

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 25-47788	⁵ Pool Name WC-025 G-09 S243532M;WOLFBONE		⁶ Pool Code 98098 KZ
⁷ Property Code 328302	⁸ Property Name MULVA FED COM		⁹ Well Number 217H

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
N	27	24-S	35-E	-	210'	SOUTH	2046'	WEST	LEA

¹¹ Bottom Hole Location SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	3	25-S	35-E	-	2659'	NORTH	2296'	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 2/20/2021	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 10/10/2020	²² Ready Date 2/11/2021	²³ TD 20420'	²⁴ PBTD 20335'	²⁵ Perforations 12560' - 20263'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1028'	905 sks		
12.25"	9.625"	5035'	1667 sks		
8.75"	7.625"	11683'	600 sks		
6.75"	5.5"	20380'	1169 sks		

V. Well Test Data

³¹ Date New Oil 2/20/2021	³² Gas Delivery Date 2/20/2021	³³ Test Date 3/1/2021	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1600
³⁷ Choke Size 40/64	³⁸ Oil 2602	³⁹ Water 7626	⁴⁰ Gas 2154		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: PATRICIA MARTINEZ	
Title: Regulatory Analyst		Title: LM II	
E-mail Address: bramsey@taprk.com		Approval Date: 3/25/2021	
Date: 3/1/2021	Phone: 720-360-4028	FILE BLM 3160-4 COMPLETION REPORT WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL	

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 30-025-47788		² Pool Code 98098		³ Pool Name WC-025 G-09 S243532M:WOLFBONE	
⁴ Property Code 328302		⁵ Property Name MULVA FED COM			⁶ Well Number 217H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3282'

¹⁰Surface Location

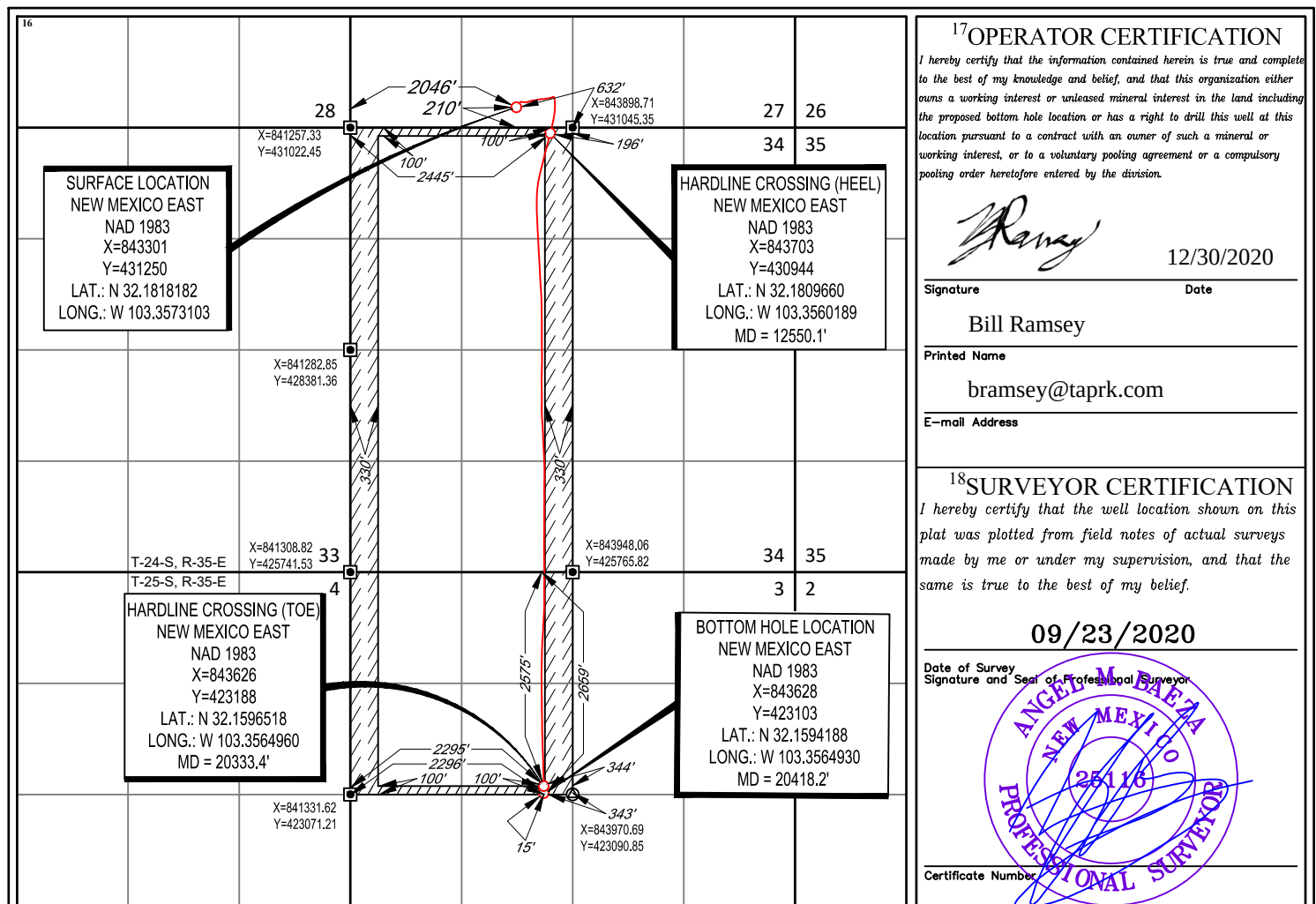
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	27	24-S	35-E	-	210'	SOUTH	2046'	WEST	LEA

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
F	3	25-S	35-E	-	2659'	NORTH	2296'	WEST	LEA

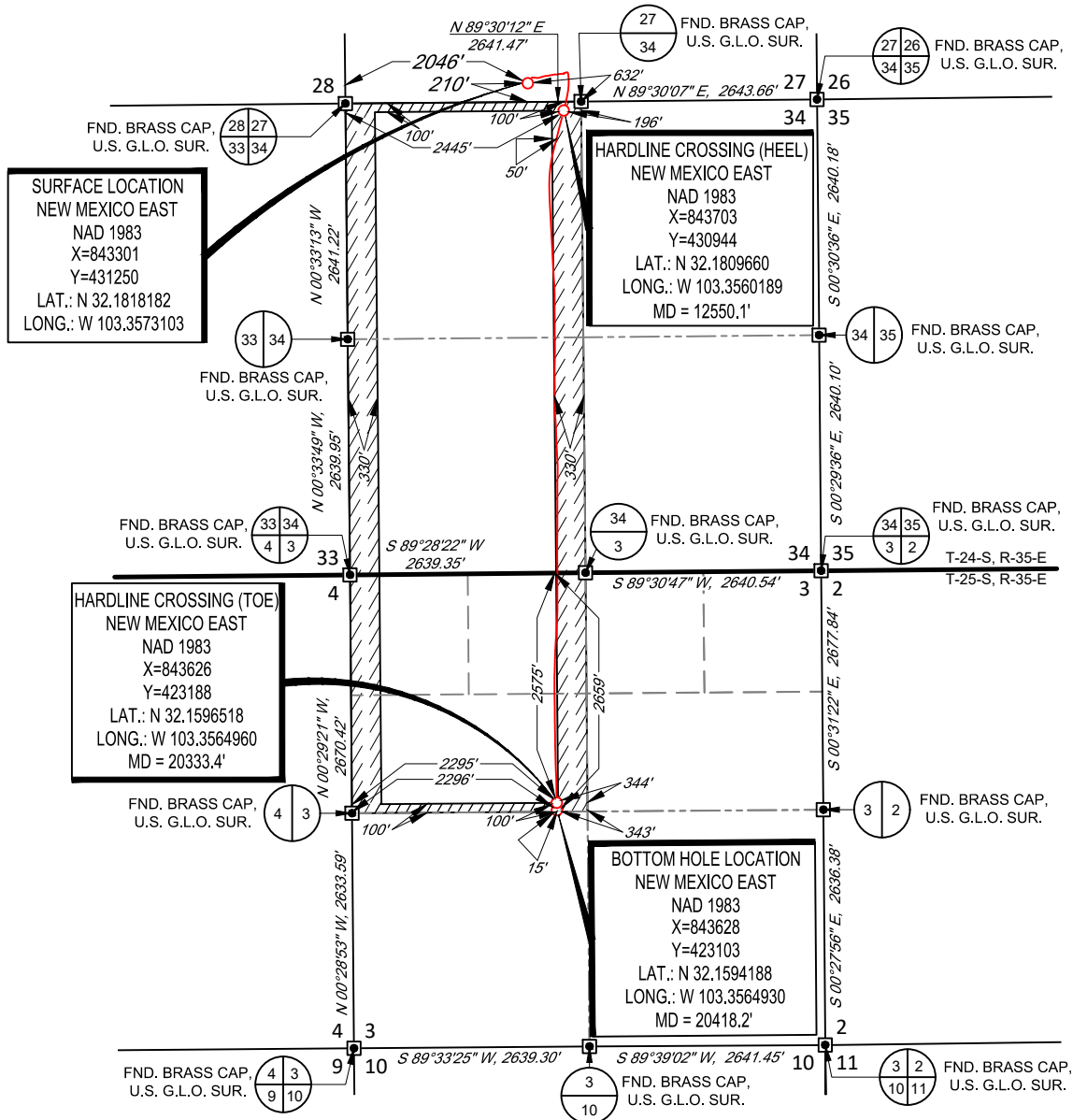
¹² Dedicated Acres 481.66	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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 217H
SECTION 27 TWP 24-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3282'
DESCRIPTION 210' FSL & 2046' 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

Angel M. Baeza, P.S. No. 25116
December 22, 2020

MULVA FED COM 217H PRE-COMPLETION	REVISION:		NOTES:
	INT	DATE	
DATE: 12/21/2020			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_217H			
DRAWN BY: A.V.F.			
SHEET: 1 OF 1			

S:\SURVEY\TAPROCK\MULVA_UNIT\FINAL_PRODUCT\SIC_MULVA_FED_COM_217H.DWG 12/23/2020 12:37:06 PM abaeza



Operator: Taprock Resources LLC
Well Name: Mulva Fed Com #217H
County: Lea
State: New Mexico
API Number: 30-025-47788

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: 177' MD – 20342' MD
Projection to Bit: 20420' MD
Dates Performed: 10/28/2020 – 11/15/2020
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "James Burleson".

James Burleson
Vice President of MWD Operations
Intrepid Directional Drilling Specialists





Survey Report

Service Company: Intrepid Directional Drilling Company

Location: (Mulva Fed) Sec-27_T-24-S_R-35-E

Well: Mulva Fed Com 217H

Rig: H&P388

API or UWI: 30-025-47788

Job Number: ID2703

State: New Mexico

Operating Company: Tap Rock

County: Lea County,

Magnetic Declination: 5.97

Country: USA

Proposed Azimuth: 179.46

Comment

North Reference: GRID

Latitude: 431446

Longitude: 841909

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
177.00	0.44	164.09	177.00	-0.65	0.19	164.09	0.68	0.66	0.25
236.00	0.31	126.47	236.00	-0.97	0.38	158.70	1.04	0.97	0.46
322.00	0.75	131.92	321.99	-1.48	0.98	146.43	1.78	1.49	0.51
412.00	1.19	130.95	411.98	-2.49	2.13	139.46	3.27	2.51	0.49
503.00	2.33	129.63	502.94	-4.29	4.27	135.14	6.05	4.33	1.25
594.00	2.42	136.84	593.86	-6.87	7.00	134.43	9.81	6.93	0.34
685.00	1.71	136.31	684.80	-9.25	9.26	134.98	13.09	9.34	0.78
776.00	0.88	223.41	775.78	-10.74	9.71	137.87	14.48	10.83	2.07
868.00	1.93	253.38	867.75	-11.70	7.74	146.49	14.03	11.77	1.36
959.00	2.90	251.89	958.67	-12.85	4.09	162.36	13.48	12.89	1.07
984.00	3.08	254.70	983.64	-13.22	2.84	167.89	13.53	13.25	0.93
1054.00	3.65	254.26	1053.52	-14.32	-1.12	184.47	14.37	14.31	0.82
1150.00	3.25	242.48	1149.34	-16.41	-6.47	201.53	17.64	16.35	0.85
1243.00	2.07	300.76	1242.26	-16.77	-10.26	211.45	19.66	16.67	3.00
1338.00	3.65	147.65	1337.20	-18.45	-10.11	208.73	21.04	18.35	5.87
1432.00	6.29	134.73	1430.84	-24.60	-4.85	191.16	25.08	24.55	3.03

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1523.00	5.23	129.72	1521.38	-30.76	1.88	176.50	30.82	30.78	1.29
1616.00	4.13	120.58	1614.07	-35.17	8.02	167.15	36.08	35.25	1.43
1709.00	3.03	113.46	1706.89	-37.86	13.16	160.83	40.08	37.98	1.27
1804.00	3.30	97.11	1801.75	-39.19	18.18	155.12	43.20	39.36	0.99
1899.00	3.38	52.11	1896.60	-37.81	23.10	148.58	44.31	38.03	2.69
1994.00	2.77	43.24	1991.47	-34.42	26.88	142.01	43.67	34.67	0.81
2089.00	2.51	25.75	2086.37	-30.87	29.36	136.44	42.61	31.15	0.89
2184.00	2.42	36.29	2181.28	-27.38	31.45	131.04	41.70	27.68	0.49
2279.00	2.64	36.20	2276.19	-24.00	33.93	125.27	41.56	24.32	0.23
2373.00	2.81	36.29	2370.08	-20.40	36.57	119.15	41.88	20.74	0.18
2468.00	2.86	38.84	2464.96	-16.67	39.44	112.92	42.82	17.04	0.14
2563.00	2.99	39.10	2559.84	-12.91	42.49	106.90	44.40	13.30	0.14
2659.00	2.33	13.62	2655.74	-9.07	44.53	101.51	45.44	9.48	1.39
2753.00	2.86	349.71	2749.65	-4.90	44.56	96.28	44.83	5.32	1.27
2849.00	3.25	351.82	2845.51	0.15	43.74	89.80	43.74	0.26	0.42
2944.00	3.08	355.16	2940.36	5.36	43.14	82.92	43.47	-4.95	0.26
3039.00	2.20	346.81	3035.26	9.68	42.51	77.18	43.60	-9.28	1.01
3134.00	0.88	326.33	3130.23	12.06	41.69	73.87	43.40	-11.67	1.48
3230.00	0.79	292.76	3226.22	12.93	40.67	72.37	42.68	-12.54	0.51
3325.00	0.75	354.63	3321.21	13.80	40.01	70.97	42.32	-13.42	0.83
3420.00	0.75	8.43	3416.20	15.04	40.04	69.42	42.77	-14.66	0.19
3515.00	1.01	15.29	3511.19	16.46	40.36	67.81	43.58	-16.08	0.29
3611.00	0.97	10.10	3607.18	18.07	40.72	66.07	44.55	-17.69	0.10
3705.00	0.44	34.71	3701.17	19.15	41.07	64.99	45.31	-18.77	0.64
3801.00	0.57	101.33	3797.17	19.36	41.74	65.12	46.02	-18.97	0.59
3896.00	0.53	73.21	3892.16	19.40	42.63	65.53	46.83	-18.99	0.28
3991.00	0.44	60.02	3987.16	19.71	43.36	65.56	47.63	-19.30	0.15
4087.00	0.84	14.50	4083.15	20.57	43.86	64.87	48.44	-20.16	0.64
4178.00	1.19	3.51	4174.14	22.16	44.09	63.31	49.34	-21.74	0.44
4272.00	1.41	346.28	4268.12	24.26	43.87	61.06	50.13	-23.84	0.47
4368.00	1.67	337.93	4364.08	26.70	43.06	58.20	50.67	-26.30	0.36
4463.00	2.11	337.67	4459.03	29.60	41.88	54.75	51.29	-29.21	0.46
4558.00	2.59	328.26	4553.95	33.05	40.09	50.50	51.95	-32.67	0.65
4651.00	3.25	352.70	4646.83	37.45	38.65	45.90	53.81	-37.08	1.50
4744.00	3.47	4.74	4739.67	42.87	38.54	41.96	57.65	-42.50	0.79
4837.00	3.34	14.32	4832.51	48.30	39.45	39.24	62.36	-47.92	0.63
4932.00	2.73	11.68	4927.38	53.19	40.59	37.34	66.91	-52.81	0.66

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
4987.00	2.46	8.69	4982.32	55.64	41.03	36.41	69.14	-55.26	0.55
5104.00	2.24	11.77	5099.22	60.36	41.88	34.75	73.47	-59.97	0.22
5195.00	3.30	66.79	5190.13	63.14	44.65	35.27	77.33	-62.72	3.00
5291.00	2.73	92.37	5286.00	64.13	49.47	37.65	81.00	-63.66	1.51
5384.00	3.03	98.26	5378.88	63.69	54.12	40.36	83.58	-63.18	0.45
5479.00	3.25	95.88	5473.74	63.05	59.28	43.23	86.54	-62.49	0.27
5574.00	3.12	92.10	5568.59	62.68	64.54	45.84	89.97	-62.07	0.26
5669.00	2.90	89.99	5663.46	62.59	69.53	48.01	93.55	-61.93	0.26
5764.00	2.95	86.57	5758.34	62.73	74.37	49.85	97.30	-62.03	0.19
5859.00	3.03	81.82	5853.21	63.24	79.30	51.43	101.43	-62.49	0.27
5954.00	3.16	113.55	5948.08	62.55	84.19	53.39	104.88	-61.75	1.79
6050.00	2.95	103.62	6043.94	60.91	89.01	55.62	107.86	-60.07	0.59
6145.00	2.64	97.29	6138.83	60.06	93.56	57.30	111.17	-59.17	0.46
6240.00	2.64	95.97	6233.73	59.55	97.90	58.69	114.59	-58.63	0.06
6335.00	2.64	92.89	6328.63	59.21	102.26	59.93	118.17	-58.25	0.15
6430.00	2.33	90.96	6423.54	59.07	106.38	60.96	121.68	-58.06	0.34
6524.00	2.37	86.48	6517.46	59.16	110.23	61.78	125.10	-58.12	0.20
6620.00	2.64	83.84	6613.37	59.52	114.41	62.52	128.97	-58.44	0.31
6715.00	2.33	84.10	6708.28	59.95	118.51	63.17	132.81	-58.83	0.33
6810.00	3.74	82.52	6803.14	60.55	123.50	63.88	137.55	-59.39	1.49
6905.00	4.26	74.26	6897.91	61.91	129.97	64.53	143.96	-60.68	0.82
7001.00	4.40	74.79	6993.64	63.85	136.95	65.01	151.10	-62.55	0.15
7096.00	3.56	76.81	7088.41	65.47	143.34	65.45	157.59	-64.12	0.90
7190.00	3.16	65.91	7182.24	67.20	148.55	65.66	163.04	-65.80	0.80
7286.00	2.77	60.73	7278.12	69.41	152.99	65.60	168.00	-67.97	0.49
7381.00	2.99	69.95	7373.00	71.38	157.32	65.59	172.76	-69.90	0.54
7476.00	4.26	72.15	7467.80	73.32	163.00	65.78	178.73	-71.78	1.34
7570.00	4.48	78.48	7561.53	75.12	169.92	66.15	185.79	-73.51	0.56
7666.00	4.04	71.45	7657.27	76.94	176.80	66.48	192.82	-75.27	0.71
7760.00	4.40	78.92	7751.01	78.69	183.48	66.79	199.64	-76.96	0.70
7855.00	4.75	82.00	7845.71	79.94	190.95	67.28	207.01	-78.13	0.45
7951.00	4.53	82.87	7941.40	80.96	198.65	67.83	214.52	-79.09	0.24
8045.00	5.89	85.69	8035.01	81.78	207.14	68.46	222.71	-79.83	1.47
8140.00	6.86	81.12	8129.42	83.03	217.61	69.12	232.91	-80.97	1.15
8236.00	5.85	80.59	8224.83	84.71	228.10	69.63	243.32	-82.56	1.05
8330.00	5.01	74.52	8318.40	86.59	236.78	69.91	252.12	-84.35	1.08
8425.00	4.48	78.39	8413.08	88.44	244.42	70.11	259.93	-86.14	0.65

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8521.00	6.37	81.47	8508.64	89.99	253.36	70.45	268.86	-87.60	1.99
8615.00	6.37	78.57	8602.06	91.80	263.62	70.80	279.15	-89.31	0.34
8710.00	5.76	78.39	8696.53	93.80	273.46	71.07	289.10	-91.22	0.64
8805.00	4.92	79.97	8791.12	95.47	282.14	71.31	297.86	-92.81	0.90
8898.00	4.18	82.00	8883.83	96.63	289.42	71.54	305.13	-93.90	0.81
8993.00	5.58	85.07	8978.48	97.51	297.46	71.85	313.03	-94.71	1.50
9088.00	5.71	84.19	9073.02	98.39	306.76	72.22	322.15	-95.49	0.16
9183.00	4.35	93.95	9167.65	98.62	315.06	72.62	330.13	-95.65	1.69
9278.00	3.78	92.28	9262.41	98.25	321.78	73.02	336.44	-95.21	0.61
9373.00	4.44	78.48	9357.17	98.86	328.51	73.25	343.06	-95.76	1.25
9468.00	5.10	79.01	9451.84	100.40	336.26	73.38	350.93	-97.22	0.70
9563.00	4.84	77.60	9546.48	102.06	344.32	73.49	359.13	-98.81	0.30
9658.00	4.70	78.66	9641.15	103.69	352.05	73.59	367.00	-100.36	0.17
9753.00	4.70	84.28	9735.83	104.84	359.74	73.75	374.70	-101.45	0.48
9848.00	4.62	88.24	9830.52	105.35	367.43	74.00	382.24	-101.88	0.35
9942.00	4.40	89.03	9924.23	105.52	374.82	74.28	389.39	-101.99	0.24
10037.00	3.78	82.87	10018.99	105.97	381.57	74.48	396.02	-102.37	0.80
10132.00	3.96	97.46	10113.77	105.94	387.93	74.73	402.14	-102.28	1.05
10227.00	2.20	108.54	10208.63	104.93	392.92	75.05	406.69	-101.22	1.95
10322.00	1.76	55.98	10303.58	105.17	395.85	75.12	409.59	-101.43	1.89
10418.00	1.93	49.12	10399.53	107.05	398.30	74.96	412.43	-103.29	0.29
10513.00	2.20	73.82	10494.47	108.60	401.26	74.86	415.70	-104.82	0.97
10607.00	1.71	53.26	10588.42	109.95	404.12	74.78	418.81	-106.13	0.90
10703.00	0.31	280.80	10684.41	110.85	405.01	74.69	419.91	-107.03	2.01
10798.00	0.66	137.54	10779.41	110.50	405.13	74.74	419.92	-106.67	0.98
10893.00	1.63	90.17	10874.39	110.09	406.85	74.86	421.48	-106.25	1.35
10986.00	2.02	83.31	10967.34	110.28	409.80	74.94	424.38	-106.41	0.48
11081.00	2.81	64.86	11062.26	111.46	413.57	74.92	428.32	-107.56	1.16
11176.00	4.40	50.53	11157.07	114.77	418.49	74.66	433.94	-110.82	1.91
11271.00	3.74	52.90	11251.83	118.95	423.77	74.32	440.15	-114.95	0.72
11366.00	3.25	70.83	11346.65	121.71	428.79	74.15	445.73	-117.66	1.25
11461.00	1.89	93.77	11441.56	122.49	432.90	74.20	449.89	-118.40	1.77
11556.00	2.73	87.62	11536.48	122.48	436.72	74.33	453.57	-118.36	0.92
11634.00	2.55	95.53	11614.40	122.39	440.30	74.47	457.00	-118.23	0.52
11723.00	2.64	97.02	11703.31	121.95	444.31	74.65	460.74	-117.75	0.13
11786.00	2.73	99.66	11766.24	121.52	447.23	74.80	463.44	-117.30	0.24
11881.00	10.90	168.22	11860.58	112.32	451.30	76.02	465.07	-108.06	10.76

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
11976.00	21.85	174.02	11951.59	85.86	454.99	79.31	463.02	-81.57	11.64
12071.00	31.08	177.80	12036.55	43.68	457.78	84.55	459.86	-39.37	9.87
12166.00	37.89	181.22	12114.82	-10.05	458.10	91.26	458.21	14.37	7.45
12261.00	45.45	187.20	12185.76	-72.92	453.23	99.14	459.05	77.19	8.98
12355.00	50.51	191.24	12248.67	-141.78	441.95	107.79	464.14	145.94	6.26
12450.00	60.26	193.79	12302.58	-217.99	424.93	117.16	477.58	221.98	10.50
12545.00	68.53	194.76	12343.60	-300.93	403.80	126.70	503.60	304.72	8.75
12641.00	83.52	193.79	12366.72	-390.96	380.92	135.75	545.85	394.53	15.65
12734.00	86.51	194.67	12374.80	-480.76	358.15	143.32	599.50	484.11	3.35
12829.00	87.38	194.41	12379.86	-572.58	334.33	149.72	663.04	575.71	0.96
12925.00	86.90	194.14	12384.65	-665.50	310.69	154.97	734.45	668.40	0.57
13020.00	92.70	193.97	12384.98	-757.62	287.63	159.21	810.38	760.29	6.11
13115.00	90.77	190.72	12382.11	-850.36	267.33	162.55	891.39	852.84	3.98
13209.00	89.41	186.94	12381.96	-943.23	252.90	164.99	976.55	945.57	4.27
13303.00	91.52	183.77	12381.20	-1036.80	244.13	166.75	1065.15	1039.05	4.05
13397.00	91.16	179.73	12379.00	-1130.71	241.26	167.96	1156.16	1132.93	4.31
13493.00	89.10	178.41	12378.78	-1226.69	242.82	168.80	1250.49	1228.92	2.55
13586.00	90.95	177.36	12378.74	-1319.62	246.25	169.43	1342.40	1321.88	2.29
13681.00	92.53	177.36	12375.85	-1414.47	250.63	169.95	1436.51	1416.77	1.66
13776.00	92.66	177.01	12371.55	-1509.26	255.29	170.40	1530.70	1511.60	0.39
13871.00	92.48	176.57	12367.29	-1604.02	260.60	170.77	1625.05	1606.40	0.50
13964.00	92.92	177.01	12362.91	-1696.77	265.81	171.10	1717.46	1699.20	0.67
14059.00	93.54	176.65	12357.56	-1791.47	271.05	171.40	1811.86	1793.94	0.75
14154.00	92.53	177.09	12352.53	-1886.19	276.23	171.67	1906.31	1888.71	1.16
14249.00	90.68	177.09	12349.87	-1981.03	281.05	171.93	2000.87	1983.59	1.95
14344.00	89.71	176.57	12349.54	-2075.88	286.30	172.15	2095.53	2078.49	1.16
14440.00	86.77	176.83	12352.49	-2171.67	291.83	172.35	2191.19	2174.32	3.07
14535.00	86.29	177.01	12358.24	-2266.36	296.92	172.54	2285.72	2269.05	0.54
14629.00	88.70	178.76	12362.35	-2360.19	300.39	172.75	2379.23	2362.92	3.17
14724.00	90.33	180.26	12363.16	-2455.18	301.20	173.01	2473.58	2457.91	2.33
14820.00	87.78	179.11	12364.74	-2551.15	301.73	173.25	2568.94	2553.88	2.91
14913.00	88.18	180.08	12368.02	-2644.09	302.38	173.48	2661.33	2646.83	1.13
15008.00	89.58	179.82	12369.87	-2739.07	302.47	173.70	2755.72	2741.80	1.50
15103.00	88.75	179.38	12371.26	-2834.06	303.13	173.89	2850.22	2836.79	0.99
15198.00	90.51	180.08	12371.87	-2929.05	303.58	174.08	2944.74	2931.78	1.99
15290.00	89.67	179.38	12371.73	-3021.05	304.01	174.25	3036.31	3023.78	1.19
15383.00	92.57	182.54	12369.91	-3114.00	302.45	174.45	3128.65	3116.71	4.61

DigiDrill DataLogger

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
15479.00	88.35	179.91	12369.14	-3209.94	300.40	174.65	3223.97	3212.63	5.18
15572.00	88.09	179.55	12372.03	-3302.90	300.84	174.80	3316.57	3305.58	0.48
15666.00	90.42	178.94	12373.25	-3396.87	302.08	174.92	3410.28	3399.57	2.56
15761.00	92.40	181.40	12370.91	-3491.83	301.80	175.06	3504.85	3494.52	3.32
15857.00	90.33	179.99	12368.62	-3587.79	300.63	175.21	3600.36	3590.46	2.61
15952.00	89.93	176.48	12368.41	-3682.73	303.56	175.29	3695.22	3685.43	3.72
16046.00	89.41	174.81	12368.95	-3776.45	310.70	175.30	3789.21	3779.21	1.86
16141.00	90.86	178.32	12368.73	-3871.26	316.39	175.33	3884.17	3874.07	4.00
16236.00	90.07	178.85	12367.96	-3966.23	318.73	175.41	3979.02	3969.06	1.00
16331.00	88.66	175.42	12369.01	-4061.09	323.48	175.45	4073.95	4063.96	3.90
16426.00	90.73	178.41	12369.51	-4155.93	328.59	175.48	4168.90	4158.85	3.83
16454.00	89.71	177.53	12369.41	-4183.92	329.58	175.50	4196.88	4186.84	4.81
16550.00	89.27	177.01	12370.26	-4279.80	334.16	175.54	4292.83	4282.76	0.71
16645.00	91.91	182.01	12369.28	-4374.76	334.97	175.62	4387.56	4377.72	5.95
16740.00	91.34	181.66	12366.59	-4469.67	331.93	175.75	4481.98	4472.60	0.70
16836.00	88.31	179.29	12366.88	-4565.65	331.13	175.85	4577.64	4568.56	4.01
16930.00	90.15	179.82	12368.15	-4659.63	331.86	175.93	4671.43	4662.55	2.04
17025.00	92.00	180.52	12366.36	-4754.61	331.58	176.01	4766.16	4757.52	2.08
17120.00	91.16	180.26	12363.74	-4849.57	330.94	176.10	4860.85	4852.47	0.93
17214.00	91.30	179.38	12361.73	-4943.55	331.23	176.17	4954.63	4946.45	0.95
17309.00	93.41	181.22	12357.82	-5038.46	330.73	176.24	5049.30	5041.35	2.95
17404.00	92.92	180.26	12352.58	-5133.30	329.51	176.33	5143.87	5136.18	1.13
17498.00	92.04	179.64	12348.51	-5227.21	329.59	176.39	5237.59	5230.09	1.14
17593.00	91.96	179.99	12345.19	-5322.15	329.90	176.45	5332.37	5325.03	0.38
17688.00	91.56	178.68	12342.28	-5417.10	331.00	176.50	5427.20	5419.98	1.44
17782.00	93.71	179.82	12337.95	-5510.99	332.23	176.55	5520.99	5513.87	2.59
17877.00	90.90	180.78	12334.13	-5605.90	331.73	176.61	5615.70	5608.77	3.13
17971.00	90.20	179.99	12333.23	-5699.89	331.10	176.68	5709.50	5702.76	1.12
18065.00	88.57	179.64	12334.24	-5793.88	331.40	176.73	5803.35	5796.75	1.77
18160.00	86.90	179.55	12338.00	-5888.80	332.08	176.77	5898.16	5891.67	1.76
18254.00	92.18	183.16	12338.75	-5982.72	329.85	176.84	5991.81	5985.56	6.80
18349.00	91.96	183.86	12335.32	-6077.48	324.04	176.95	6086.11	6080.26	0.77
18444.00	88.40	181.75	12335.02	-6172.35	319.39	177.04	6180.60	6175.08	4.36
18538.00	91.65	185.71	12334.98	-6266.12	313.28	177.14	6273.94	6268.79	5.45
18633.00	88.18	181.75	12335.12	-6360.88	307.10	177.24	6368.29	6363.49	5.54
18728.00	86.95	181.40	12339.16	-6455.76	304.49	177.30	6462.93	6458.34	1.35
18822.00	87.91	181.31	12343.37	-6549.64	302.27	177.36	6556.61	6552.19	1.03

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
18916.00	90.02	181.22	12345.07	-6643.59	300.20	177.41	6650.37	6646.13	2.25
19012.00	90.86	179.73	12344.33	-6739.58	299.40	177.46	6746.23	6742.10	1.78
19106.00	90.81	179.55	12342.96	-6833.57	299.99	177.49	6840.15	6836.09	0.20
19202.00	90.99	179.20	12341.45	-6929.55	301.04	177.51	6936.09	6932.08	0.41
19296.00	89.32	179.64	12341.20	-7023.54	301.99	177.54	7030.03	7026.08	1.84
19392.00	88.79	179.38	12342.78	-7119.53	302.81	177.56	7125.96	7122.06	0.61
19487.00	89.54	178.85	12344.17	-7214.50	304.28	177.58	7220.92	7217.05	0.97
19582.00	95.12	179.91	12340.31	-7309.38	305.31	177.61	7315.75	7311.93	5.98
19671.00	92.70	178.59	12334.24	-7398.16	306.47	177.63	7404.50	7400.72	3.10
19771.00	92.88	178.68	12329.37	-7498.01	308.85	177.64	7504.37	7500.59	0.20
19867.00	92.04	178.32	12325.25	-7593.89	311.36	177.65	7600.27	7596.49	0.95
19963.00	89.05	177.01	12324.34	-7689.79	315.27	177.65	7696.25	7692.42	3.40
20058.00	90.59	178.50	12324.52	-7784.71	318.93	177.65	7791.24	7787.37	2.26
20153.00	90.46	178.68	12323.65	-7879.67	321.27	177.67	7886.22	7882.35	0.23
20248.00	90.02	178.85	12323.25	-7974.65	323.31	177.68	7981.20	7977.34	0.50
20342.00	90.02	178.85	12323.22	-8068.63	325.35	177.69	8075.19	8071.34	0.10

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
20420.00	90.02	178.85	12232.30	-8146.60	326.80	177.69	8075.19	8071.34	0.10

Well Name: MULVA FED COM	Well Location: T24S / R35E / SEC 27 / SESW / 32.1818186 / -103.3573105	County or Parish/State: LEA / NM
Well Number: 217H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138890, NMNM138895	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547788	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: 02/15/2021	Time Sundry Submitted: 12:05
Date Operation Actually Began: 01/19/2021	

Actual Procedure: Spud Well at 12:30 on 10/10/2020. 11/14/2020: TD Reached at 20420 ft MD,12323 ft TVD. Plug Back Measured depth at 20335 ft MD, 12323 ft TVD. Rig Release on 11/17/2020 at 6:00. 1/19/2021: Pressure test casing to 5100 psi for 30 minutes, good test. 1/20/2021 to 2/4/2021: Perforate from 12560 ft to 20263 ft, 2 and 1 SPF, .46 inch holes with 923 total shots. 38 stage frac with 19,449,318 lbs of 100 mesh sand. 2/9/2021 to 2/10/2021: Drill out plugs 2/11/2021: Ready to produce Formation Tops (Measured Depth): Formation MD (feet) Rustler 518 Top of Salt 1,112 Base of Salt 4,823 Deleware 5,059 Lamar 5,104 Bell 5,135 Ramsey 5,184 Cherry 6,093 Brushy 7,741 Bone Spring 9,012 Upper Avalon 9,050 Middle Avalon 9,276 Lower Avalon 9,833 1st Bone Spring Sand 10,236 2nd Bone Spring Sand 10,788 3rd Bone Spring Sand 11,883 Bone Spring W 12,191 Wolf Camp A X 12,270 Wolf Camp A Y 12319 Wolfcamp A Lower 12434 Request for OCD extension of time to file BLM approved Form 3160-4.

Well Name: MULVA FED COM	Well Location: T24S / R35E / SEC 27 / SESW / 32.1818186 / -103.3573105	County or Parish/State: LEA / NM
Well Number: 217H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138890, NMNM138895	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547788	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: RAMSEY	Signed on: FEB 15, 2021 12:05 PM
Name: TAP ROCK OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 602 PARK POINT DRIVE SUITE 200	
City: GOLDEN	State: CO
Phone: (720) 460-3316	
Email address: NOT ENTERED	

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: 02/23/2021
Signature: Jonathon Shepard	

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 19345

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	372043	19345	C-104C
523 Park Point Drive			

OCD Reviewer	Condition
plmartinez	None