

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	
⁵ Pool Name		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 25-46668	WC-025 G-07 S243517D;MIDDLE BONE SPRING		⁶ Pool Code 98294
⁷ Property Code 326772	⁸ Property Name GIPPLE FED COM		⁹ Well Number 114H

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
P	33	24-S	35-E	-	225'	SOUTH	345'	EAST	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
A	28	24-S	35-E	-	30'	NORTH	659'	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12/9/2020	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 9/14/2020	²² Ready Date 12/7/2020	²³ TD 20725	²⁴ PBTD 20665	²⁵ Perforations 10523' - 20594'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5"		13.375"	1027'		960
12.25"		9.625"	5269'		1603
8.75"		5.5"	20715'		2667

V. Well Test Data

³¹ Date New Oil 12/9/2020	³² Gas Delivery Date 12/9/2020	³³ Test Date 12/21/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1138
³⁷ Choke Size 69/64	³⁸ Oil 1212	³⁹ Water 5738	⁴⁰ Gas 2232		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: 3/9/2021	
Date: 12/22/2020	Phone: 720-360-4028	Request for NMOCD extension of time to file BLM-Approved form 3160-4 File 3160-4 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 30-025-46668		² Pool Code		³ Pool Name	
⁴ Property Code 326772		⁵ Property Name GIPPLE FED COM			⁶ Well Number 114H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3284'

¹⁰Surface Location

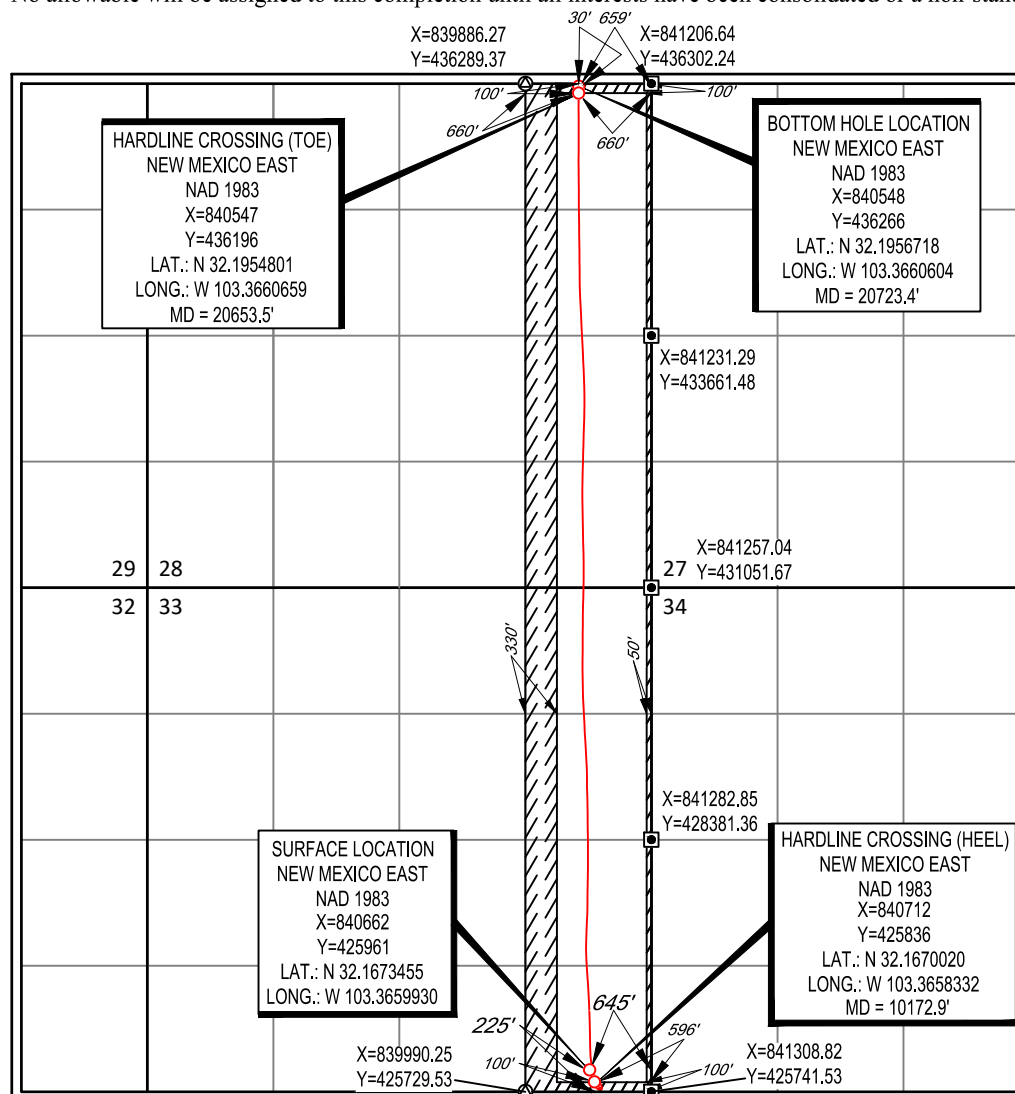
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	24-S	35-E	-	225'	SOUTH	645'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	24-S	35-E	-	30'	NORTH	659'	EAST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

10/12/2020

Signature

Date

Bill Ramsey

Printed Name

bramsey@taprk.com

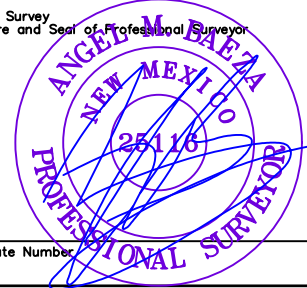
E-mail Address

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

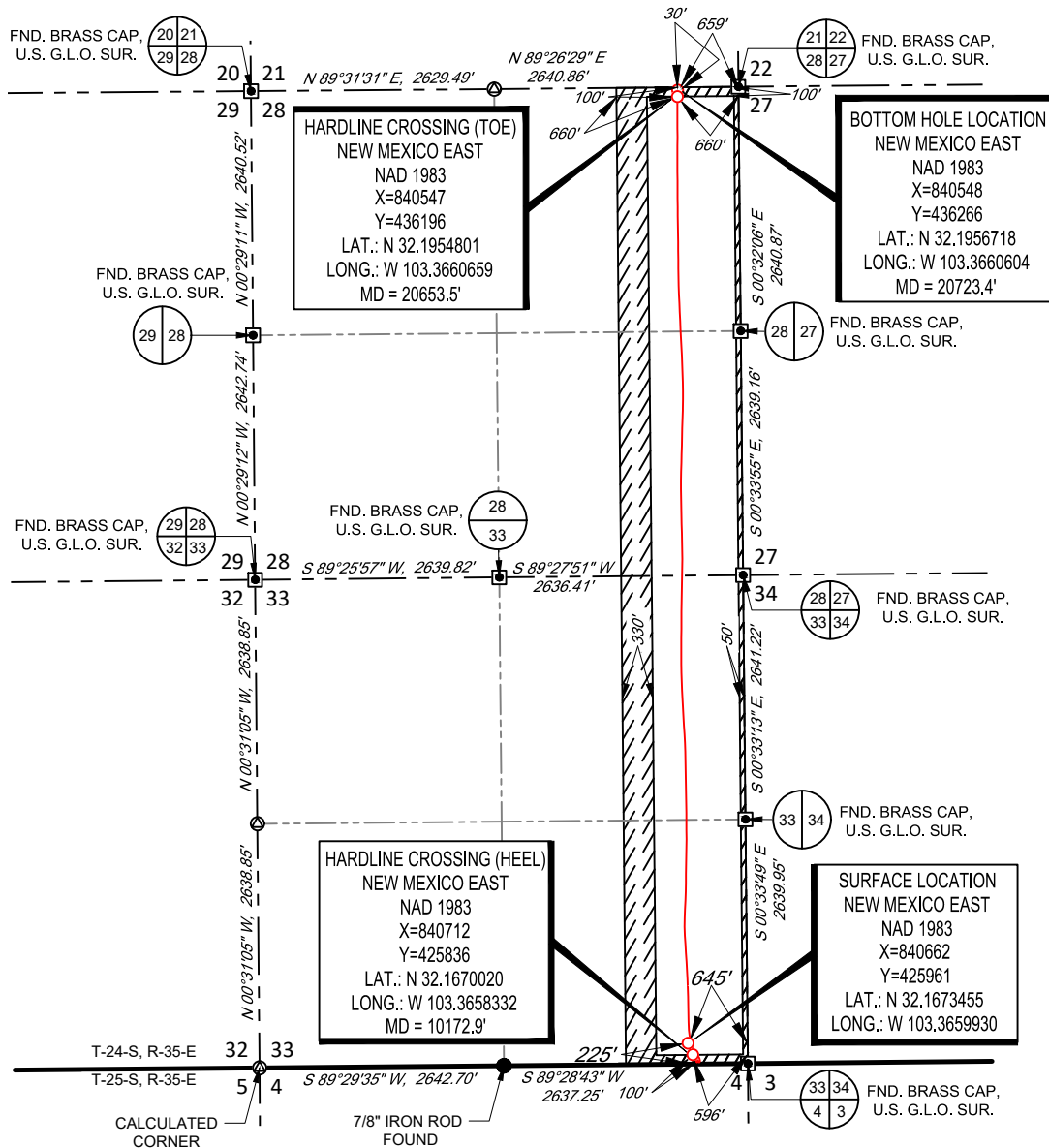


Certificate Number

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 #114H
SECTION 33 TWP 24-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3284'
DESCRIPTION 225' FSL & 645' 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

GIPPLE FED COM 114H
PRE-COMPLETION

REVISION:

INT DATE

DATE: 10/08/2020

FILE: C_GIPPLE_FED_COM_114H

DRAWN BY: A.V.F.

SHEET: 1 OF 1

NOTES:

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



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Gipple) Sec-33_T-24-S_R-35-E
Gipple Fed Com #114H**

OWB

Design: AWB

Standard Survey Report

03 October, 2020





Operator: Taprock Resources LLC
Well Name: Gipple Fed Com #114H
County: Lea
State: New Mexico
Rig Name: H&P 388
API: 30-025-46668

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 – 20656' MD
Projection to Bit: 20725 MD
Dates Performed: 09/14/2020 – 10/02/2020
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





Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #114H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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 #114H		
Well Position	+N/-S	0.0 usft	Northing: 425,961.00 usft
	+E/-W	0.0 usft	Easting: 840,662.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 10' 2.448 N
		Longitude:	103° 21' 57.572 W
		Ground Level:	3,283.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	09/16/20	6.48	59.76	47,669.42233794

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	359.36	

Survey Program	Date	10/03/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
177.0	20,725.0	Intrepid MWD (OWB)	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
177.0	0.26	199.68	177.0	-0.4	-0.1	-0.4	0.15	0.15	0.00
235.0	0.09	243.27	235.0	-0.5	-0.2	-0.5	0.35	-0.29	75.16
322.0	0.26	131.65	322.0	-0.7	-0.1	-0.7	0.35	0.20	-128.30
409.0	0.57	149.93	409.0	-1.2	0.2	-1.2	0.38	0.36	21.01
502.0	0.75	125.06	502.0	-1.9	1.0	-2.0	0.36	0.19	-26.74
594.0	0.66	136.14	594.0	-2.7	1.8	-2.7	0.18	-0.10	12.04
685.0	0.66	104.32	685.0	-3.2	2.7	-3.2	0.40	0.00	-34.97
778.0	0.53	87.09	778.0	-3.3	3.6	-3.3	0.24	-0.14	-18.53
830.0	0.26	110.16	830.0	-3.3	4.0	-3.4	0.59	-0.52	44.35
Rustler Anhydrite									



Intrepid Survey Report



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Well:	Gipple Fed Com #114H	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)
869.0	0.18	169.97	869.0	-3.4	4.1	-3.5	0.59	-0.21	153.46
964.0	0.31	207.33	964.0	-3.8	4.0	-3.8	0.21	0.14	39.33
975.0	0.31	192.56	975.0	-3.8	4.0	-3.9	0.72	0.00	-134.27
1,058.0	0.57	259.45	1,058.0	-4.1	3.5	-4.2	0.64	0.31	80.59
1,153.0	0.88	259.10	1,153.0	-4.4	2.3	-4.4	0.33	0.33	-0.37
1,247.0	1.01	254.96	1,246.9	-4.7	0.8	-4.7	0.16	0.14	-4.40
1,342.0	0.97	250.75	1,341.9	-5.2	-0.7	-5.2	0.09	-0.04	-4.43
1,365.1	0.95	249.91	1,365.0	-5.3	-1.1	-5.3	0.11	-0.10	-3.65
Top Salt									
1,436.0	0.88	247.05	1,435.9	-5.7	-2.2	-5.7	0.11	-0.10	-4.03
1,531.0	0.84	242.40	1,530.9	-6.3	-3.4	-6.3	0.08	-0.04	-4.89
1,625.0	0.75	253.03	1,624.9	-6.8	-4.6	-6.8	0.18	-0.10	11.31
1,720.0	0.57	246.53	1,719.9	-7.2	-5.7	-7.1	0.20	-0.19	-6.84
1,814.0	0.35	353.67	1,813.9	-7.1	-6.1	-7.0	0.80	-0.23	113.98
1,909.0	0.97	18.27	1,908.9	-6.1	-5.9	-6.0	0.70	0.65	25.89
2,003.0	0.79	16.60	2,002.9	-4.7	-5.5	-4.6	0.19	-0.19	-1.78
2,098.0	0.92	22.58	2,097.9	-3.3	-5.0	-3.3	0.17	0.14	6.29
2,192.0	1.19	31.46	2,191.8	-1.8	-4.2	-1.8	0.33	0.29	9.45
2,287.0	1.27	31.19	2,286.8	-0.1	-3.1	0.0	0.08	0.08	-0.28
2,381.0	1.36	30.93	2,380.8	1.8	-2.0	1.8	0.10	0.10	-0.28
2,476.0	1.14	24.60	2,475.8	3.6	-1.1	3.6	0.27	-0.23	-6.66
2,570.0	1.45	27.68	2,569.8	5.5	-0.1	5.5	0.34	0.33	3.28
2,665.0	1.80	25.48	2,664.7	7.9	1.1	7.9	0.37	0.37	-2.32
2,759.0	2.07	26.27	2,758.7	10.8	2.5	10.7	0.29	0.29	0.84
2,853.0	1.49	65.56	2,852.6	12.8	4.3	12.7	1.40	-0.62	41.80
2,948.0	2.24	117.24	2,947.6	12.5	7.1	12.4	1.85	0.79	54.40
3,042.0	2.68	127.52	3,041.5	10.3	10.5	10.2	0.66	0.47	10.94
3,137.0	3.43	142.38	3,136.4	6.7	14.0	6.5	1.14	0.79	15.64
3,231.0	3.38	145.54	3,230.2	2.2	17.3	2.0	0.21	-0.05	3.36
3,325.0	3.74	151.87	3,324.0	-2.8	20.3	-3.1	0.57	0.38	6.73
3,420.0	3.52	149.85	3,418.8	-8.1	23.2	-8.3	0.27	-0.23	-2.13
3,514.0	4.04	156.79	3,512.6	-13.6	26.0	-13.9	0.74	0.55	7.38
3,609.0	4.57	159.16	3,607.3	-20.2	28.6	-20.6	0.59	0.56	2.49
3,703.0	4.57	159.43	3,701.0	-27.2	31.3	-27.6	0.02	0.00	0.29
3,797.0	5.32	158.37	3,794.7	-34.8	34.2	-35.2	0.80	0.80	-1.13
3,892.0	5.93	140.71	3,889.2	-42.7	38.9	-43.1	1.92	0.64	-18.59
3,986.0	6.55	133.32	3,982.7	-50.1	45.9	-50.6	1.08	0.66	-7.86
4,081.0	6.86	127.87	4,077.0	-57.3	54.3	-57.9	0.74	0.33	-5.74
4,176.0	6.42	139.04	4,171.4	-64.8	62.3	-65.5	1.43	-0.46	11.76
4,270.0	6.20	164.70	4,264.9	-73.7	67.1	-74.4	2.98	-0.23	27.30
4,365.0	6.55	186.94	4,359.3	-84.0	67.8	-84.8	2.61	0.37	23.41
4,459.0	4.18	200.47	4,452.9	-92.5	65.9	-93.3	2.84	-2.52	14.39
4,554.0	1.98	231.94	4,547.7	-96.8	63.4	-97.5	2.84	-2.32	33.13



Intrepid Survey Report



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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)
4,648.0	0.40	304.71	4,641.7	-97.6	61.9	-98.3	2.02	-1.68	77.41
4,743.0	2.24	36.29	4,736.7	-95.9	62.7	-96.6	2.41	1.94	96.40
4,837.0	3.82	52.99	4,830.6	-92.6	66.3	-93.3	1.91	1.68	17.77
4,931.0	3.69	86.04	4,924.4	-90.5	71.8	-91.3	2.27	-0.14	35.16
5,016.8	2.97	116.26	5,010.0	-91.3	76.6	-92.1	2.18	-0.84	35.23
Base Salt									
5,026.0	2.95	120.14	5,019.2	-91.5	77.0	-92.3	2.18	-0.19	42.08
5,120.0	3.38	150.99	5,113.1	-95.1	80.4	-96.0	1.84	0.46	32.82
5,219.0	3.16	150.20	5,211.9	-100.0	83.2	-101.0	0.23	-0.22	-0.80
5,252.1	2.95	149.73	5,245.0	-101.6	84.1	-102.5	0.63	-0.62	-1.42
Delaware Mountain Gp									
5,262.1	2.89	149.57	5,255.0	-102.0	84.3	-103.0	0.63	-0.62	-1.55
Lamar									
5,277.2	2.80	149.33	5,270.0	-102.7	84.7	-103.6	0.63	-0.62	-1.64
Bell Canyon									
5,288.0	2.73	149.14	5,280.8	-103.1	85.0	-104.0	0.63	-0.62	-1.74
5,307.2	2.71	147.71	5,300.0	-103.9	85.4	-104.8	0.37	-0.11	-7.45
Ramsey Sand									
5,382.0	2.64	141.94	5,374.7	-106.7	87.5	-107.7	0.37	-0.09	-7.71
5,477.0	2.95	133.15	5,469.6	-110.1	90.6	-111.1	0.56	0.33	-9.25
5,571.0	4.70	145.54	5,563.4	-115.0	94.5	-116.0	2.05	1.86	13.18
5,665.0	4.53	144.57	5,657.1	-121.2	98.9	-122.3	0.20	-0.18	-1.03
5,760.0	4.66	140.53	5,751.8	-127.2	103.5	-128.3	0.37	0.14	-4.25
5,854.0	4.04	151.08	5,845.5	-133.0	107.5	-134.2	1.07	-0.66	11.22
5,949.0	4.13	150.73	5,940.3	-139.0	110.8	-140.2	0.10	0.09	-0.37
6,043.0	3.96	150.81	6,034.0	-144.7	114.0	-146.0	0.18	-0.18	0.09
6,138.0	3.56	150.11	6,128.8	-150.2	117.1	-151.5	0.42	-0.42	-0.74
6,204.3	3.47	148.46	6,195.0	-153.7	119.2	-155.0	0.21	-0.14	-2.49
Cherry Canyon									
6,232.0	3.43	147.74	6,222.7	-155.1	120.1	-156.4	0.21	-0.14	-2.59
6,327.0	3.56	151.08	6,317.5	-160.1	123.0	-161.4	0.25	0.14	3.52
6,422.0	5.05	170.50	6,412.2	-166.8	125.1	-168.1	2.17	1.57	20.44
6,517.0	5.05	170.68	6,506.8	-175.0	126.5	-176.4	0.02	0.00	0.19
6,611.0	5.10	170.24	6,600.5	-183.2	127.9	-184.6	0.07	0.05	-0.47
6,706.0	4.88	175.42	6,695.1	-191.4	128.9	-192.8	0.53	-0.23	5.45
6,800.0	3.87	191.60	6,788.8	-198.5	128.6	-199.9	1.69	-1.07	17.21
6,895.0	2.77	226.14	6,883.7	-203.2	126.3	-204.6	2.35	-1.16	36.36
6,990.0	2.11	235.98	6,978.6	-205.8	123.2	-207.2	0.82	-0.69	10.36
7,084.0	2.51	292.76	7,072.5	-206.0	119.9	-207.3	2.37	0.43	60.40
7,179.0	3.96	312.53	7,167.4	-202.9	115.5	-204.2	1.90	1.53	20.81
7,273.0	3.60	310.95	7,261.2	-198.8	110.9	-200.0	0.40	-0.38	-1.68
7,368.0	3.47	313.24	7,356.0	-194.9	106.6	-196.1	0.20	-0.14	2.41
7,463.0	3.43	313.06	7,450.8	-191.0	102.4	-192.1	0.04	-0.04	-0.19
7,557.0	3.30	309.90	7,544.7	-187.3	98.3	-188.4	0.24	-0.14	-3.36



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #114H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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)
7,652.0	2.99	305.41	7,639.5	-184.1	94.1	-185.2	0.42	-0.33	-4.73
7,667.5	2.88	303.93	7,655.0	-183.7	93.5	-184.7	0.85	-0.69	-9.52
Brushy Canyon									
7,747.0	2.37	294.34	7,734.4	-181.9	90.3	-182.9	0.85	-0.64	-12.07
7,842.0	1.71	277.55	7,829.4	-180.9	87.1	-181.9	0.93	-0.69	-17.67
7,936.0	1.23	255.93	7,923.3	-181.0	84.8	-181.9	0.77	-0.51	-23.00
8,032.0	1.27	225.78	8,019.3	-181.9	83.0	-182.9	0.68	0.04	-31.41
8,127.0	0.44	5.88	8,114.3	-182.3	82.3	-183.2	1.72	-0.87	147.47
8,222.0	0.92	24.69	8,209.3	-181.3	82.6	-182.2	0.55	0.51	19.80
8,316.0	1.05	50.35	8,303.3	-180.0	83.6	-181.0	0.48	0.14	27.30
8,411.0	1.14	70.22	8,398.3	-179.2	85.2	-180.1	0.41	0.09	20.92
8,506.0	1.49	79.01	8,493.2	-178.6	87.3	-179.6	0.42	0.37	9.25
8,600.0	1.32	83.67	8,587.2	-178.2	89.6	-179.2	0.22	-0.18	4.96
8,695.0	1.41	81.29	8,682.2	-177.9	91.8	-179.0	0.11	0.09	-2.51
8,789.0	1.58	94.21	8,776.2	-177.9	94.2	-178.9	0.40	0.18	13.74
8,884.0	1.76	106.69	8,871.1	-178.4	96.9	-179.5	0.43	0.19	13.14
8,927.9	1.93	117.54	8,915.0	-178.9	98.2	-180.0	0.89	0.40	24.71
Bone Spring Lime									
8,942.9	2.01	120.77	8,930.0	-179.2	98.7	-180.3	0.89	0.49	21.55
Upper Avalon									
8,978.0	2.20	127.43	8,965.1	-179.9	99.8	-181.0	0.89	0.55	18.98
9,072.0	3.25	136.58	9,059.0	-182.9	103.0	-184.1	1.21	1.12	9.73
9,167.0	2.11	156.09	9,153.9	-186.5	105.6	-187.6	1.52	-1.20	20.54
9,262.0	1.58	161.54	9,248.8	-189.3	106.7	-190.5	0.59	-0.56	5.74
9,283.2	1.70	164.08	9,270.0	-189.9	106.9	-191.1	0.67	0.58	11.98
Middle Avalon									
9,357.0	2.15	170.59	9,343.8	-192.3	107.4	-193.5	0.67	0.61	8.82
9,451.0	2.59	171.47	9,437.7	-196.2	108.0	-197.4	0.47	0.47	0.94
9,546.0	1.32	184.21	9,532.6	-199.4	108.2	-200.6	1.40	-1.34	13.41
9,641.0	1.58	259.71	9,627.6	-200.7	106.9	-201.9	1.88	0.27	79.47
9,736.0	2.07	241.17	9,722.5	-201.8	104.1	-202.9	0.80	0.52	-19.52
9,743.5	2.16	239.47	9,730.0	-201.9	103.8	-203.0	1.46	1.19	-22.84
Lower Avalon									
9,775.0	2.55	233.61	9,761.5	-202.6	102.8	-203.8	1.46	1.24	-18.57
9,870.0	3.74	231.85	9,856.4	-205.8	98.6	-206.9	1.26	1.25	-1.85
9,965.0	10.29	302.86	9,950.7	-203.1	89.0	-204.1	10.24	6.89	74.75
10,060.0	23.96	327.47	10,041.4	-182.1	71.4	-182.9	15.98	14.39	25.91
10,154.0	38.81	344.96	10,121.6	-137.2	53.4	-137.8	18.39	15.80	18.61
10,174.1	39.86	346.07	10,137.1	-124.9	50.2	-125.4	6.30	5.24	5.51
FTP @ 10174.1'MD, 100'FSL & 595.2'FEL									
10,249.0	43.87	349.80	10,192.9	-76.0	39.8	-76.5	6.30	5.35	4.98
10,343.0	47.78	351.82	10,258.4	-9.5	29.1	-9.8	4.44	4.16	2.15
10,432.5	53.70	352.07	10,315.0	59.1	19.4	58.9	6.62	6.62	0.28
1st Bone Spring Sand									
10,438.0	54.07	352.08	10,318.3	63.5	18.8	63.3	6.62	6.62	0.25



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #114H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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)
10,533.0	62.20	354.90	10,368.4	143.6	9.7	143.5	8.92	8.56	2.97
10,627.0	64.92	359.64	10,410.2	227.6	5.8	227.6	5.36	2.89	5.04
10,722.0	73.27	358.76	10,444.1	316.3	4.5	316.2	8.83	8.79	-0.93
10,817.0	83.74	359.11	10,463.0	409.2	2.8	409.2	11.03	11.02	0.37
10,911.0	87.82	358.24	10,469.9	502.9	0.6	502.9	4.44	4.34	-0.93
11,006.0	87.60	358.06	10,473.7	597.8	-2.4	597.8	0.30	-0.23	-0.19
11,101.0	87.65	357.53	10,477.7	692.7	-6.1	692.7	0.56	0.05	-0.56
11,195.0	87.08	357.01	10,482.0	786.5	-10.6	786.5	0.82	-0.61	-0.55
11,290.0	89.98	356.39	10,484.4	881.3	-16.0	881.4	3.12	3.05	-0.65
11,385.0	90.51	356.30	10,484.0	976.1	-22.1	976.3	0.57	0.56	-0.09
11,479.0	90.29	355.77	10,483.4	1,069.8	-28.6	1,070.1	0.61	-0.23	-0.56
11,575.0	91.82	357.18	10,481.6	1,165.6	-34.5	1,165.9	2.17	1.59	1.47
11,670.0	91.25	359.55	10,479.0	1,260.6	-37.2	1,260.9	2.56	-0.60	2.49
11,765.0	89.58	1.66	10,478.4	1,355.5	-36.2	1,355.9	2.83	-1.76	2.22
11,860.0	87.47	2.54	10,480.8	1,450.4	-32.7	1,450.7	2.41	-2.22	0.93
11,954.0	87.25	2.89	10,485.1	1,544.2	-28.3	1,544.5	0.44	-0.23	0.37
12,049.0	88.75	1.49	10,488.5	1,639.1	-24.6	1,639.3	2.16	1.58	-1.47
12,144.0	89.32	0.61	10,490.1	1,734.1	-22.9	1,734.2	1.10	0.60	-0.93
12,239.0	89.80	0.35	10,490.8	1,829.1	-22.1	1,829.2	0.57	0.51	-0.27
12,334.0	92.44	1.05	10,488.9	1,924.0	-20.9	1,924.1	2.87	2.78	0.74
12,428.0	92.66	1.22	10,484.7	2,017.9	-19.1	2,018.0	0.30	0.23	0.18
12,523.0	93.10	0.78	10,480.0	2,112.8	-17.4	2,112.8	0.65	0.46	-0.46
12,618.0	90.59	359.99	10,476.9	2,207.7	-16.8	2,207.8	2.77	-2.64	-0.83
12,712.0	91.60	359.64	10,475.1	2,301.7	-17.1	2,301.8	1.14	1.07	-0.37
12,807.0	92.09	359.55	10,472.1	2,396.7	-17.8	2,396.7	0.52	0.52	-0.09
12,902.0	92.75	359.47	10,468.0	2,491.6	-18.6	2,491.6	0.70	0.69	-0.08
12,996.0	90.81	359.20	10,465.1	2,585.5	-19.7	2,585.6	2.08	-2.06	-0.29
13,091.0	88.53	359.20	10,465.7	2,680.5	-21.0	2,680.6	2.40	-2.40	0.00
13,186.0	88.66	359.29	10,468.0	2,775.5	-22.2	2,775.5	0.17	0.14	0.09
13,280.0	88.88	358.41	10,470.0	2,869.4	-24.1	2,869.5	0.96	0.23	-0.94
13,375.0	90.55	358.68	10,470.5	2,964.4	-26.5	2,964.5	1.78	1.76	0.28
13,470.0	90.07	359.64	10,470.0	3,059.4	-27.9	3,059.5	1.13	-0.51	1.01
13,564.0	87.08	358.32	10,472.3	3,153.3	-29.6	3,153.4	3.48	-3.18	-1.40
13,659.0	87.91	357.18	10,476.5	3,248.1	-33.3	3,248.3	1.48	0.87	-1.20
13,754.0	88.79	356.48	10,479.2	3,343.0	-38.6	3,343.2	1.18	0.93	-0.74
13,848.0	91.38	356.04	10,479.1	3,436.7	-44.7	3,437.0	2.79	2.76	-0.47
13,943.0	92.09	357.53	10,476.2	3,531.5	-50.0	3,531.9	1.74	0.75	1.57
14,038.0	91.78	357.18	10,473.0	3,626.4	-54.4	3,626.8	0.49	-0.33	-0.37
14,132.0	92.22	356.92	10,469.7	3,720.2	-59.3	3,720.6	0.54	0.47	-0.28
14,227.0	92.62	356.92	10,465.7	3,815.0	-64.4	3,815.5	0.42	0.42	0.00
14,321.0	92.35	358.15	10,461.6	3,908.8	-68.4	3,909.3	1.34	-0.29	1.31
14,416.0	90.51	359.11	10,459.2	4,003.7	-70.7	4,004.3	2.18	-1.94	1.01
14,511.0	90.24	358.85	10,458.6	4,098.7	-72.4	4,099.3	0.39	-0.28	-0.27



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #114H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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)
14,606.0	89.80	359.82	10,458.6	4,193.7	-73.5	4,194.3	1.12	-0.46	1.02
14,700.0	88.44	0.35	10,460.0	4,287.7	-73.3	4,288.3	1.55	-1.45	0.56
14,795.0	88.48	0.52	10,462.6	4,382.7	-72.6	4,383.2	0.18	0.04	0.18
14,890.0	90.24	0.08	10,463.6	4,477.7	-72.1	4,478.2	1.91	1.85	-0.46
14,984.0	91.96	0.43	10,461.8	4,571.6	-71.7	4,572.2	1.87	1.83	0.37
15,079.0	93.76	0.08	10,457.1	4,666.5	-71.3	4,667.0	1.93	1.89	-0.37
15,174.0	92.44	1.14	10,452.0	4,761.4	-70.2	4,761.9	1.78	-1.39	1.12
15,269.0	93.98	1.14	10,446.6	4,856.2	-68.4	4,856.7	1.62	1.62	0.00
15,363.0	91.78	1.49	10,441.9	4,950.0	-66.2	4,950.5	2.37	-2.34	0.37
15,458.0	90.33	1.22	10,440.2	5,045.0	-64.0	5,045.4	1.55	-1.53	-0.28
15,553.0	89.10	0.78	10,440.6	5,140.0	-62.3	5,140.4	1.38	-1.29	-0.46
15,648.0	89.01	359.73	10,442.2	5,235.0	-61.9	5,235.3	1.11	-0.09	-1.11
15,742.0	89.14	359.11	10,443.7	5,329.0	-62.8	5,329.3	0.67	0.14	-0.66
15,837.0	91.12	358.68	10,443.5	5,423.9	-64.7	5,424.3	2.13	2.08	-0.45
15,932.0	92.26	358.68	10,440.7	5,518.9	-66.9	5,519.3	1.20	1.20	0.00
16,027.0	93.58	358.59	10,435.9	5,613.7	-69.1	5,614.1	1.39	1.39	-0.09
16,121.0	94.20	359.11	10,429.5	5,707.5	-71.0	5,707.9	0.86	0.66	0.55
16,216.0	94.59	359.03	10,422.2	5,802.2	-72.5	5,802.6	0.42	0.41	-0.08
16,311.0	94.11	358.59	10,415.0	5,896.9	-74.5	5,897.4	0.68	-0.51	-0.46
16,406.0	92.70	359.29	10,409.4	5,991.7	-76.3	5,992.2	1.66	-1.48	0.74
16,500.0	92.26	0.61	10,405.3	6,085.6	-76.3	6,086.1	1.48	-0.47	1.40
16,595.0	91.12	1.49	10,402.5	6,180.5	-74.6	6,181.0	1.52	-1.20	0.93
16,690.0	92.22	2.01	10,399.7	6,275.5	-71.7	6,275.9	1.28	1.16	0.55
16,784.0	92.92	1.40	10,395.5	6,369.3	-68.9	6,369.7	0.99	0.74	-0.65
16,879.0	94.24	1.05	10,389.6	6,464.1	-66.9	6,464.5	1.44	1.39	-0.37
16,974.0	92.88	1.49	10,383.7	6,558.9	-64.8	6,559.2	1.50	-1.43	0.46
17,068.0	92.18	1.49	10,379.5	6,652.8	-62.3	6,653.1	0.74	-0.74	0.00
17,163.0	93.27	1.84	10,375.0	6,747.6	-59.6	6,747.9	1.20	1.15	0.37
17,258.0	92.79	2.01	10,370.0	6,842.4	-56.4	6,842.7	0.54	-0.51	0.18
17,282.0	92.75	1.66	10,368.8	6,866.4	-55.6	6,866.6	1.47	-0.17	-1.46
17,377.0	91.60	359.99	10,365.2	6,961.3	-54.3	6,961.5	2.13	-1.21	-1.76
17,471.0	90.86	359.29	10,363.2	7,055.3	-54.8	7,055.5	1.08	-0.79	-0.74
17,566.0	92.48	358.68	10,360.4	7,150.2	-56.5	7,150.4	1.82	1.71	-0.64
17,661.0	92.44	358.15	10,356.4	7,245.1	-59.1	7,245.3	0.56	-0.04	-0.56
17,755.0	92.26	357.62	10,352.5	7,339.0	-62.6	7,339.2	0.60	-0.19	-0.56
17,850.0	92.79	357.36	10,348.3	7,433.8	-66.8	7,434.1	0.62	0.56	-0.27
17,945.0	93.36	356.92	10,343.2	7,528.5	-71.5	7,528.9	0.76	0.60	-0.46
18,039.0	91.74	357.18	10,339.0	7,622.3	-76.3	7,622.7	1.75	-1.72	0.28
18,134.0	91.16	357.18	10,336.6	7,717.2	-81.0	7,717.6	0.61	-0.61	0.00
18,229.0	91.60	357.53	10,334.4	7,812.0	-85.4	7,812.5	0.59	0.46	0.37
18,324.0	91.38	357.27	10,331.9	7,906.9	-89.7	7,907.4	0.36	-0.23	-0.27
18,418.0	91.47	357.53	10,329.5	8,000.8	-94.0	8,001.3	0.29	0.10	0.28
18,513.0	91.21	357.09	10,327.3	8,095.7	-98.4	8,096.2	0.54	-0.27	-0.46
18,608.0	91.78	358.50	10,324.8	8,190.5	-102.1	8,191.2	1.60	0.60	1.48



Intrepid Survey Report



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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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)
18,702.0	92.40	359.55	10,321.4	8,284.5	-103.7	8,285.1	1.30	0.66	1.12
18,797.0	92.31	359.47	10,317.5	8,379.4	-104.5	8,380.0	0.13	-0.09	-0.08
18,892.0	92.62	359.55	10,313.4	8,474.3	-105.3	8,474.9	0.34	0.33	0.08
18,987.0	92.62	359.47	10,309.1	8,569.2	-106.1	8,569.8	0.08	0.00	-0.08
19,081.0	92.44	359.03	10,304.9	8,663.1	-107.3	8,663.7	0.51	-0.19	-0.47
19,176.0	92.40	359.20	10,300.9	8,758.0	-108.8	8,758.7	0.18	-0.04	0.18
19,271.0	91.82	359.55	10,297.4	8,852.9	-109.8	8,853.6	0.71	-0.61	0.37
19,365.0	91.74	359.20	10,294.5	8,946.9	-110.9	8,947.6	0.38	-0.09	-0.37
19,460.0	93.49	359.47	10,290.2	9,041.8	-112.0	9,042.4	1.86	1.84	0.28
19,554.0	93.63	359.29	10,284.3	9,135.6	-113.0	9,136.3	0.24	0.15	-0.19
19,649.0	94.20	0.26	10,277.9	9,230.4	-113.4	9,231.0	1.18	0.60	1.02
19,744.0	93.85	359.47	10,271.2	9,325.1	-113.6	9,325.8	0.91	-0.37	-0.83
19,838.0	94.59	359.03	10,264.3	9,418.9	-114.8	9,419.5	0.92	0.79	-0.47
19,933.0	92.57	0.35	10,258.3	9,513.7	-115.3	9,514.4	2.54	-2.13	1.39
20,028.0	91.25	0.08	10,255.2	9,608.6	-115.0	9,609.3	1.42	-1.39	-0.28
20,123.0	90.24	0.52	10,253.9	9,703.6	-114.5	9,704.3	1.16	-1.06	0.46
20,217.0	88.70	0.17	10,254.8	9,797.6	-113.9	9,798.2	1.68	-1.64	-0.37
20,312.0	87.65	359.47	10,257.8	9,892.5	-114.2	9,893.2	1.33	-1.11	-0.74
20,407.0	87.52	359.38	10,261.8	9,987.4	-115.1	9,988.1	0.17	-0.14	-0.09
20,502.0	87.91	0.17	10,265.6	10,082.4	-115.5	10,083.0	0.93	0.41	0.83
20,596.0	86.77	0.26	10,270.0	10,176.3	-115.2	10,176.9	1.22	-1.21	0.10
20,654.7	85.95	0.86	10,273.7	10,234.8	-114.6	10,235.5	1.73	-1.40	1.02
LTP @ 20654.7'MD, 100'FNL & 660.2'FEL									
20,656.0	85.93	0.87	10,273.8	10,236.1	-114.6	10,236.8	1.73	-1.40	1.02
LAST SVY									
20,725.0	85.93	0.87	10,278.7	10,305.0	-113.5	10,305.6	0.00	0.00	0.00
Projection to TD @ 20725'MD, 29.9'FNL & 658.5'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
LTP (Gipple Fed Com - actual wellpath misses target center by 29.8usft at 20653.0usft MD (10273.6 TVD, 10233.1 N, -114.6 E) - Point	0.00	0.00	10,243.9	10,235.0	-114.0	436,196.00	840,548.00	32° 11' 43.730 N	103° 21' 57.827 W
PBHL (Gipple Fed Co - actual wellpath misses target center by 36.2usft at 20725.0usft MD (10278.7 TVD, 10305.0 N, -113.5 E) - Rectangle (sides W100.0 H1,558.7 D20.0)	-1.20	359.45	10,243.9	10,315.0	-115.0	436,276.00	840,547.00	32° 11' 44.522 N	103° 21' 57.831 W
FTP (Gipple Fed Com - actual wellpath misses target center by 238.6usft at 10393.0usft MD (10290.9 TVD, 28.1 N, 23.7 E) - Point	0.00	0.00	10,470.0	-125.0	-14.0	425,836.00	840,648.00	32° 10' 1.212 N	103° 21' 57.748 W



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Gipple Fed Com #114H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3309.0usft (H&P 388)
Site:	(Gipple) Sec-33_T-24-S_R-35-E	MD Reference:	KB @ 3309.0usft (H&P 388)
Well:	Gipple Fed Com #114H	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 (°)
830.0	830.0	Rustler Anhydrite			
1,365.1	1,365.0	Top Salt			
5,016.8	5,010.0	Base Salt			
5,252.1	5,245.0	Delaware Mountain Gp			
5,262.1	5,255.0	Lamar			
5,277.2	5,270.0	Bell Canyon			
5,307.2	5,300.0	Ramsey Sand			
6,204.3	6,195.0	Cherry Canyon			
7,667.5	7,655.0	Brushy Canyon			
8,927.9	8,915.0	Bone Spring Lime			
8,942.9	8,930.0	Upper Avalon			
9,283.2	9,270.0	Middle Avalon			
9,743.5	9,730.0	Lower Avalon			
10,432.5	10,315.0	1st Bone Spring Sand			

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,174.1	10,137.1	-124.9	50.2	FTP @ 10174.1'MD, 100'FSL & 595.2'FEL
20,654.7	10,273.7	10,234.8	-114.6	LTP @ 20654.7'MD, 100'FNL & 660.2'FEL
20,656.0	10,273.8	10,236.1	-114.6	LAST SVY
20,725.0	10,278.7	10,305.0	-113.5	Projection to TD @ 20725'MD, 29.9'FNL & 658.5'FEL

Checked By: _____ Approved By: _____ Date: _____

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No.
NMNM138893

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.					
2. Name of Operator TAP ROCK RESOURCES Contact: BILL RAMSEY E-Mail: bramsey@taprk.com				8. Lease Name and Well No. GIPPLE FED COM 114H					
3. Address 523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401				3a. Phone No. (include area code) Ph: 720-360-4028		9. API Well No. 30-025-46668			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T24S R35E Mer At surface SESE Lot P 225FSL 645FEL 32.167345 N Lat, 103.365993 W Lon Sec 33 T24S R35E Mer At top prod interval reported below SESE Lot P 100FSL 596FEL 32.167002 N Lat, 103.365833 W Lon Sec 28 T24S R35E Mer At total depth NENE Lot A 30FNL 659FEL 32.195672 N Lat, 103.366060 W Lon						10. Field and Pool, or Exploratory WC-025 G-07 S243517D;MIDDLE BONE SPRING			
						11. Sec., T., R., M., or Block and Survey or Area Sec 33 T24S R35E Mer			
						12. County or Parish LEA		13. State NM	
						14. Date Spudded 09/14/2020		15. Date T.D. Reached 10/02/2020	
17. Elevations (DF, KB, RT, GL)* 3284 GL		18. Total Depth: MD 20725 TVD 10279							
19. Plug Back T.D.: MD 20665 TVD 10274		20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA					
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)		23. Signature of Operator <i>KZ</i>							

[illegible]

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONESPRING	10523	20594	10523 TO 20594	0.420	1131	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
10523 TO 20594	48 STAGE FRAC WITH 24,960,676 LBS OF 100 MESH SAND.

Date First Produced 12/09/2020	Test Date 12/21/2020	Hours Tested 24	Test Production 	Oil BBL 1212.0	Gas MCF 2232.0	Water BBL 5738.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 69/64	Tbg. Press. Flwg. SI 0	Csg. Press. 0 1138.0	24 Hr. Rate 	Oil BBL 1212	Gas MCF 2232	Water BBL 5738	Gas:Oil Ratio 1842	Well Status POW	

Date First Produced	Test Date	Hours Tested	Test Production 	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

Released to Imaging: 3/9/2021 9:49:39 AM

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
CHERRY CANYON	6216				
BRUSHY CANYON	7710				
BONESPRING TOP	8941				
UPPER AVALON	8966				
1ST BONESPRING SAND	10471				

32. Additional remarks (include plugging procedure):

Tubing will be reported through a BLM 3160-5 sundry if tubing is ever placed in the wellbore.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #541667 Verified by the BLM Well Information System.
For TAP ROCK RESOURCES, sent to the Hobbs**

Name (please print) BILL RAMSEYTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 12/22/2020

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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 17588

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	372043	17588	C-104C
523 Park Point Drive			
OCD Reviewer	Condition		
plmartinez	None		