

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

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46672	² Pool Code 98098	³ Pool Name WC-025 G-09 S243532M; WOLFBONE
⁴ Property Code 326772	⁵ Property Name GIPPLE FED COM	⁶ Well Number 218H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3284'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	24-S	35-E	-	175'	SOUTH	670'	EAST	LEA

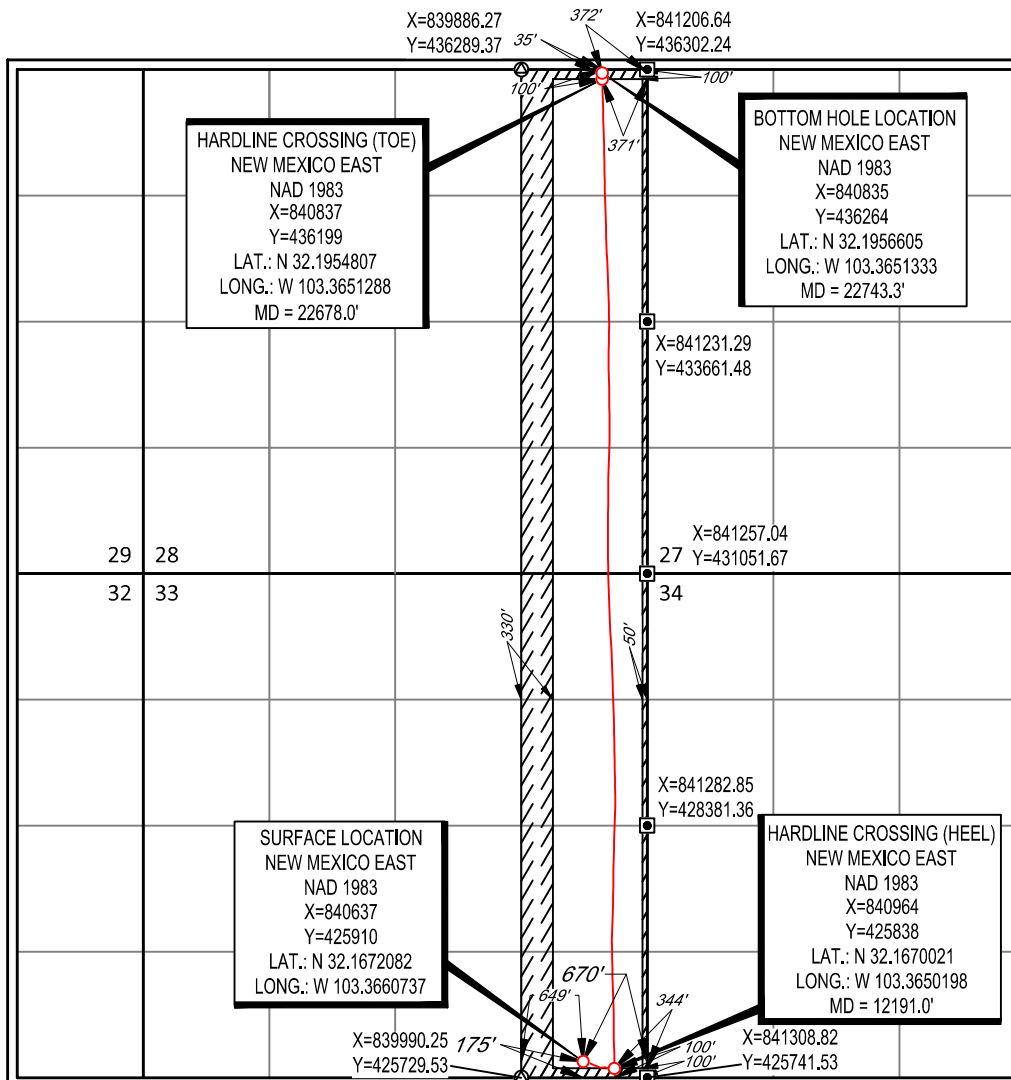
¹¹Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	24-S	35-E	-	35'	NORTH	372'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

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.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bill Ramsey

6/1/2020

Signature

Date

Bill Ramsey

Printed Name

bramsey@taprk.com

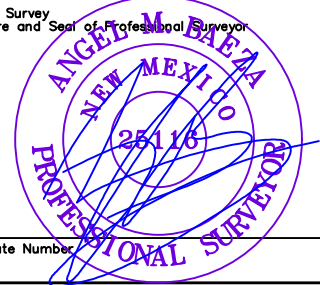
E-mail Address

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

12/05/2018

Date of Survey
Signature and Seal of Professional Surveyor

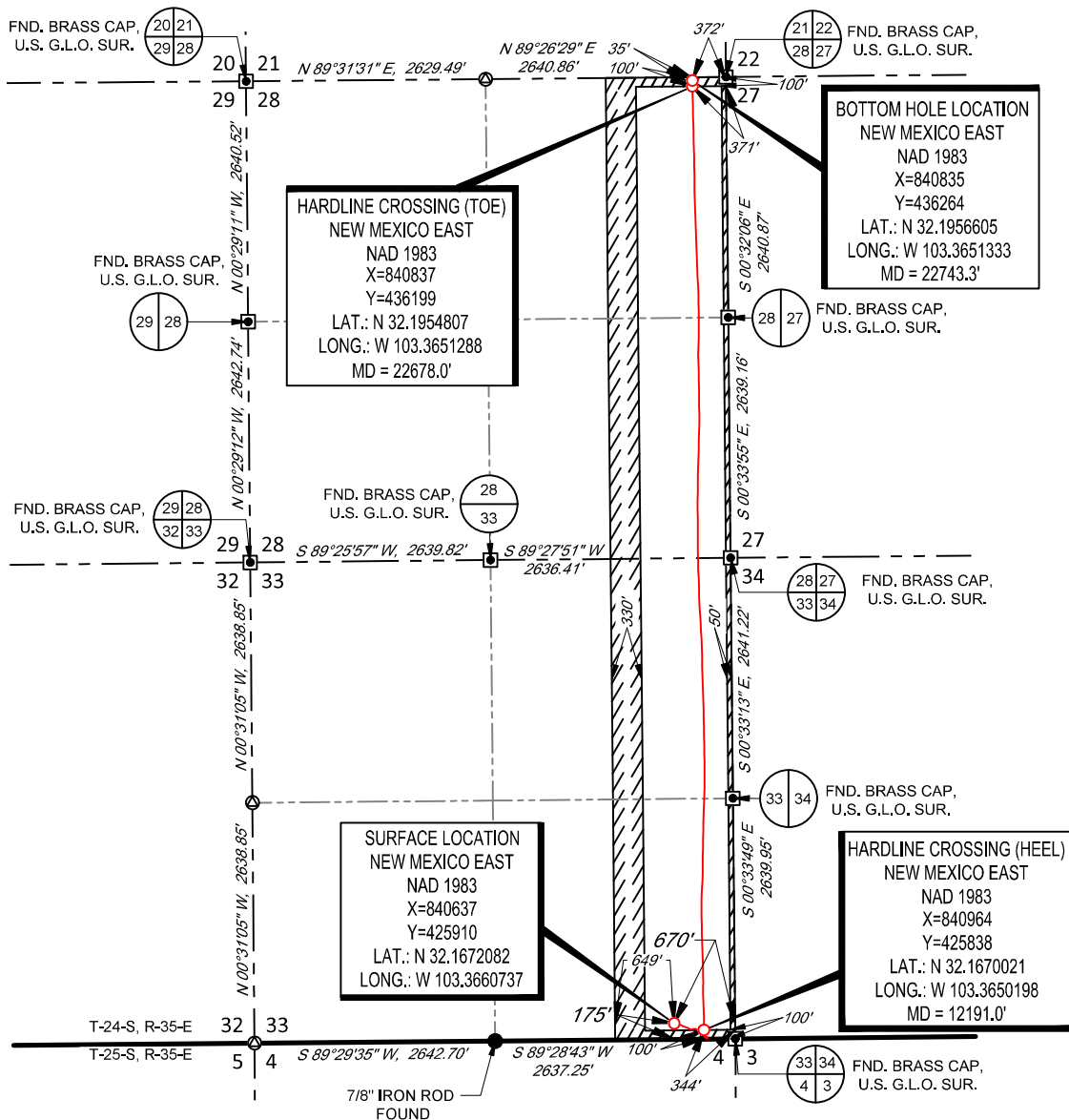


Certificate Number

SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 33, TOWNSHIP 24-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: GIPPLE FED COM #218H

SECTION 33 TWP 24-S RGE 35-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3284'

DESCRIPTION 175' FSL & 670' FEL



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

**TAP
ROCK**

GIPPLE FED COM 218H
PRE-COMPLETION

DATE: 05/27/2020

FILE: C_GIPPLE_FED_COM_218H

DRAWN BY: MML

SHEET: 1 OF 1

REVISION:

INT	DATE

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.



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Gipple) Sec-33_T-24-S_R-35-E
Gipple Fed Com #218H
API# 30-025-46672
OWB**

Design: AWB

Standard Survey Report

28 April, 2020





Operator: Tap Rock Resources, LLC.
Well Name: Gipple Fed Com #218H
County: Lea
State: New Mexico
Rig Name: H&P 376
API: 30-025-46672

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: 176' MD – 22,673' MD
Projection to Bit: 22,745' MD
Dates Performed: 02/14/2020 – 4/27/2020
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



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	(Gipple) Sec-33_T-24-S_R-35-E		
Site Position:		Northing:	425,961.00 usft
From:	Map	Easting:	840,662.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 2.448 N
		Longitude:	103° 21' 57.572 W
		Grid Convergence:	0.52 °

Well	Gipple Fed Com #218H		
Well Position	+N/-S	0.0 usft	Northing: 425,910.00 usft
	+E/-W	0.0 usft	Easting: 840,637.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 10' 1.945 N
		Longitude:	103° 21' 57.868 W
		Ground Level:	3,283.0 usft

Wellbore	OWB		
-----------------	-----	--	--

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	02/14/20	6.56	60.01	47,652.87146465

Design	AWB		
---------------	-----	--	--

Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.45

Survey Program	Date	04/28/20
From (usft)	To (usft)	Survey (Wellbore)
176.0	22,745.0	Intrepid MWD (OWB)
Tool Name	Description	
MWD	OWSG MWD - Standard	

Survey	Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	176.0	0.21	211.20	176.0	-0.3	-0.2	-0.3	0.12	0.12	0.00
	237.0	0.73	186.43	237.0	-0.8	-0.3	-0.8	0.90	0.85	-40.61
	325.0	1.06	140.39	325.0	-1.9	0.2	-1.9	0.87	0.38	-52.32
	418.0	1.10	156.47	418.0	-3.4	1.1	-3.4	0.33	0.04	17.29
	470.0	1.03	139.51	470.0	-4.2	1.6	-4.3	0.62	-0.13	-32.60
Rustler Anhydrite										
	512.0	1.05	125.24	512.0	-4.7	2.2	-4.8	0.62	0.04	-34.00
	605.0	1.38	139.66	604.9	-6.1	3.6	-6.1	0.48	0.35	15.51
	697.0	1.10	136.19	696.9	-7.6	4.9	-7.6	0.31	-0.30	-3.77
	790.0	1.06	160.75	789.9	-9.0	5.8	-9.1	0.50	-0.04	26.41

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
882.0	0.29	198.28	881.9	-10.1	6.0	-10.1	0.92	-0.84	40.79
895.1	0.33	167.40	895.0	-10.1	6.0	-10.2	1.29	0.30	-235.51
Top Salt									
929.0	0.66	131.75	928.9	-10.3	6.2	-10.4	1.29	0.98	-105.21
1,064.0	1.04	68.57	1,063.9	-10.4	7.9	-10.5	0.70	0.28	-46.80
1,158.0	0.87	56.67	1,157.9	-9.7	9.3	-9.8	0.28	-0.18	-12.66
1,253.0	0.95	81.51	1,252.9	-9.2	10.7	-9.3	0.42	0.08	26.15
1,347.0	1.19	58.46	1,346.8	-8.6	12.3	-8.7	0.52	0.26	-24.52
1,442.0	0.58	352.54	1,441.8	-7.6	13.1	-7.7	1.15	-0.64	-69.39
1,537.0	0.84	350.99	1,536.8	-6.4	12.9	-6.5	0.27	0.27	-1.63
1,632.0	1.17	25.86	1,631.8	-4.9	13.2	-5.0	0.72	0.35	36.71
1,726.0	0.36	187.74	1,725.8	-4.3	13.6	-4.4	1.61	-0.86	172.21
1,821.0	0.54	234.48	1,820.8	-4.8	13.2	-5.0	0.41	0.19	49.20
1,916.0	0.30	170.46	1,915.8	-5.3	12.8	-5.5	0.52	-0.25	-67.39
2,010.0	0.61	150.61	2,009.8	-6.0	13.1	-6.2	0.37	0.33	-21.12
2,105.0	0.60	144.89	2,104.8	-6.9	13.7	-7.0	0.06	-0.01	-6.02
2,199.0	0.59	67.16	2,198.8	-7.1	14.4	-7.2	0.79	-0.01	-82.69
2,294.0	0.69	48.13	2,293.8	-6.5	15.3	-6.7	0.25	0.11	-20.03
2,389.0	0.98	49.62	2,388.8	-5.6	16.3	-5.8	0.31	0.31	1.57
2,484.0	0.95	67.10	2,483.8	-4.8	17.7	-4.9	0.31	-0.03	18.40
2,579.0	1.92	79.29	2,578.7	-4.2	20.0	-4.4	1.06	1.02	12.83
2,673.0	4.10	97.65	2,672.6	-4.3	24.8	-4.6	2.51	2.32	19.53
2,769.0	4.84	101.95	2,768.3	-5.6	32.2	-5.9	0.85	0.77	4.48
2,863.0	4.49	92.21	2,862.0	-6.6	39.7	-7.0	0.92	-0.37	-10.36
2,958.0	4.76	109.25	2,956.7	-8.0	47.2	-8.5	1.47	0.28	17.94
3,053.0	4.88	107.07	3,051.3	-10.5	54.8	-11.0	0.23	0.13	-2.29
3,148.0	4.40	102.84	3,146.0	-12.5	62.2	-13.1	0.62	-0.51	-4.45
3,242.0	4.49	110.77	3,239.8	-14.6	69.1	-15.3	0.66	0.10	8.44
3,337.0	4.70	118.05	3,334.4	-17.8	76.1	-18.5	0.65	0.22	7.66
3,432.0	4.29	122.11	3,429.2	-21.5	82.5	-22.3	0.55	-0.43	4.27
3,526.0	4.23	122.71	3,522.9	-25.2	88.4	-26.1	0.08	-0.06	0.64
3,621.0	3.21	123.45	3,617.7	-28.6	93.6	-29.5	1.07	-1.07	0.78
3,716.0	3.37	107.91	3,712.5	-30.9	98.4	-31.9	0.95	0.17	-16.36
3,811.0	5.54	112.23	3,807.2	-33.5	105.3	-34.5	2.31	2.28	4.55
3,905.0	7.94	111.06	3,900.6	-37.6	115.6	-38.7	2.56	2.55	-1.24
4,000.0	8.79	110.28	3,994.6	-42.4	128.5	-43.7	0.90	0.89	-0.82
4,094.0	7.66	108.56	4,087.6	-46.9	141.2	-48.3	1.23	-1.20	-1.83
4,189.0	5.95	112.69	4,181.9	-50.8	151.8	-52.3	1.87	-1.80	4.35
4,284.0	6.04	122.22	4,276.4	-55.4	160.5	-56.9	1.05	0.09	10.03
4,379.0	4.85	121.05	4,371.0	-60.1	168.2	-61.7	1.26	-1.25	-1.23
4,473.0	4.39	107.53	4,464.7	-63.3	175.0	-64.9	1.25	-0.49	-14.38
4,568.0	4.67	99.43	4,559.4	-65.0	182.3	-66.7	0.73	0.29	-8.53
4,663.0	4.99	82.32	4,654.1	-65.1	190.2	-66.9	1.55	0.34	-18.01

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,757.0	6.03	80.48	4,747.6	-63.7	199.1	-65.6	1.12	1.11	-1.96
4,819.7	6.37	78.45	4,810.0	-62.5	205.8	-64.4	0.65	0.54	-3.23
Base Salt									
4,852.0	6.55	77.49	4,842.1	-61.7	209.4	-63.7	0.65	0.55	-2.98
4,947.0	4.52	88.30	4,936.6	-60.4	218.4	-62.5	2.39	-2.14	11.38
5,065.0	3.95	92.66	5,054.3	-60.5	227.1	-62.7	0.55	-0.48	3.69
5,128.0	3.68	92.77	5,117.1	-60.7	231.3	-62.9	0.43	-0.43	0.17
5,223.0	4.29	107.53	5,211.9	-61.9	237.7	-64.2	1.25	0.64	15.54
5,281.2	4.26	108.54	5,270.0	-63.2	241.8	-65.6	0.14	-0.05	1.74
Delaware Mountain Gp									
5,286.3	4.26	108.63	5,275.0	-63.4	242.2	-65.7	0.14	-0.05	1.75
Lamar									
5,311.3	4.24	109.07	5,300.0	-64.0	244.0	-66.3	0.14	-0.05	1.76
Bell Canyon									
5,318.0	4.24	109.19	5,306.7	-64.1	244.4	-66.5	0.14	-0.05	1.77
5,336.4	4.28	108.98	5,325.0	-64.6	245.7	-66.9	0.26	0.24	-1.14
Ramsey Sand									
5,412.0	4.47	108.16	5,400.4	-66.4	251.2	-68.8	0.26	0.24	-1.08
5,507.0	4.58	109.31	5,495.1	-68.8	258.3	-71.3	0.15	0.12	1.21
5,602.0	4.44	106.79	5,589.8	-71.1	265.4	-73.7	0.26	-0.15	-2.65
5,697.0	4.30	106.07	5,684.5	-73.2	272.3	-75.8	0.16	-0.15	-0.76
5,791.0	4.23	106.53	5,778.3	-75.1	279.0	-77.8	0.08	-0.07	0.49
5,886.0	4.10	104.35	5,873.0	-77.0	285.7	-79.7	0.22	-0.14	-2.29
5,980.0	3.78	102.27	5,966.8	-78.5	292.0	-81.3	0.37	-0.34	-2.21
6,075.0	3.54	118.97	6,061.6	-80.6	297.6	-83.4	1.15	-0.25	17.58
6,170.0	3.06	119.79	6,156.4	-83.2	302.4	-86.1	0.51	-0.51	0.86
6,264.0	2.97	120.09	6,250.3	-85.7	306.6	-88.6	0.10	-0.10	0.32
6,278.7	2.92	120.75	6,265.0	-86.1	307.3	-89.0	0.39	-0.31	4.46
Cherry Canyon									
6,359.0	2.68	124.72	6,345.2	-88.2	310.6	-91.2	0.39	-0.30	4.95
6,453.0	2.56	118.99	6,439.1	-90.5	314.2	-93.5	0.31	-0.13	-6.10
6,548.0	2.69	122.45	6,534.0	-92.7	318.0	-95.7	0.22	0.14	3.64
6,643.0	2.56	125.27	6,628.9	-95.1	321.6	-98.2	0.19	-0.14	2.97
6,738.0	1.37	124.04	6,723.8	-97.0	324.3	-100.1	1.25	-1.25	-1.29
6,832.0	1.02	124.68	6,817.8	-98.1	325.9	-101.2	0.37	-0.37	0.68
6,927.0	1.21	128.58	6,912.8	-99.2	327.4	-102.3	0.22	0.20	4.11
7,021.0	1.14	133.86	7,006.8	-100.5	328.8	-103.6	0.14	-0.07	5.62
7,116.0	1.23	130.72	7,101.8	-101.8	330.3	-104.9	0.12	0.09	-3.31
7,211.0	1.35	153.31	7,196.7	-103.4	331.5	-106.6	0.55	0.13	23.78
7,305.0	1.40	154.69	7,290.7	-105.5	332.5	-108.7	0.06	0.05	1.47
7,400.0	1.31	159.95	7,385.7	-107.5	333.4	-110.7	0.16	-0.09	5.54
7,495.0	1.47	155.88	7,480.7	-109.7	334.3	-112.9	0.20	0.17	-4.28
7,590.0	1.73	161.91	7,575.6	-112.1	335.2	-115.4	0.33	0.27	6.35
7,684.0	1.99	169.53	7,669.6	-115.1	335.9	-118.3	0.38	0.28	8.11

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,759.5	2.31	172.32	7,745.0	-117.9	336.4	-121.1	0.44	0.42	3.70
Brushy Canyon									
7,779.0	2.39	172.92	7,764.5	-118.7	336.5	-121.9	0.44	0.42	3.08
7,874.0	2.56	172.41	7,859.4	-122.8	337.0	-126.0	0.18	0.18	-0.54
7,968.0	1.23	189.86	7,953.4	-125.8	337.1	-129.1	1.53	-1.41	18.56
8,063.0	1.14	162.38	8,048.3	-127.7	337.2	-131.0	0.60	-0.09	-28.93
8,158.0	1.74	154.05	8,143.3	-129.9	338.2	-133.2	0.67	0.63	-8.77
8,253.0	1.83	138.98	8,238.3	-132.4	339.8	-135.6	0.50	0.09	-15.86
8,347.0	2.20	131.11	8,332.2	-134.7	342.1	-138.0	0.49	0.39	-8.37
8,442.0	2.29	129.34	8,427.1	-137.1	345.0	-140.4	0.12	0.09	-1.86
8,537.0	2.47	135.10	8,522.0	-139.7	347.9	-143.1	0.31	0.19	6.06
8,631.0	1.71	107.43	8,616.0	-141.6	350.6	-145.0	1.32	-0.81	-29.44
8,726.0	1.60	94.81	8,710.9	-142.1	353.3	-145.5	0.40	-0.12	-13.28
8,821.0	1.79	123.60	8,805.9	-143.1	355.9	-146.5	0.91	0.20	30.31
8,915.0	1.91	112.41	8,899.9	-144.5	358.5	-147.9	0.40	0.13	-11.90
9,010.0	2.29	123.01	8,994.8	-146.1	361.6	-149.6	0.57	0.40	11.16
9,060.3	2.46	131.73	9,045.0	-147.4	363.2	-150.9	0.79	0.34	17.35
Bone Spring Lime									
9,080.3	2.54	134.85	9,065.0	-148.0	363.9	-151.5	0.79	0.41	15.59
Upper Avalon									
9,105.0	2.65	138.43	9,089.7	-148.8	364.7	-152.3	0.79	0.45	14.47
9,200.0	2.97	154.50	9,184.6	-152.7	367.2	-156.2	0.89	0.34	16.92
9,294.0	0.78	186.57	9,278.5	-155.5	368.1	-159.0	2.50	-2.33	34.12
9,389.0	0.97	209.85	9,373.5	-156.8	367.7	-160.4	0.42	0.20	24.51
9,405.5	1.09	203.57	9,390.0	-157.1	367.5	-160.6	1.02	0.76	-38.12
Middle Avalon									
9,483.0	1.78	187.28	9,467.5	-159.0	367.1	-162.5	1.02	0.88	-21.01
9,578.0	1.10	232.90	9,562.5	-161.0	366.2	-164.5	1.35	-0.72	48.02
9,673.0	1.54	326.76	9,657.5	-160.5	364.7	-164.0	2.05	0.46	98.80
9,767.0	0.84	333.27	9,751.4	-158.8	363.7	-162.3	0.76	-0.74	6.93
9,862.0	0.79	280.44	9,846.4	-158.1	362.8	-161.5	0.76	-0.05	-55.61
9,876.6	0.89	280.74	9,861.0	-158.0	362.6	-161.5	0.65	0.65	2.08
Lower Avalon									
9,957.0	1.41	281.68	9,941.4	-157.7	361.0	-161.2	0.65	0.65	1.17
10,052.0	0.79	277.19	10,036.4	-157.4	359.2	-160.8	0.66	-0.65	-4.73
10,146.0	0.92	285.98	10,130.4	-157.1	357.8	-160.5	0.20	0.14	9.35
10,241.0	0.97	70.47	10,225.4	-156.6	357.9	-160.0	1.89	0.05	152.09
10,335.0	0.75	144.74	10,319.4	-156.8	359.0	-160.3	1.12	-0.23	79.01
10,340.6	0.77	147.19	10,325.0	-156.9	359.0	-160.3	0.64	0.27	43.45
1st Bone Spring Sand									
10,430.0	1.14	173.66	10,414.4	-158.3	359.4	-161.7	0.64	0.42	29.62
10,525.0	1.14	173.66	10,509.3	-160.2	359.6	-163.6	0.00	0.00	0.00
10,580.7	1.11	182.39	10,565.0	-161.3	359.7	-164.7	0.31	-0.06	15.68
2nd Bone Spring Carb									
10,620.0	1.10	188.77	10,604.3	-162.0	359.6	-165.5	0.31	-0.02	16.22

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,714.0	1.01	229.64	10,698.3	-163.4	358.8	-166.9	0.79	-0.10	43.48
10,809.0	1.05	216.90	10,793.3	-164.7	357.7	-168.1	0.24	0.04	-13.41
10,904.0	1.36	308.22	10,888.3	-164.7	356.3	-168.1	1.83	0.33	96.13
10,940.7	1.81	315.98	10,925.0	-164.0	355.5	-167.4	1.34	1.21	21.12
2nd Bone Spring Sand									
10,999.0	2.55	322.54	10,983.2	-162.3	354.1	-165.7	1.34	1.28	11.26
11,093.0	2.51	317.89	11,077.1	-159.1	351.4	-162.5	0.22	-0.04	-4.95
11,188.0	2.86	305.49	11,172.0	-156.2	348.1	-159.5	0.71	0.37	-13.05
11,283.0	3.69	322.81	11,266.9	-152.4	344.3	-155.7	1.35	0.87	18.23
11,366.2	1.96	297.22	11,350.0	-149.6	341.5	-152.9	2.52	-2.07	-30.75
3rd Bone Spring Carb									
11,377.0	1.80	290.64	11,360.8	-149.5	341.1	-152.7	2.52	-1.53	-61.08
11,472.0	2.29	275.52	11,455.7	-148.7	337.8	-152.0	0.76	0.52	-15.92
11,567.0	2.02	282.91	11,550.6	-148.2	334.3	-151.4	0.41	-0.28	7.78
11,661.0	0.70	229.73	11,644.6	-148.2	332.3	-151.4	1.80	-1.40	-56.57
11,756.0	0.70	229.73	11,739.6	-148.9	331.4	-152.1	0.00	0.00	0.00
11,795.0	1.32	186.49	11,778.6	-149.5	331.2	-152.7	2.41	1.59	-110.87
11,878.0	1.02	165.82	11,861.6	-151.2	331.2	-154.4	0.62	-0.36	-24.90
11,950.0	1.72	14.26	11,933.6	-150.8	331.6	-154.0	3.70	0.97	-210.50
12,044.0	15.33	356.41	12,026.3	-136.9	331.2	-140.1	14.58	14.48	-18.99
12,138.0	29.27	354.56	12,113.1	-101.5	328.2	-104.6	14.85	14.83	-1.97
12,146.0	29.96	355.06	12,120.0	-97.6	327.9	-100.7	9.16	8.62	6.24
3rd Bone Spring Sand									
12,195.9	34.30	357.76	12,162.3	-71.1	326.3	-74.2	9.16	8.70	5.41
FTP @ 12195.9'MD, 100'FSL & 344.1'FEL									
12,232.0	37.47	359.36	12,191.5	-49.9	325.7	-53.1	9.16	8.78	4.44
12,294.8	41.36	0.95	12,240.0	-10.1	325.9	-13.2	6.40	6.19	2.54
3rd BS W Sand									
12,327.0	43.36	1.68	12,263.8	11.6	326.4	8.5	6.40	6.22	2.25
12,371.3	47.15	359.82	12,295.0	43.1	326.8	39.9	9.06	8.56	-4.20
Wolfcamp A X Sand									
12,422.0	51.52	357.95	12,328.0	81.5	326.0	78.4	9.06	8.62	-3.68
12,475.7	55.40	357.67	12,360.0	124.6	324.4	121.5	7.24	7.23	-0.51
Wolfcamp A Y Sand									
12,517.0	58.39	357.48	12,382.6	159.2	322.9	156.1	7.24	7.23	-0.47
12,611.0	65.03	357.54	12,427.1	241.8	319.3	238.7	7.06	7.06	0.06
12,667.5	67.15	359.51	12,450.0	293.5	318.0	290.4	4.93	3.75	3.49
Wolfcamp A Lower									
12,706.0	68.61	0.82	12,464.5	329.1	318.1	326.0	4.93	3.79	3.40
12,800.0	77.91	0.65	12,491.5	419.0	319.2	415.9	9.90	9.89	-0.18
12,820.0	81.57	0.30	12,495.1	438.7	319.4	435.6	18.38	18.30	-1.75
12,894.0	88.42	359.12	12,501.5	512.4	319.0	509.3	9.39	9.26	-1.59
12,989.0	88.98	357.93	12,503.7	607.3	316.6	604.3	1.38	0.59	-1.25
13,083.0	87.77	357.62	12,506.4	701.2	312.9	698.2	1.33	-1.29	-0.33
13,178.0	89.45	358.58	12,508.7	796.1	309.8	793.1	2.04	1.77	1.01

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,272.0	87.89	358.34	12,510.8	890.1	307.2	887.1	1.68	-1.66	-0.26
13,367.0	89.09	359.04	12,513.3	985.0	305.1	982.0	1.46	1.26	0.74
13,462.0	90.42	358.70	12,513.8	1,080.0	303.2	1,077.0	1.45	1.40	-0.36
13,556.0	92.70	358.92	12,511.2	1,173.9	301.3	1,171.0	2.44	2.43	0.23
13,651.0	94.72	0.10	12,505.0	1,268.7	300.4	1,265.8	2.46	2.13	1.24
13,745.0	94.07	1.30	12,497.8	1,362.4	301.6	1,359.5	1.45	-0.69	1.28
13,840.0	90.34	2.46	12,494.2	1,457.3	304.7	1,454.3	4.11	-3.93	1.22
13,935.0	92.22	3.43	12,492.1	1,552.1	309.6	1,549.1	2.23	1.98	1.02
14,030.0	89.29	1.17	12,490.8	1,647.0	313.4	1,643.9	3.89	-3.08	-2.38
14,124.0	87.68	359.84	12,493.3	1,741.0	314.2	1,737.9	2.22	-1.71	-1.41
14,218.0	89.52	0.58	12,495.6	1,835.0	314.6	1,831.8	2.11	1.96	0.79
14,312.0	89.65	1.04	12,496.3	1,928.9	315.9	1,925.8	0.51	0.14	0.49
14,406.0	87.72	0.54	12,498.4	2,022.9	317.2	2,019.8	2.12	-2.05	-0.53
14,501.0	92.17	1.95	12,498.5	2,117.9	319.3	2,114.7	4.91	4.68	1.48
14,595.0	91.43	1.38	12,495.6	2,211.8	322.0	2,208.6	0.99	-0.79	-0.61
14,690.0	92.61	1.50	12,492.2	2,306.7	324.4	2,303.5	1.25	1.24	0.13
14,784.0	94.31	2.24	12,486.6	2,400.4	327.4	2,397.2	1.97	1.81	0.79
14,879.0	93.02	2.04	12,480.5	2,495.2	331.0	2,491.9	1.37	-1.36	-0.21
14,973.0	90.83	1.50	12,477.3	2,589.1	333.9	2,585.8	2.40	-2.33	-0.57
15,068.0	86.62	0.13	12,479.4	2,684.0	335.2	2,680.7	4.66	-4.43	-1.44
15,162.0	87.75	359.19	12,484.1	2,777.9	334.7	2,774.6	1.56	1.20	-1.00
15,257.0	90.31	359.09	12,485.7	2,872.9	333.2	2,869.5	2.70	2.69	-0.11
15,351.0	90.83	359.08	12,484.7	2,966.9	331.7	2,963.5	0.55	0.55	-0.01
15,446.0	93.03	359.29	12,481.5	3,061.8	330.4	3,058.5	2.33	2.32	0.22
15,541.0	92.71	358.57	12,476.8	3,156.7	328.6	3,153.4	0.83	-0.34	-0.76
15,635.0	93.98	359.30	12,471.3	3,250.5	326.9	3,247.2	1.56	1.35	0.78
15,731.0	92.74	358.68	12,465.7	3,346.3	325.2	3,343.0	1.44	-1.29	-0.65
15,825.0	92.44	359.20	12,461.4	3,440.2	323.4	3,436.9	0.64	-0.32	0.55
15,920.0	90.01	359.06	12,459.4	3,535.1	322.0	3,531.9	2.56	-2.56	-0.15
16,015.0	87.42	357.33	12,461.5	3,630.1	319.0	3,626.8	3.28	-2.73	-1.82
16,109.0	90.10	358.01	12,463.5	3,723.9	315.2	3,720.8	2.94	2.85	0.72
16,204.0	88.92	357.79	12,464.4	3,818.9	311.7	3,815.7	1.26	-1.24	-0.23
16,299.0	87.32	358.30	12,467.5	3,913.8	308.5	3,910.6	1.77	-1.68	0.54
16,326.0	89.52	359.05	12,468.2	3,940.8	307.8	3,937.6	8.61	8.15	2.78
16,421.0	87.71	358.83	12,470.5	4,035.7	306.1	4,032.6	1.92	-1.91	-0.23
16,516.0	89.19	358.05	12,473.1	4,130.6	303.5	4,127.5	1.76	1.56	-0.82
16,611.0	92.84	357.38	12,471.4	4,225.5	299.7	4,222.5	3.91	3.84	-0.71
16,705.0	93.05	357.06	12,466.6	4,319.3	295.2	4,316.3	0.41	0.22	-0.34
16,800.0	92.86	356.25	12,461.7	4,414.0	289.6	4,411.0	0.87	-0.20	-0.85
16,895.0	93.21	356.40	12,456.6	4,508.7	283.5	4,505.7	0.40	0.37	0.16
16,990.0	89.92	357.15	12,454.0	4,603.5	278.2	4,600.6	3.55	-3.46	0.79
17,084.0	91.93	358.60	12,452.5	4,697.4	274.7	4,694.5	2.64	2.14	1.54
17,178.0	91.99	358.04	12,449.3	4,791.3	272.0	4,788.5	0.60	0.06	-0.60

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,273.0	91.65	357.87	12,446.3	4,886.2	268.6	4,883.4	0.40	-0.36	-0.18
17,367.0	88.89	357.88	12,445.9	4,980.1	265.1	4,977.3	2.94	-2.94	0.01
17,462.0	91.39	358.63	12,445.6	5,075.1	262.2	5,072.3	2.75	2.63	0.79
17,556.0	94.09	359.84	12,441.1	5,168.9	260.9	5,166.2	3.15	2.87	1.29
17,652.0	94.55	359.49	12,433.9	5,264.7	260.4	5,261.9	0.60	0.48	-0.36
17,746.0	91.85	359.24	12,428.7	5,358.5	259.3	5,355.8	2.88	-2.87	-0.27
17,841.0	91.18	0.22	12,426.1	5,453.5	258.9	5,450.7	1.25	-0.71	1.03
17,935.0	90.55	359.36	12,424.7	5,547.4	258.6	5,544.7	1.13	-0.67	-0.91
18,029.0	90.91	359.73	12,423.5	5,641.4	257.8	5,638.7	0.55	0.38	0.39
18,124.0	90.64	1.07	12,422.2	5,736.4	258.5	5,733.7	1.44	-0.28	1.41
18,218.0	90.20	1.39	12,421.6	5,830.4	260.5	5,827.6	0.58	-0.47	0.34
18,313.0	89.05	0.16	12,422.2	5,925.4	261.8	5,922.6	1.77	-1.21	-1.29
18,407.0	87.86	359.71	12,424.7	6,019.3	261.7	6,016.6	1.35	-1.27	-0.48
18,502.0	89.64	2.15	12,426.8	6,114.3	263.2	6,111.5	3.18	1.87	2.57
18,596.0	90.16	1.75	12,426.9	6,208.2	266.4	6,205.4	0.70	0.55	-0.43
18,690.0	90.97	1.32	12,426.0	6,302.2	268.9	6,299.3	0.98	0.86	-0.46
18,785.0	89.15	1.64	12,425.9	6,397.2	271.4	6,394.3	1.95	-1.92	0.34
18,879.0	88.96	1.74	12,427.5	6,491.1	274.2	6,488.2	0.23	-0.20	0.11
18,975.0	87.30	0.10	12,430.6	6,587.0	275.7	6,584.1	2.43	-1.73	-1.71
19,070.0	87.28	359.85	12,435.1	6,681.9	275.7	6,679.0	0.26	-0.02	-0.26
19,164.0	86.70	358.84	12,440.0	6,775.8	274.6	6,772.9	1.24	-0.62	-1.07
19,259.0	88.02	359.32	12,444.4	6,870.7	273.1	6,867.7	1.48	1.39	0.51
19,353.0	89.68	359.60	12,446.3	6,964.7	272.2	6,961.7	1.79	1.77	0.30
19,447.0	88.71	359.23	12,447.6	7,058.6	271.2	7,055.7	1.10	-1.03	-0.39
19,542.0	89.82	358.91	12,448.8	7,153.6	269.7	7,150.7	1.22	1.17	-0.34
19,636.0	89.10	357.15	12,449.7	7,247.6	266.4	7,244.7	2.02	-0.77	-1.87
19,731.0	94.58	1.00	12,446.7	7,342.4	264.9	7,339.6	7.05	5.77	4.05
19,825.0	93.99	1.55	12,439.6	7,436.2	267.0	7,433.2	0.86	-0.63	0.59
19,920.0	90.39	1.07	12,436.0	7,531.0	269.2	7,528.1	3.82	-3.79	-0.51
20,013.0	90.70	0.22	12,435.1	7,624.0	270.2	7,621.1	0.97	0.33	-0.91
20,108.0	89.85	0.46	12,434.7	7,719.0	270.8	7,716.1	0.93	-0.89	0.25
20,202.0	90.55	358.96	12,434.3	7,813.0	270.3	7,810.1	1.76	0.74	-1.60
20,297.0	92.37	358.53	12,431.9	7,908.0	268.2	7,905.0	1.97	1.92	-0.45
20,391.0	91.69	358.52	12,428.6	8,001.9	265.8	7,999.0	0.72	-0.72	-0.01
20,485.0	88.35	357.59	12,428.6	8,095.8	262.6	8,092.9	3.69	-3.55	-0.99
20,579.0	88.00	357.27	12,431.6	8,189.7	258.4	8,186.8	0.50	-0.37	-0.34
20,674.0	89.19	357.72	12,433.9	8,284.5	254.2	8,281.7	1.34	1.25	0.47
20,768.0	93.87	357.64	12,431.4	8,378.4	250.4	8,375.6	4.98	4.98	-0.09
20,862.0	93.55	357.58	12,425.3	8,472.1	246.5	8,469.4	0.35	-0.34	-0.06
20,957.0	94.31	357.40	12,418.8	8,566.8	242.4	8,564.1	0.82	0.80	-0.19
21,051.0	90.12	358.89	12,415.1	8,660.7	239.3	8,658.0	4.73	-4.46	1.59
21,145.0	90.42	358.24	12,414.7	8,754.6	237.0	8,752.0	0.76	0.32	-0.69
21,239.0	90.64	358.81	12,413.8	8,848.6	234.6	8,845.9	0.65	0.23	0.61

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
21,333.0	88.75	357.62	12,414.3	8,942.6	231.6	8,939.9	2.38	-2.01	-1.27
21,427.0	86.79	357.13	12,418.0	9,036.4	227.3	9,033.8	2.15	-2.09	-0.52
21,522.0	90.90	359.61	12,419.9	9,131.3	224.6	9,128.7	5.05	4.33	2.61
21,616.0	90.12	358.89	12,419.1	9,225.3	223.4	9,222.7	1.13	-0.83	-0.77
21,711.0	90.94	359.06	12,418.2	9,320.3	221.7	9,317.7	0.88	0.86	0.18
21,805.0	90.96	358.91	12,416.6	9,414.2	220.0	9,411.7	0.16	0.02	-0.16
21,899.0	92.60	359.82	12,413.7	9,508.2	219.0	9,505.6	2.00	1.74	0.97
21,993.0	89.58	357.93	12,411.9	9,602.1	217.2	9,599.6	3.79	-3.21	-2.01
22,088.0	88.98	358.44	12,413.1	9,697.1	214.1	9,694.6	0.83	-0.63	0.54
22,182.0	92.63	358.41	12,411.8	9,791.0	211.6	9,788.5	3.88	3.88	-0.03
22,276.0	93.37	358.59	12,406.9	9,884.8	209.1	9,882.4	0.81	0.79	0.19
22,371.0	92.21	358.74	12,402.3	9,979.7	206.9	9,977.3	1.23	-1.22	0.16
22,465.0	90.57	358.62	12,400.0	10,073.7	204.7	10,071.2	1.75	-1.74	-0.13
22,559.0	90.92	358.10	12,398.8	10,167.6	202.0	10,165.2	0.67	0.37	-0.55
22,652.0	90.90	358.74	12,397.3	10,260.6	199.5	10,258.2	0.69	-0.02	0.69
22,673.0	90.64	358.25	12,397.0	10,281.5	198.9	10,279.2	2.64	-1.24	-2.33
LAST SVY									
22,680.1	90.64	358.25	12,396.9	10,288.6	198.7	10,286.3	0.00	0.00	0.00
LTP @ 22680.1'MD, 100'FNL & 371.9'FEL									
22,745.0	90.64	358.25	12,396.2	10,353.5	196.7	10,351.1	0.00	0.00	0.00
Projection to TD @ 22745'MD, 35.1'FNL & 373.3'FEL									

Design Targets

Target Name	- hit/miss target	- Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL (Gipple Fed Co	-0.70	359.45	12,382.0	10,384.0	239.0	436,294.00	840,876.00	32° 11' 44.671 N	103° 21' 54.000 W		
- actual wellpath misses target center by 54.0usft at 22745.0usft MD (12396.2 TVD, 10353.5 N, 196.7 E)											
- Rectangle (sides W100.0 H6,381.7 D40.0)											
LTP (Gipple Fed Com	0.00	0.00	12,382.0	10,289.0	240.0	436,199.00	840,877.00	32° 11' 43.731 N	103° 21' 53.999 W		
- actual wellpath misses target center by 43.9usft at 22679.4usft MD (12396.9 TVD, 10287.9 N, 198.7 E)											
- Point											
T1 (Gipple Fed Com #	-0.50	359.45	12,460.0	4,003.1	300.3	429,913.10	840,937.32	32° 10' 41.528 N	103° 21' 53.955 W		
- actual wellpath misses target center by 11.4usft at 16388.3usft MD (12469.4 TVD, 4003.0 N, 306.7 E)											
- Rectangle (sides W100.0 H4,075.0 D30.0)											
FTP (Gipple Fed Com	0.00	0.00	12,491.0	-71.0	340.0	425,839.00	840,977.00	32° 10' 1.212 N	103° 21' 53.920 W		
- actual wellpath misses target center by 223.1usft at 12412.3usft MD (12322.0 TVD, 74.0 N, 326.2 E)											
- Point											

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #218H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.5usft (H&P 376)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.5usft (H&P 376)
Well:	Gipple Fed Com #218H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
470.0	470.0	Rustler Anhydrite				
895.1	895.0	Top Salt				
4,819.7	4,810.0	Base Salt				
5,281.2	5,270.0	Delaware Mountain Gp				
5,286.3	5,275.0	Lamar				
5,311.3	5,300.0	Bell Canyon				
5,336.4	5,325.0	Ramsey Sand				
6,278.7	6,265.0	Cherry Canyon				
7,759.5	7,745.0	Brushy Canyon				
9,060.3	9,045.0	Bone Spring Lime				
9,080.3	9,065.0	Upper Avalon				
9,405.5	9,390.0	Middle Avalon				
9,876.6	9,861.0	Lower Avalon				
10,340.6	10,325.0	1st Bone Spring Sand				
10,580.7	10,565.0	2nd Bone Spring Carb				
10,940.7	10,925.0	2nd Bone Spring Sand				
11,366.2	11,350.0	3rd Bone Spring Carb				
12,146.0	12,120.0	3rd Bone Spring Sand				
12,294.8	12,240.0	3rd BS W Sand				
12,371.3	12,295.0	Wolfcamp A X Sand				
12,475.7	12,360.0	Wolfcamp A Y Sand				
12,667.5	12,450.0	Wolfcamp A Lower				

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
12,195.9	12,162.3	-71.1	326.3	FTP @ 12195.9'MD, 100'FSL & 344.1'FEL	
22,673.0	12,397.0	10,281.5	198.9	LAST SVY	
22,680.1	12,396.9	10,288.6	198.7	LTP @ 22680.1'MD, 100'FNL & 371.9'FEL	
22,745.0	12,396.2	10,353.5	196.7	Projection to TD @ 22745'MD, 35.1'FNL & 373.3'FEL	

Checked By: _____ Approved By: _____ Date: _____