

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 25-48605	⁵ Pool Name WC-025 G-09 S263527D; BONE SPRING	⁶ Pool Code 98143
⁷ Property Code 329955	⁸ Property Name TALCO STATE FED COM	⁹ Well Number 111H

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
D	16	26S	35E	-	435	NORTH	1189	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
M	21	26S	35E	-	29	SOUTH	316	WEST	LEA
¹² Lse Code S/F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/26/2022	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
14021	MARATHON OIL CO P.O. BOX 552 MIDLAND, TX 79701	O
371960	LUCID ENERGY GROUP 3100 MCKINNON ST #800 DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 5/12/2022	²² Ready Date 9/19/2022	²³ TD 20770'	²⁴ PBTB 20702'	²⁵ Perforations 10545 ft to 20631 ft	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1124'	925 sks		
12.25**	9.625"	5496'	1360 sks		
8.75"/6.75"	5.5"	20749'	2275 sks		
*corrected from casing sundry					

V. Well Test Data

³¹ Date New Oil 9/26/2022	³² Gas Delivery Date 9/26/2022	³³ Test Date 10/8/2022	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1500
³⁷ Choke Size 44/64	³⁸ Oil 323	³⁹ Water 5019	⁴⁰ Gas 1126		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: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: jtrlica@taprk.com			Approval Date: 12/13/2023		
Date: 10/25/2022		Phone: 720-772-5910			

District I
1625 N. French Dr., Hobbs, NM 88240
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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 30-025-48605	² Pool Code 98143	³ Pool Name WC-025 G-09 S263527D; BONE SPRING
⁴ Property Code 329955	⁵ Property Name TALCO STATE FED COM	⁶ Well Number 111H
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3201'

¹⁰Surface Location

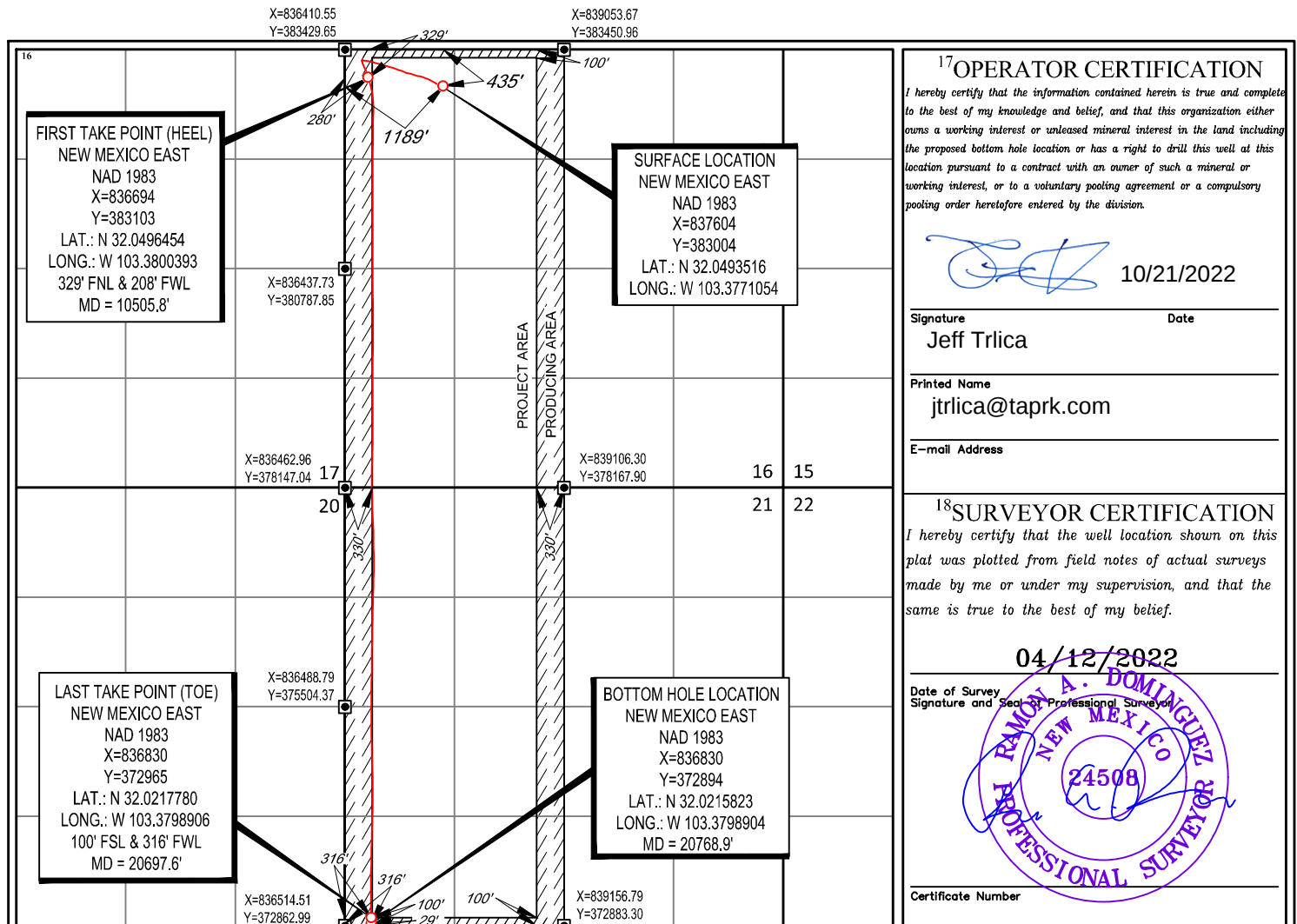
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	26-S	35-E	-	435'	NORTH	1189'	WEST	LEA

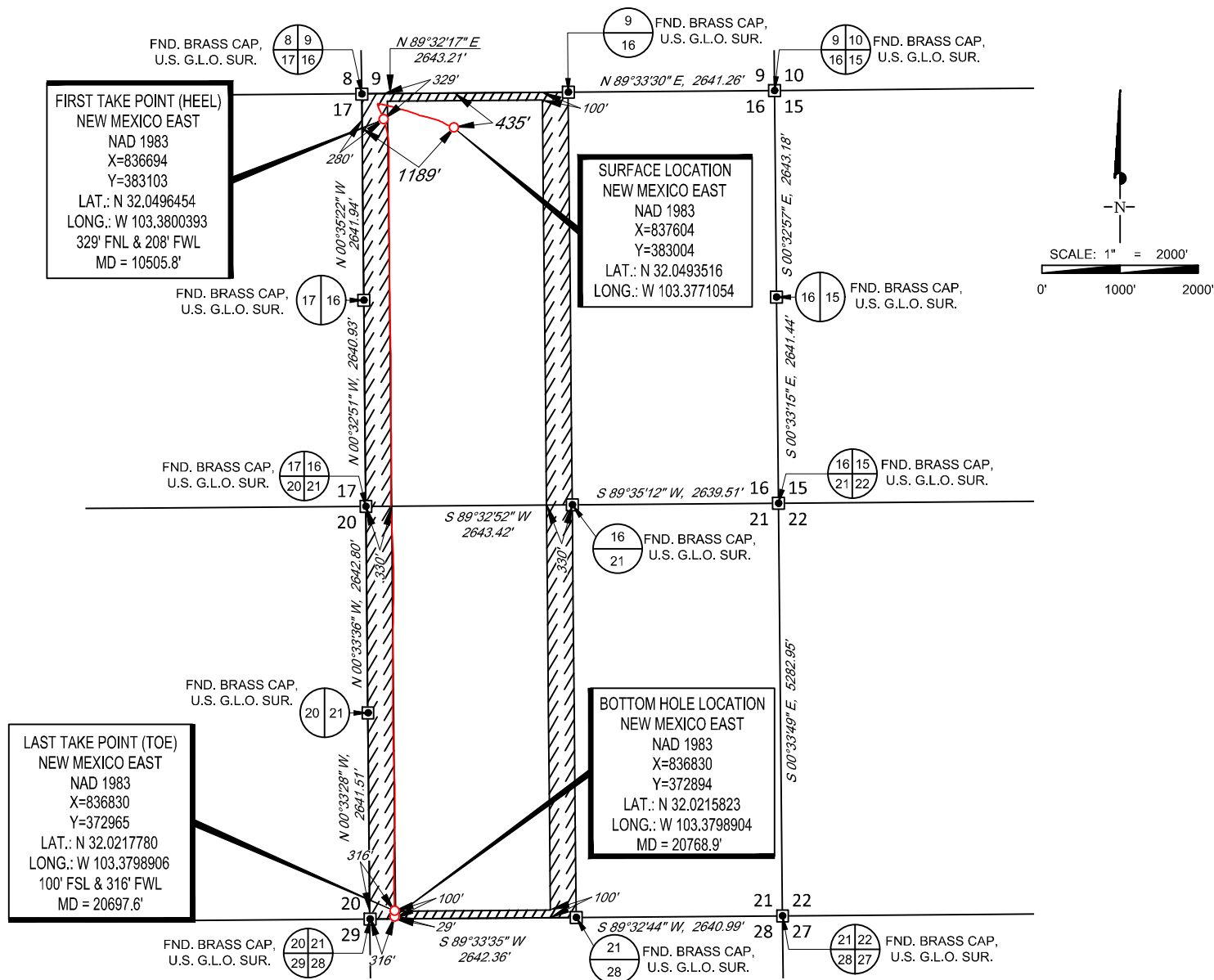
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	26-S	35-E	-	29'	SOUTH	316'	WEST	LEA

¹² Dedicated Acres 640	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.



SECTION 16, TOWNSHIP 26-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEASE NAME & WELL NO.: TALCO STATE FED COM 111H
SECTION 16 TWP 26-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3201'
DESCRIPTION 435' FNL & 1192' FWL

INTERNAL
PRE-COMPLETION
PLAT



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM

TALCO STATE FED COM 111H PRE-COMPLETION	REVISION:		NOTES:
	INT	DATE	
DATE: 08/09/2022			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_TALCO_STATE_FED_COM_111H			
DRAWN BY: SAR			
SHEET: 2 OF 2			

S:\SURVEY\TAPROCK\TALCO_STATE\FINAL_PRODUCTS\TALCO_STATE_FED_COM_111H.DWG 8/10/2022 12:52:30 PM bzollinger



Operator: Tap Rock Resources, LLC.
Well Name: Talco State Fed Com 111H
County: Lea County
State: New Mexico
Rig Name: H&P 264
API: 30-025-48605

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: 100.00' MD – 20,702.00' MD
Projection to Bit: 20,770' MD
Dates Performed: 05/12/2022 – 06/24/2022
Type of Survey: MWD

Sincerely,

A handwritten signature in black ink, appearing to read "George Dominguez".

George Dominguez
MWD Coordinator
Intrepid Directional Drilling Specialists





Operator:

Well Name:

Job Number:

Survey Company:

Rig Name:

Tap Rock Resources, LLC.

Talco State Fed Com 111H

ID3422

Intrepid Directional Drilling Specialists

H&P 264

Target KBTVD: 10610.00

Target Inclination: 90.50°

Declination Correction: 5.77°

DF Elevation: 3,227'

Vertical Section Calculated Along Azimuth: 179.44°

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	152	0.70	4.36	152	152.00	-0.93	0.93	0.07	0.46
MWD	2	245	0.75	24.67	93	244.99	-2.04	2.05	0.37	0.28
MWD	3	328	0.75	33.10	83	327.98	-2.99	2.99	0.89	0.13
MWD	4	514	0.79	40.31	186	513.97	-4.97	4.99	2.39	0.06
MWD	5	606	0.40	69.67	92	605.96	-5.56	5.59	3.10	0.52
MWD	6	699	0.48	200.01	93	698.96	-5.30	5.33	3.27	0.86
MWD	7	792	0.26	190.34	93	791.96	-4.73	4.76	3.10	0.25
MWD	8	885	0.31	270.23	93	884.96	-4.53	4.55	2.81	0.40
MWD	9	978	0.31	219.87	93	977.95	-4.34	4.36	2.39	0.28
MWD	10	1071	0.31	315.50	93	1070.95	-4.33	4.35	2.06	0.49
MWD	11	1161	0.18	297.57	90	1160.95	-4.57	4.59	1.76	0.17
MWD	12	1256	0.88	235.16	95	1255.95	-4.23	4.24	1.03	0.86
MWD	13	1352	1.36	225.67	96	1351.93	-3.03	3.02	-0.39	0.53
MWD	14	1447	2.55	244.66	95	1446.87	-1.36	1.33	-3.11	1.41
MWD	15	1543	3.25	247.38	96	1542.75	0.56	-0.63	-7.55	0.74
MWD	16	1638	2.90	268.12	95	1637.62	1.62	-1.75	-12.44	1.22
MWD	17	1734	2.90	274.89	96	1733.49	1.45	-1.62	-17.28	0.36
MWD	18	1829	3.69	276.65	95	1828.34	0.84	-1.06	-22.71	0.84
MWD	19	1925	4.35	278.41	96	1924.10	-0.12	-0.17	-29.38	0.70
MWD	20	2021	5.32	284.65	96	2019.76	-1.85	1.49	-37.29	1.15
MWD	21	2116	5.67	288.16	95	2114.32	-4.51	4.07	-46.01	0.51
MWD	22	2212	7.08	287.81	96	2209.73	-7.90	7.35	-56.15	1.47
MWD	23	2307	7.30	292.03	95	2303.98	-12.07	11.41	-67.32	0.60
MWD	24	2403	7.91	296.25	96	2399.13	-17.39	16.62	-78.90	0.86
MWD	25	2499	8.75	296.60	96	2494.12	-23.70	22.81	-91.35	0.88
MWD	26	2594	9.67	297.39	95	2587.90	-30.74	29.71	-104.90	0.98
MWD	27	2690	9.27	300.29	96	2682.59	-38.48	37.32	-118.73	0.65
MWD	28	2786	9.49	299.68	96	2777.30	-46.43	45.14	-132.29	0.25
MWD	29	2881	10.07	299.06	95	2870.92	-54.48	53.05	-146.35	0.62
MWD	30	2977	9.54	301.08	96	2965.52	-62.80	61.24	-160.50	0.66
MWD	31	3073	10.02	295.90	96	3060.13	-70.70	68.99	-174.83	1.04
MWD	32	3168	10.33	292.12	95	3153.63	-77.67	75.81	-190.15	0.77
MWD	33	3264	10.68	289.83	96	3248.02	-84.08	82.07	-206.49	0.57
MWD	34	3360	11.60	287.46	96	3342.22	-90.17	87.98	-224.07	1.07
MWD	35	3455	10.90	289.66	95	3435.39	-96.23	93.87	-241.64	0.86
MWD	36	3551	11.16	285.53	96	3529.62	-101.94	99.41	-259.14	0.87
MWD	37	3647	11.56	282.98	96	3623.74	-106.77	104.06	-277.46	0.67
MWD	38	3742	11.03	284.12	95	3716.90	-111.30	108.41	-295.55	0.61
MWD	39	3838	10.42	285.88	96	3811.22	-116.08	113.03	-312.81	0.72
MWD	40	3934	9.89	286.84	96	3905.72	-121.00	117.79	-329.05	0.58
MWD	41	4029	9.89	286.23	95	3999.30	-125.80	122.44	-344.69	0.11
MWD	42	4125	9.58	286.67	96	4093.92	-130.55	127.03	-360.26	0.33
MWD	43	4221	8.84	286.05	96	4188.68	-135.02	131.36	-375.00	0.78
MWD	44	4316	7.96	284.73	95	4282.66	-138.85	135.06	-388.38	0.95
MWD	45	4412	8.18	281.66	96	4377.71	-142.04	138.13	-401.50	0.50
MWD	46	4508	8.18	279.99	96	4472.74	-144.74	140.69	-414.91	0.25
MWD	47	4604	7.87	279.73	96	4567.80	-147.16	142.99	-428.11	0.33
MWD	48	4699	9.49	284.56	95	4661.71	-150.37	146.06	-442.11	1.87
MWD	49	4795	11.08	290.45	96	4756.16	-155.74	151.27	-458.41	1.98
MWD	50	4890	9.93	291.94	95	4849.57	-162.15	157.52	-474.56	1.24
MWD	51	4986	8.62	293.52	96	4944.31	-168.25	163.48	-488.84	1.39
MWD	52	5082	8.84	290.62	96	5039.20	-173.85	168.95	-502.34	0.51
MWD	53	5177	10.77	287.64	95	5132.81	-179.26	174.21	-517.63	2.10
MWD	54	5272	10.42	289.74	95	5226.19	-185.02	179.80	-534.18	0.55
MWD	55	5368	9.67	289.83	96	5320.72	-190.84	185.47	-549.93	0.78
MWD	56	5441	9.01	290.89	73	5392.75	-195.06	189.59	-561.04	0.93
MWD	57	5550	8.66	288.78	109	5500.46	-200.90	195.27	-576.78	0.44
MWD	58	5646	8.66	286.84	96	5595.36	-205.46	199.69	-590.54	0.30
MWD	59	5742	8.48	285.17	96	5690.29	-209.54	203.64	-604.29	0.32
MWD	60	5837	8.4	285.79	95	5784.26	-213.39	207.36	-617.73	0.13
MWD	61	5933	7.6	283.33	96	5879.33	-216.89	210.73	-630.65	0.91
MWD	62	6028	8.48	285.44	95	5973.39	-220.33	214.05	-643.52	0.98
MWD	63	6124	9.98	287.02	96	6068.15	-224.79	218.37	-658.30	1.58
MWD	64	6220	9.76	285.53	96	6162.73	-229.56	222.98	-674.09	0.35
MWD	65	6316	8.88	283.86	96	6257.46	-233.66	226.93	-689.13	0.96

MWD	66	6411	7.96	281.57	95	6351.43	-236.87	230.01	-702.69	1.03
MWD	67	6507	8.92	285.7	96	6446.39	-240.35	233.36	-716.37	1.18
MWD	68	6603	9.45	285.97	96	6541.16	-244.67	237.54	-731.11	0.55
MWD	69	6698	9.23	285.88	95	6634.90	-249.05	241.77	-745.93	0.23
MWD	70	6794	10.55	286.93	96	6729.47	-253.87	246.44	-761.75	1.39
MWD	71	6889	11.78	286.67	95	6822.67	-259.36	251.75	-779.36	1.30
MWD	72	6985	11.91	285.97	96	6916.63	-265.08	257.29	-798.27	0.20
MWD	73	7081	11.47	285.7	96	7010.64	-270.57	262.60	-816.98	0.46
MWD	74	7176	10.55	283.5	95	7103.89	-275.33	267.18	-834.53	1.06
MWD	75	7272	9.93	281.83	96	7198.36	-279.24	270.93	-851.18	0.72
MWD	76	7368	8.97	282.98	96	7293.06	-282.76	274.31	-866.58	1.02
MWD	77	7463	8.79	283.5	95	7386.92	-286.26	277.67	-880.85	0.21
MWD	78	7559	8.35	281.75	96	7481.85	-289.53	280.80	-894.81	0.53
MWD	79	7655	7.47	281.04	96	7576.93	-292.27	283.41	-907.76	0.92
MWD	80	7750	6.81	279.11	95	7671.19	-294.46	285.49	-919.38	0.74
MWD	81	7846	6.73	280.34	96	7766.53	-296.48	287.40	-930.53	0.17
MWD	82	7941	6.24	279.29	95	7860.92	-298.41	289.23	-941.10	0.53
MWD	83	8037	4.44	274.19	96	7956.50	-299.61	290.34	-949.96	1.94
MWD	84	8133	4.18	271.02	96	8052.23	-300.02	290.68	-957.16	0.37
MWD	85	8228	3.03	257.14	95	8147.04	-299.58	290.18	-963.07	1.51
MWD	86	8324	2.95	286.93	96	8242.91	-299.78	290.34	-967.91	1.60
MWD	87	8419	2.46	283.94	95	8337.81	-301.03	291.54	-972.23	0.54
MWD	88	8515	1.93	284.82	96	8433.74	-301.97	292.45	-975.79	0.55
MWD	89	8611	1.05	287.64	96	8529.70	-302.67	293.13	-978.19	0.92
MWD	90	8706	0.75	264.61	95	8624.69	-302.89	293.33	-979.64	0.49
MWD	91	8802	0.26	204.84	96	8720.69	-302.64	293.08	-980.36	0.69
MWD	92	8898	1.41	308.38	96	8816.68	-303.19	293.61	-981.37	1.55
MWD	93	8993	1.27	319.01	95	8911.65	-304.73	295.13	-982.98	0.30
MWD	94	9089	1.19	300.2	96	9007.63	-306.05	296.44	-984.54	0.43
MWD	95	9185	0.79	319.19	96	9103.62	-307.06	297.44	-985.84	0.53
MWD	96	9280	0.40	275.24	95	9198.61	-307.59	297.97	-986.59	0.60
MWD	97	9376	0.35	308.64	96	9294.61	-307.81	298.18	-987.16	0.23
MWD	98	9471	0.18	107.72	95	9389.61	-307.95	298.32	-987.24	0.55
MWD	99	9567	0.75	159.75	96	9485.61	-307.31	297.68	-986.88	0.68
MWD	100	9663	1.23	192.27	96	9581.59	-305.72	296.08	-986.88	0.75
MWD	101	9758	1.76	184.63	95	9676.56	-303.27	293.63	-987.22	0.59
MWD	102	9854	1.89	181.02	96	9772.51	-300.22	290.58	-987.36	0.18
MWD	103	9906	2.15	181.64	52	9824.48	-298.39	288.75	-987.41	0.50
MWD	104	9984	2.42	196.76	78	9902.42	-295.35	285.71	-987.92	0.84
MWD	105	10079	9.45	162.39	95	9996.87	-285.97	276.34	-986.14	7.97
MWD	106	10175	18.64	162.04	96	10089.90	-263.74	254.19	-979.01	9.57
MWD	107	10271	26.51	154.22	96	10178.49	-229.66	220.24	-964.93	8.76
MWD	108	10366	33.01	151.58	95	10260.92	-187.56	178.34	-943.37	6.98
MWD	109	10405	36.13	154.22	39	10293.03	-167.76	158.64	-933.31	8.87
MWD	110	10462	39.30	159.14	57	10338.13	-135.61	126.63	-919.57	7.67
MWD	111	10535	46.46	164.24	73	10391.60	-88.32	79.48	-904.13	10.89
MWD	112	10557	49.36	165.03	22	10406.35	-72.53	63.74	-899.81	13.45
MWD	113	10653	60.13	164.15	96	10461.68	3.12	-11.71	-878.97	11.24
MWD	114	10749	70.99	169.25	96	10501.36	88.24	-96.64	-859.06	12.30
MWD	115	10844	81.05	176.01	95	10524.31	179.61	-187.90	-847.38	12.64
MWD	116	10940	87.82	180.94	96	10533.62	275.06	-283.33	-844.86	8.71
MWD	117	10981	88.44	180.50	41	10534.96	316.03	-324.30	-845.38	1.85
MWD	118	11076	89.32	180.23	95	10536.81	410.99	-419.28	-845.98	0.97
MWD	119	11172	89.63	180.06	96	10537.69	506.98	-515.28	-846.22	0.37
MWD	120	11267	90.51	179.88	95	10537.58	601.98	-610.28	-846.17	0.95
MWD	121	11362	91.69	179.88	95	10535.75	696.96	-705.26	-845.98	1.24
MWD	122	11458	91.38	179.88	96	10533.18	792.92	-801.22	-845.78	0.32
MWD	123	11554	90.81	179.62	96	10531.35	888.90	-897.20	-845.36	0.65
MWD	124	11649	91.91	179.53	95	10529.09	983.87	-992.17	-844.65	1.16
MWD	125	11745	91.25	179.79	96	10526.44	1079.83	-1088.13	-844.08	0.74
MWD	126	11840	90.51	179.88	95	10524.99	1174.82	-1183.12	-843.81	0.78
MWD	127	11936	91.38	179.62	96	10523.40	1270.80	-1279.11	-843.39	0.95
MWD	128	12032	90.42	179.44	96	10521.89	1366.79	-1375.09	-842.60	1.02
MWD	129	12127	90.55	179.35	95	10521.09	1461.79	-1470.08	-841.60	0.17
MWD	130	12223	89.45	179.53	96	10521.09	1557.78	-1566.08	-840.66	1.16
MWD	131	12319	89.27	179.62	96	10522.16	1653.78	-1662.07	-839.95	0.21
MWD	132	12414	90.02	179.35	95	10522.75	1748.78	-1757.06	-839.10	0.84
MWD	133	12510	90.73	179.27	96	10522.12	1844.77	-1853.05	-837.94	0.74
MWD	134	12605	88.88	179.71	95	10522.45	1939.77	-1948.04	-837.09	2.00
MWD	135	12701	88.13	179.88	96	10524.95	2035.73	-2044.01	-836.75	0.80
MWD	136	12796	88.18	179.62	95	10528.01	2130.68	-2138.96	-836.34	0.28
MWD	137	12892	88.75	179.09	96	10530.58	2226.65	-2234.92	-835.26	0.81
MWD	138	12987	89.19	179.18	95	10532.29	2321.63	-2329.89	-833.82	0.47
MWD	139	13083	89.85	178.83	96	10533.09	2417.62	-2425.87	-832.15	0.78
MWD	140	13179	90.15	178.30	96	10533.09	2513.61	-2521.84	-829.75	0.63
MWD	141	13274	90.51	177.86	95	10532.55	2608.58	-2616.79	-826.57	0.60
MWD	142	13370	90.11	178.91	96	10532.03	2704.56	-2712.75	-823.86	1.17
MWD	143	13466	89.89	179.09	96	10532.03	2800.56	-2808.73	-822.19	0.30
MWD	144	13561	88.40	179.97	95	10533.44	2895.55	-2903.71	-821.41	1.82

MWD	145	13657	88.40	180.06	96	10536.12	2991.50	-2999.68	-821.43	0.09
MWD	146	13753	89.01	179.79	96	10538.29	3087.48	-3095.65	-821.31	0.69
MWD	147	13849	89.98	179.88	96	10539.14	3183.47	-3191.65	-821.03	1.01
MWD	148	13944	90.51	179.53	95	10538.73	3278.47	-3286.64	-820.54	0.67
MWD	149	14039	91.16	179.27	95	10537.35	3373.46	-3381.63	-819.55	0.74
MWD	150	14135	89.93	179.97	96	10536.44	3469.45	-3477.62	-818.91	1.47
MWD	151	14230	88.35	179.88	95	10537.86	3564.43	-3572.60	-818.79	1.67
MWD	152	14326	87.30	179.71	96	10541.51	3660.36	-3668.53	-818.44	1.11
MWD	153	14421	88.13	179.44	95	10545.29	3755.28	-3763.45	-817.74	0.92
MWD	154	14517	88.92	179.27	96	10547.76	3851.25	-3859.41	-816.66	0.84
MWD	155	14612	89.76	179.18	95	10548.86	3946.24	-3954.40	-815.37	0.89
MWD	156	14708	90.90	179.44	96	10548.31	4042.24	-4050.39	-814.22	1.22
MWD	157	14798	90.55	180.06	90	10547.17	4132.23	-4140.38	-813.82	0.79
MWD	158	14989	91.21	180.32	191	10544.23	4323.19	-4331.36	-814.46	0.37
MWD	159	15085	89.19	180.94	96	10543.90	4419.16	-4427.34	-815.51	2.20
MWD	160	15181	88.48	180.50	96	10545.85	4515.12	-4523.32	-816.72	0.87
MWD	161	15276	89.14	180.32	95	10547.82	4610.08	-4618.29	-817.40	0.72
MWD	162	15372	89.85	180.32	96	10548.67	4706.07	-4714.29	-817.94	0.74
MWD	163	15468	87.21	178.56	96	10551.13	4802.02	-4810.24	-817.00	3.30
MWD	164	15563	87.12	178.12	95	10555.83	4896.89	-4905.08	-814.25	0.47
MWD	165	15659	87.78	177.86	96	10560.10	4992.76	-5000.93	-810.89	0.74
MWD	166	15755	88.57	177.86	96	10563.16	5088.68	-5096.81	-807.30	0.82
MWD	167	15850	89.27	177.60	95	10564.95	5183.62	-5191.72	-803.54	0.79
MWD	168	15946	89.89	176.81	96	10565.65	5279.54	-5287.60	-798.86	1.05
MWD	169	16041	90.07	176.98	95	10565.69	5374.45	-5382.46	-793.71	0.26
MWD	170	16137	89.49	178.56	96	10566.06	5470.40	-5478.38	-789.98	1.75
MWD	171	16232	90.07	178.74	95	10566.42	5565.39	-5573.36	-787.74	0.64
MWD	172	16328	90.59	179.00	96	10565.87	5661.38	-5669.34	-785.85	0.61
MWD	173	16423	91.47	178.91	95	10564.16	5756.36	-5764.30	-784.12	0.93
MWD	174	16519	91.03	180.41	96	10562.06	5852.34	-5860.28	-783.55	1.63
MWD	175	16614	91.56	180.58	95	10559.92	5947.30	-5955.25	-784.37	0.59
MWD	176	16710	90.64	180.94	96	10558.07	6043.25	-6051.22	-785.64	1.03
MWD	177	16806	91.12	181.11	96	10556.60	6139.20	-6147.19	-787.36	0.53
MWD	178	16901	90.11	181.20	95	10555.58	6234.16	-6242.17	-789.27	1.07
MWD	179	16997	88.57	180.58	96	10556.69	6330.11	-6338.15	-790.76	1.73
MWD	180	17092	89.19	180.85	95	10558.54	6425.07	-6433.12	-791.95	0.71
MWD	181	17188	90.07	180.58	96	10559.16	6521.05	-6529.11	-793.15	0.96
MWD	182	17283	88.66	180.76	95	10560.22	6616.02	-6624.09	-794.26	1.50
MWD	183	17379	88.66	180.58	96	10562.46	6711.97	-6720.06	-795.38	0.19
MWD	184	17474	90.24	180.32	95	10563.37	6806.94	-6815.05	-796.12	1.69
MWD	185	17570	89.71	179.88	96	10563.42	6902.94	-6911.05	-796.29	0.72
MWD	186	17666	91.12	179.97	96	10562.72	6998.93	-7007.05	-796.17	1.47
MWD	187	17761	91.65	179.97	95	10560.42	7093.90	-7102.02	-796.12	0.56
MWD	188	17857	92.35	179.97	96	10557.07	7189.83	-7197.96	-796.07	0.73
MWD	189	17952	92.53	179.88	95	10553.03	7284.74	-7292.87	-795.94	0.21
MWD	190	18047	91.43	179.53	95	10549.75	7379.69	-7387.81	-795.45	1.22
MWD	191	18142	91.65	179.35	95	10547.19	7474.65	-7482.77	-794.53	0.30
MWD	192	18238	90.55	179.62	96	10545.35	7570.63	-7578.75	-793.66	1.18
MWD	193	18333	90.64	179.27	95	10544.36	7665.63	-7673.74	-792.74	0.38
MWD	194	18429	90.77	178.74	96	10543.18	7761.62	-7769.72	-791.08	0.57
MWD	195	18525	91.52	178.83	96	10541.26	7857.59	-7865.68	-789.04	0.79
MWD	196	18620	89.36	178.30	95	10540.53	7952.57	-7960.64	-786.66	2.34
MWD	197	18716	88.92	177.77	96	10541.98	8048.53	-8056.57	-783.37	0.72
MWD	198	18811	89.80	177.95	95	10543.04	8143.49	-8151.50	-779.82	0.95
MWD	199	18907	90.55	178.12	96	10542.74	8239.46	-8247.44	-776.53	0.80
MWD	200	19003	91.60	177.77	96	10540.94	8335.41	-8343.36	-773.09	1.15
MWD	201	19098	92.35	178.48	95	10537.67	8430.32	-8438.25	-769.98	1.09
MWD	202	19194	90.15	179.62	96	10535.57	8526.29	-8534.21	-768.39	2.58
MWD	203	19289	91.21	180.41	95	10534.45	8621.28	-8629.20	-768.42	1.39
MWD	204	19385	89.76	180.41	96	10533.63	8717.26	-8725.19	-769.10	1.51
MWD	205	19481	89.58	180.41	96	10534.19	8813.24	-8821.19	-769.79	0.19
MWD	206	19576	89.93	180.76	95	10534.59	8908.22	-8916.18	-770.76	0.52
MWD	207	19672	90.81	180.94	96	10533.97	9004.19	-9012.17	-772.18	0.94
MWD	208	19768	91.21	181.11	96	10532.28	9100.14	-9108.14	-773.90	0.45
MWD	209	19863	91.78	180.94	95	10529.80	9195.07	-9203.09	-775.60	0.63
MWD	210	19959	92.35	181.11	96	10526.34	9290.97	-9299.01	-777.32	0.62
MWD	211	20055	90.42	179.88	96	10524.02	9386.92	-9394.97	-778.15	2.38
MWD	212	20150	91.12	180.06	95	10522.75	9481.90	-9489.96	-778.10	0.76
MWD	213	20246	89.80	179.79	96	10521.98	9577.90	-9585.96	-777.97	1.40
MWD	214	20341	89.36	179.35	95	10522.67	9672.89	-9680.95	-777.26	0.65
MWD	215	20437	90.02	179.71	96	10523.19	9768.89	-9776.95	-776.47	0.78
MWD	216	20533	90.11	179.44	96	10523.08	9864.89	-9872.94	-775.76	0.30
MWD	217	20628	90.68	179.62	95	10522.43	9959.89	-9967.94	-774.98	0.63
MWD	218	20702	91.30	179.44	74	10521.15	10033.88	-10041.92	-774.37	0.87
PTB	219	20770	91.30	179.44	68	10519.61	10101.86	-10109.90	-773.71	0.00

Well Name: TALCO STATE FED COM	Well Location: T26S / R35E / SEC 16 / NWNW / 32.0497077 / -103.3769404	County or Parish/State: LEA / NM
Well Number: 111H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0448921A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548605	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Subsequent Report

Sundry ID: 2698503

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 10/18/2022	Time Sundry Submitted: 08:45
Date Operation Actually Began: 08/06/2022	

Actual Procedure: 8/6/2022: Pressure test casing to 5000 psi for 30 minutes, good test. 8/13/2022 to 9/7/2022: Perforate from 10545 ft to 20631 ft, 1 SPF, .55 inch holes with 507 total shots. 39 stage frac with 26,186,380 lbs of 100 mesh sand. 9/15/2022 to 9/18/2022: Drill out plugs Plug Back Measured depth at 20702 ft MD, 10521 ft TVD. 9/19/2022: Ready to produce

Well Name: TALCO STATE FED COM	Well Location: T26S / R35E / SEC 16 / NWNW / 32.0497077 / -103.3769404	County or Parish/State: LEA / NM
Well Number: 111H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0448921A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548605	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Operator

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

Operator Electronic Signature: JEFFREY TRLICA	Signed on: OCT 18, 2022 08:45 AM
Name: TAP ROCK OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 523 PARK POINT DRIVE SUITE 200	
City: GOLDEN	State: CO
Phone: (720) 772-5910	
Email address: JTRLICA@TAPRK.COM	

Field

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: 10/20/2022
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. 30-025-48605										
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 TALCO STATE 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-09 S263527D; BONE SPRING											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	D	16	26S	35E	-	435	NORTH	1189	WEST	LEA								
BH:	M	21	26S	35E	-	29	SOUTH	316	WEST	LEA								
13. Date Spudded 5/12/2022	14. Date T.D. Reached 6/23/2022		15. Date Rig Released 6/26/2022		16. Date Completed (Ready to Produce) 9/19/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3201 GR										
18. Total Measured Depth of Well 20770 ft			19. Plug Back Measured Depth 20702 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 10545 ft to 20631 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		1124'		17.5"		925 sks		0								
9.625"		40		5496'		12.25**		1360 sks		0								
5.5"		23		20749'		8.75"/6.75"		2275 sks		0								
						*corrected from casing												
						sundry to 12.25"												
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 10545 ft to 20631 ft, 1 SPF, .55 inch holes with 507 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>10545 ft to 20631 ft</td> <td>39 stage frac with 26,186,380 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	10545 ft to 20631 ft	39 stage frac with 26,186,380 lbs of 100 mesh sand				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
10545 ft to 20631 ft	39 stage frac with 26,186,380 lbs of 100 mesh sand																	
28. PRODUCTION																		
Date First Production 9/26/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 10/8/2022	Hours Tested 24 hrs	Choke Size 44/64	Prod'n For Test Period	Oil - Bbl 323	Gas - MCF 1126	Water - Bbl. 5019	Gas - Oil Ratio 3486											
Flow Tubing Press. 0	Casing Pressure 1500	Calculated 24-Hour Rate	Oil - Bbl. 323	Gas - MCF 1126	Water - Bbl. 5019	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 			Printed Name Jeff Trlica			Title Regulatory Analyst			Date 10/25/2022									
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]

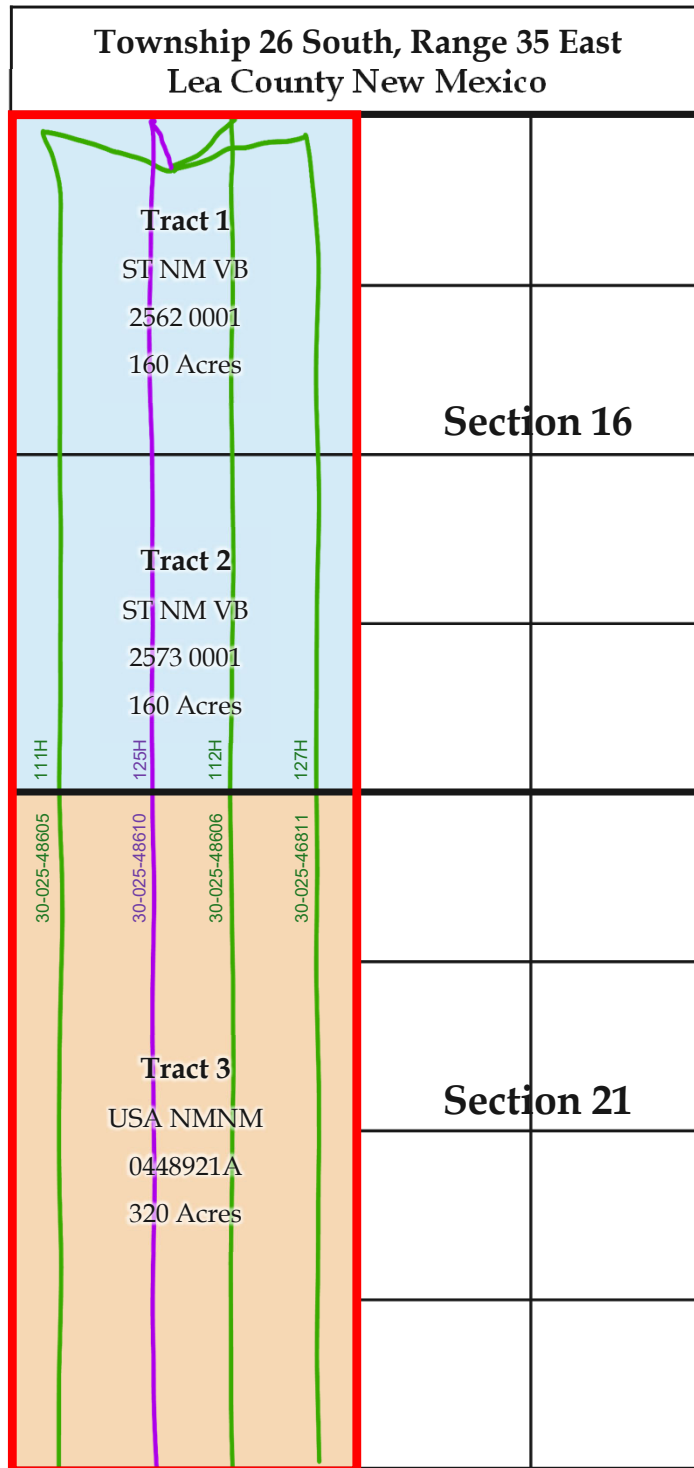
No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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	1104		Quaternary					
1104	1668		Rustler					
1668	5005		Top of Salt					
5005	5392		Base of Salt					
5392	5410		Lamar					
5410	6624		Bell Canyon					
6624	7846		Cherry Canyon					
7846	9308		Brushy Canyon					
9308	9660		Bone Spring					
9660	10492		Avalon					
10492			1st Bone Spring Sand					

Talco W2 Unit



State Acreage



Federal Acreage



Talco W2 Unit



Defining Talco Well



Talco Wells

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 153461

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 153461
	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
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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 153461

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 153461
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	12/13/2023