	181.29	3051.41	3049.89	1.39
13442.00	90.99	178.91	10442.93	-3144.59	-65.90	181.20	3145.28	3143.86	1.13
13536.00	90.15	178.73	10441.99	-3238.56	-63.96	181.13	3239.19	3237.85	0.91
13631.00	90.11	180.23	10441.78	-3333.55	-63.10	181.08	3334.15	3332.84	1.58
13725.00	88.92	179.44	10442.57	-3427.55	-62.83	181.05	3428.12	3426.84	1.52
13819.00	89.32	178.65	10444.01	-3521.52	-61.26	181.00	3522.06	3520.82	0.94
13913.00	90.15	177.77	10444.45	-3615.47	-58.32	180.92	3615.95	3614.80	1.29
14007.00	89.36	178.91	10444.85	-3709.43	-55.60	180.86	3709.85	3708.77	1.48
14101.00	90.07	178.91	10445.32	-3803.41	-53.81	180.81	3803.79	3802.77	0.76
14195.00	90.68	179.44	10444.70	-3897.40	-52.46	180.77	3897.75	3896.76	0.86
14290.00	91.47	179.00	10442.92	-3992.37	-51.17	180.73	3992.70	3991.75	0.95
14384.00	90.11	179.70	10441.63	-4086.36	-50.10	180.70	4086.66	4085.73	1.63
14478.00	88.53	180.23	10442.74	-4180.35	-50.04	180.69	4180.65	4179.72	1.77
14573.00	88.18	180.67	10445.47	-4275.30	-50.79	180.68	4275.61	4274.67	0.59
14667.00	89.23	180.14	10447.59	-4369.28	-51.45	180.67	4369.58	4368.63	1.25
14761.00	90.20	179.88	10448.06	-4463.27	-51.47	180.66	4463.57	4462.62	1.07
14855.00	89.32	180.40	10448.45	-4557.27	-51.70	180.65	4557.56	4556.61	1.09
14949.00	88.70	180.23	10450.08	-4651.26	-52.22	180.64	4651.55	4650.59	0.68
15043.00	89.36	179.44	10451.67	-4745.24	-51.95	180.63	4745.52	4744.57	1.10
15137.00	90.15	178.65	10452.07	-4839.23	-50.38	180.60	4839.49	4838.57	1.19
15231.00	90.07	178.21	10451.89	-4933.19	-47.80	180.56	4933.42	4932.55	0.48
15325.00	88.79	179.79	10452.83	-5027.17	-46.16	180.53	5027.38	5026.54	2.16

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
15419.00	88.57	180.05	10454.99	-5121.14	-46.03	180.51	5121.35	5120.51	0.36
15514.00	88.92	179.70	10457.07	-5216.12	-45.82	180.50	5216.32	5215.49	0.52
15608.00	89.23	181.02	10458.59	-5310.10	-46.41	180.50	5310.30	5309.46	1.44
15702.00	90.29	182.42	10458.98	-5404.05	-49.24	180.52	5404.28	5403.38	1.87
15796.00	91.43	182.42	10457.57	-5497.96	-53.20	180.55	5498.22	5497.25	1.21
15889.00	92.88	182.95	10454.08	-5590.79	-57.56	180.59	5591.08	5590.03	1.66
15982.00	92.35	181.81	10449.83	-5683.61	-61.42	180.62	5683.94	5682.82	1.35
16077.00	89.93	179.35	10447.94	-5778.57	-62.38	180.62	5778.91	5777.77	3.63
16170.00	89.67	177.41	10448.27	-5871.53	-59.75	180.58	5871.83	5870.74	2.10
16265.00	90.55	177.68	10448.08	-5966.44	-55.68	180.53	5966.70	5965.69	0.97
16359.00	89.14	178.21	10448.34	-6060.38	-52.31	180.49	6060.60	6059.65	1.60
16453.00	89.10	178.38	10449.78	-6154.32	-49.51	180.46	6154.52	6153.62	0.19
16547.00	89.19	178.12	10451.18	-6248.27	-46.64	180.43	6248.44	6247.59	0.29
16641.00	91.52	178.12	10450.60	-6342.21	-43.56	180.39	6342.36	6341.55	2.48
16735.00	91.78	179.61	10447.90	-6436.15	-41.70	180.37	6436.29	6435.51	1.61
16828.00	90.51	179.79	10446.04	-6529.13	-41.21	180.36	6529.26	6528.49	1.38
16922.00	90.11	179.96	10445.53	-6623.13	-41.00	180.35	6623.25	6622.48	0.46
17016.00	91.08	179.79	10444.55	-6717.12	-40.80	180.35	6717.24	6716.47	1.05
17110.00	91.52	179.88	10442.42	-6811.10	-40.53	180.34	6811.22	6810.45	0.48
17204.00	90.15	179.79	10441.05	-6905.08	-40.26	180.33	6905.20	6904.43	1.46
17298.00	89.80	179.79	10441.09	-6999.08	-39.91	180.33	6999.20	6998.43	0.37
17392.00	89.58	180.05	10441.60	-7093.08	-39.78	180.32	7093.19	7092.43	0.36
17486.00	89.67	180.14	10442.22	-7187.08	-39.94	180.32	7187.19	7186.42	0.14
17580.00	90.02	180.14	10442.47	-7281.08	-40.17	180.32	7281.19	7280.41	0.37
17674.00	89.63	180.23	10442.76	-7375.08	-40.47	180.31	7375.19	7374.41	0.43
17768.00	90.81	180.58	10442.40	-7469.07	-41.13	180.32	7469.18	7468.39	1.31
17862.00	89.54	180.58	10442.11	-7563.06	-42.09	180.32	7563.18	7562.37	1.35
17956.00	90.20	180.49	10442.32	-7657.06	-42.96	180.32	7657.18	7656.35	0.71
18050.00	90.99	180.32	10441.35	-7751.05	-43.63	180.32	7751.17	7750.34	0.86
18144.00	90.29	180.05	10440.30	-7845.04	-43.93	180.32	7845.17	7844.32	0.80
18176.00	91.03	180.40	10439.93	-7877.04	-44.06	180.32	7877.16	7876.32	2.56

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
18240.00	91.03	180.40	10438.78	-7941.03	-44.50	180.32	7941.15	7940.30	0.00

Well Name: MULVA FED COM	Well Location: T24S / R35E / SEC 27 / SWSW / 32.1812779 / -103.361465	County or Parish/State: LEA / NM
Well Number: 111H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138893	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547341	Well Status: Approved Application for Permit to Drill	Operator: TAP ROCK OPERATING LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 05/18/2021	Time Sundry Submitted: 08:15
Date Operation Actually Began: 04/29/2021	

Actual Procedure: Well spud on 1/6/2021 at 19:45 2/9/2021: TD Reached at 18240 ft MD, 10439 ft TVD. Plug Back Measured depth at 18171 ft MD, 10440 ft TVD. Rig Release on 2/11/2021 at 6:00. 4/29/2021: Pressure test casing to 5000 psi for 30 minutes, good test. 4/30/2021 to 5/9/2021: Perforate from 10384 ft to 18100 ft, 1 SPF, .55 inch holes with 481 total shots. 37 stage frac with 19,434,195 lbs of 100 mesh sand. 5/12/2021 to 5/14/2021: Drill out plugs 5/15/2021: Ready to produce Formation Tops (Total Vertical Depth): Formation TVD (feet) Rustler 841 Top of Salt 5,017 Base of Salt 5,157 Delaware 5,339 Lamar 5,339 Bell 5,358 Ramsey 5,442 Cherry 6,238 Brushy 7,755 Bone Spring 9,045 Upper Avalon 9,064 Middle Avalon 9,290 Lower Avalon 9,869 1st Bone Spring Sand 10,284 Request for OCD extension of time to file BLM approved Form 3160-4.

Well Name: MULVA FED COM	Well Location: T24S / R35E / SEC 27 / SWSW / 32.1812779 / -103.361465	County or Parish/State: LEA / NM
Well Number: 111H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138893	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547341	Well Status: Approved Application for Permit to Drill	Operator: TAP ROCK OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BILL RAMSEY **Signed on:** MAY 18, 2021 08:13 AM

Name: TAP ROCK OPERATING LLC

Title: Regulatory Analyst

Street Address: 523 PARK POINT DRIVE SUITE 200

City: GOLDEN **State:** CO

Phone: (720) 360-4028

Email address: BRAMSEY@TAPRK.COM

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 05/27/2021
Signature: Jonathon Shepard	

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								1. WELL API NO. 30-025-47341										
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 Mulva Fed Com										
								6. Well Number: 111H										
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 WC-025 G-07 S243517D;MIDDLE BONE SP											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	27	24S	35E	-	13	South	760	West	LEA								
BH:	E	3	25S	35E	-	2647	North	641	West	LEA								
13. Date Spudded 1/6/2021	14. Date T.D. Reached 2/9/2021		15. Date Rig Released 2/11/2021		16. Date Completed (Ready to Produce) 5/15/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3279										
18. Total Measured Depth of Well 18240			19. Plug Back Measured Depth 18171		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Gamma										
22. Producing Interval(s), of this completion - Top, Bottom, Name 10384' - 18100'							Middle 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		993'		17.5"		1445 sks										
9.625"		40		5284'		12.25"		1609 sks										
5.5"		23		18215'		8.5"		2341 sks										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET								
26. Perforation record (interval, size, and number) 10384 ft to 18100 ft, 1 SPF, .55 inch holes with 481 total shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10384' - 18100'</td> <td>37 stage frac with 19,434,195 lbs of 100 mesh sand</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10384' - 18100'	37 stage frac with 19,434,195 lbs of 100 mesh sand				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
10384' - 18100'	37 stage frac with 19,434,195 lbs of 100 mesh sand																	
28. PRODUCTION																		
Date First Production 6/24/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 7/1/2021	Hours Tested 24 hrs	Choke Size 64/64	Prod'n For Test Period	Oil - Bbl 1021	Gas - MCF 1737	Water - Bbl. 4158	Gas - Oil Ratio 1701											
Flow Tubing Press. 0	Casing Pressure 1047	Calculated 24-Hour Rate	Oil - Bbl. 1021	Gas - MCF 1737	Water - Bbl. 4158	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By											
31. List Attachments Directional Survey, As Drilled Plat																		
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 Bill Ramsey		Title Regulatory Analyst			Date 7/7/2021										
E-mail Address bramsey@t+																		

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	832		Quandry					
832	5008		Rustler					
5008	5148		Top of Salt					
5148	5330		Base of Salt					
5330	5358		Lamar					
5358	6238		Bell Canyon					
6238	7755		Cherry Canyon					
7755	9045		Brushy Canyon					
9045	9290		Bone Spring Lime					
9290	10284		Avalon Sand					
10284			Bone Spring First					

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 35414

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 35414
	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.

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

CONDITIONS

Action 35414

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 35414
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/23/2021