

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-48742
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Prometheus State Com
8. Well Number 221H
9. OGRID Number 372043
10. Pool name or Wildcat WC-025 G-09 S243310P; UPPER WOLFCAMP
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3547 GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator TAP ROCK OPERATING, LLC	
3. Address of Operator 523 PARK POINT DR, SUITE 200, GOLDEN, CO 80401	
4. Well Location Unit Letter <u>M</u> : <u>1126</u> feet from the <u>South</u> line and <u>309</u> feet from the <u>West</u> line Section <u>22</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3547 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Tap Rock requests the following:

1. Change the well name/number to: Prometheus State Com 121H
2. Change the BHL to D-15-24S-33E, 30' FNL 990' FWL, Lea County, NM. Lat: 32.2247936, Long: -103.5655129
3. Change the TVD to 10940' and corresponding pool to [96674] TRIPLE X; BONE SPRING, WEST
4. Change the spacing unit size to 640 acres compromised of Units C D E F K L M N 15-24S-33E and C D E F K L M N 22-24S-33E based on Prometheus State Com 142H (API 30-025-48731) as the defining well.

See attached updated C-102 and drill plans.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Regulatory Analyst DATE 5/11/2022

Type or print name Jeff Trlica E-mail address: jtrlica@taprk.com PHONE: 720-772-5910

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
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Phone: (505) 746-3460 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**

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48742		² Pool Code 96674	³ Pool Name TRIPLE X;BONE SPRING, WEST	
⁴ Property Code 330700	⁵ Property Name PROMETHEUS STATE COM			⁶ Well Number 121H
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3548'

¹⁰Surface Location

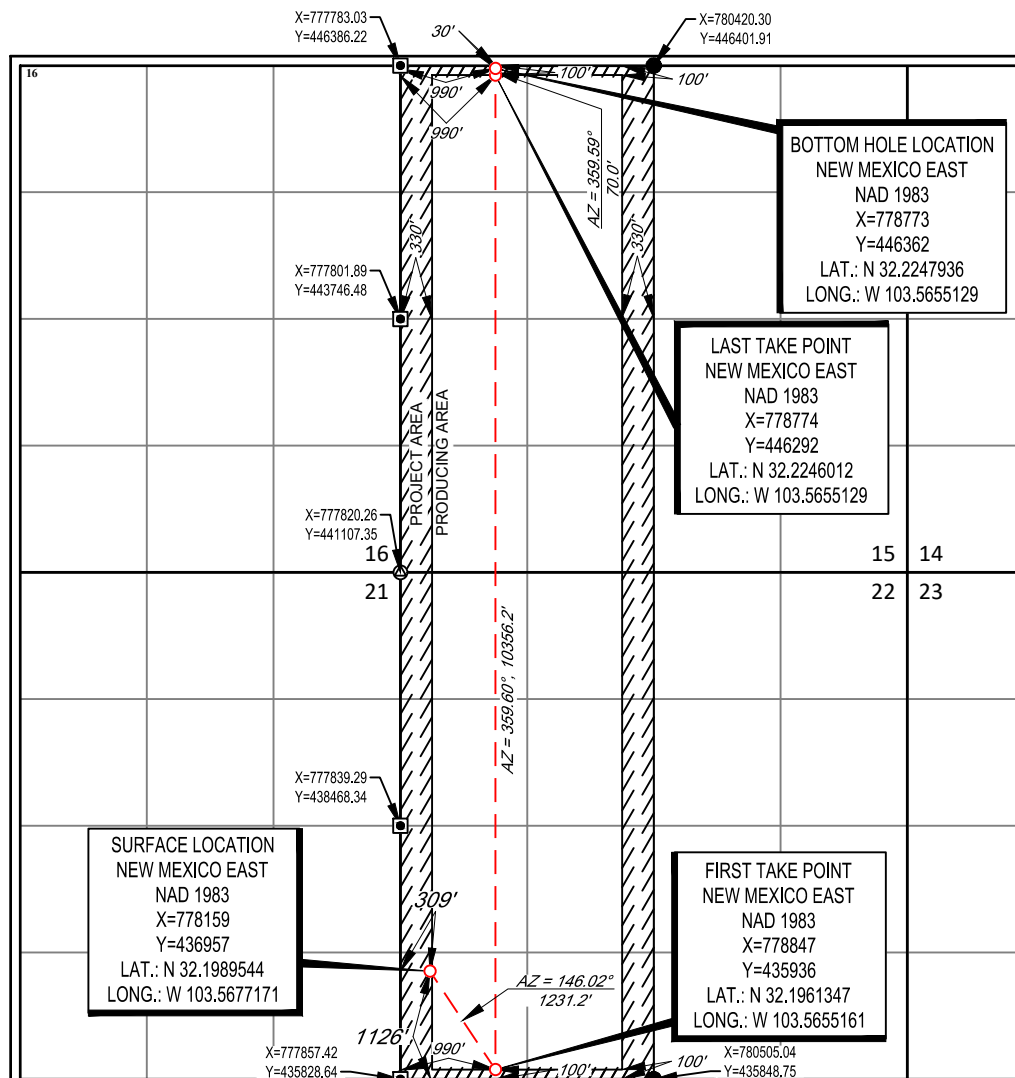
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	24-S	33-E	-	1126'	SOUTH	309'	WEST	LEA

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
D	15	24-S	33-E	-	30'	NORTH	990'	WEST	LEA

¹² Dedicated Acres 640	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.



5/4/2022

Signature _____

Date _____

Jeff Trlica

Printed Name _____

jtrlica@taprk.com

E-mail Address

18 SURVEYOR 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.

03/29/2021

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Prometheus State) Sec-22_T-24-S_R-34-E
Prometheus State Com #121H**

OWB

Plan: Plan #3

Standard Planning Report

17 May, 2022





Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3574.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3574.0usft
Site:	(Promethus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

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	(Promethus State) Sec-22_T-24-S_R-34-E		
Site Position:	Northing:	436,982.00 usft	Latitude: 32° 11' 56.488 N
From: Map	Easting:	778,079.00 usft	Longitude: 103° 34' 4.705 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "		Grid Convergence: 0.41 °

Well	Prometheus State Com #121H		
Well Position	+N/-S	-25.0 usft	Northing: 436,957.00 usft
	+E/-W	80.0 usft	Easting: 778,159.00 usft
Position Uncertainty 0.0 usft			Latitude: 32° 11' 56.235 N
			Longitude: 103° 34' 3.776 W
		Wellhead Elevation:	Ground Level: 3,548.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	04/09/21	6.53	59.99	47,531.11871080

Design	Plan #3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.60

Plan Survey Tool Program	Date	05/17/22		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	5,300.0	Plan #3 (OWB)	GYD_GC+DROP+OH Gyrodatta Stationary Tool dro
2	5,300.0	21,466.7	Plan #3 (OWB)	MWD+IFR1+MS OWSG MWD + IFR1 + Mult



Intrepid Planning Report



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Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,534.7	11.35	143.24	2,527.3	-89.7	67.0	1.00	1.00	0.00	143.24	
8,190.7	11.35	143.24	8,072.7	-981.3	733.0	0.00	0.00	0.00	0.00	
9,325.4	0.00	0.00	9,200.0	-1,071.0	800.0	1.00	-1.00	0.00	180.00	
10,684.4	0.00	0.00	10,559.0	-1,071.0	800.0	0.00	0.00	0.00	0.00	
11,506.2	90.40	350.90	11,079.9	-553.1	717.0	11.00	11.00	0.00	350.90	
11,941.0	90.40	359.60	11,076.8	-120.2	681.1	2.00	0.00	2.00	89.97	
21,466.7	90.40	359.60	11,010.4	9,405.0	614.0	0.00	0.00	0.00	0.00	PBHL (Prometheus)



Intrepid Planning Report



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Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned 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
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
NUDGE - Build 1.00									
1,500.0	1.00	143.24	1,500.0	-0.7	0.5	-0.7	1.00	1.00	0.00
1,600.0	2.00	143.24	1,600.0	-2.8	2.1	-2.8	1.00	1.00	0.00
1,700.0	3.00	143.24	1,699.9	-6.3	4.7	-6.3	1.00	1.00	0.00
1,800.0	4.00	143.24	1,799.7	-11.2	8.4	-11.2	1.00	1.00	0.00
1,900.0	5.00	143.24	1,899.4	-17.5	13.0	-17.6	1.00	1.00	0.00
2,000.0	6.00	143.24	1,998.9	-25.1	18.8	-25.3	1.00	1.00	0.00
2,100.0	7.00	143.24	2,098.3	-34.2	25.6	-34.4	1.00	1.00	0.00
2,200.0	8.00	143.24	2,197.4	-44.7	33.4	-44.9	1.00	1.00	0.00
2,300.0	9.00	143.24	2,296.3	-56.5	42.2	-56.8	1.00	1.00	0.00
2,400.0	10.00	143.24	2,394.9	-69.7	52.1	-70.1	1.00	1.00	0.00
2,500.0	11.00	143.24	2,493.3	-84.3	63.0	-84.8	1.00	1.00	0.00
2,534.7	11.35	143.24	2,527.3	-89.7	67.0	-90.2	1.00	1.00	0.00
HOLD - 5656.0 at 2534.7 MD									
2,600.0	11.35	143.24	2,591.3	-100.0	74.7	-100.5	0.00	0.00	0.00
2,700.0	11.35	143.24	2,689.4	-115.8	86.5	-116.4	0.00	0.00	0.00
2,800.0	11.35	143.24	2,787.4	-131.5	98.3	-132.2	0.00	0.00	0.00
2,900.0	11.35	143.24	2,885.5	-147.3	110.0	-148.1	0.00	0.00	0.00
3,000.0	11.35	143.24	2,983.5	-163.1	121.8	-163.9	0.00	0.00	0.00
3,100.0	11.35	143.24	3,081.5	-178.8	133.6	-179.8	0.00	0.00	0.00
3,200.0	11.35	143.24	3,179.6	-194.6	145.4	-195.6	0.00	0.00	0.00
3,300.0	11.35	143.24	3,277.6	-210.4	157.1	-211.5	0.00	0.00	0.00
3,400.0	11.35	143.24	3,375.7	-226.1	168.9	-227.3	0.00	0.00	0.00
3,500.0	11.35	143.24	3,473.7	-241.9	180.7	-243.1	0.00	0.00	0.00
3,600.0	11.35	143.24	3,571.8	-257.6	192.5	-259.0	0.00	0.00	0.00
3,700.0	11.35	143.24	3,669.8	-273.4	204.2	-274.8	0.00	0.00	0.00
3,800.0	11.35	143.24	3,767.9	-289.2	216.0	-290.7	0.00	0.00	0.00
3,900.0	11.35	143.24	3,865.9	-304.9	227.8	-306.5	0.00	0.00	0.00
4,000.0	11.35	143.24	3,964.0	-320.7	239.6	-322.4	0.00	0.00	0.00
4,100.0	11.35	143.24	4,062.0	-336.5	251.3	-338.2	0.00	0.00	0.00
4,200.0	11.35	143.24	4,160.0	-352.2	263.1	-354.1	0.00	0.00	0.00
4,300.0	11.35	143.24	4,258.1	-368.0	274.9	-369.9	0.00	0.00	0.00
4,400.0	11.35	143.24	4,356.1	-383.8	286.6	-385.7	0.00	0.00	0.00
4,500.0	11.35	143.24	4,454.2	-399.5	298.4	-401.6	0.00	0.00	0.00
4,600.0	11.35	143.24	4,552.2	-415.3	310.2	-417.4	0.00	0.00	0.00
4,700.0	11.35	143.24	4,650.3	-431.0	322.0	-433.3	0.00	0.00	0.00
4,800.0	11.35	143.24	4,748.3	-446.8	333.7	-449.1	0.00	0.00	0.00
4,900.0	11.35	143.24	4,846.4	-462.6	345.5	-465.0	0.00	0.00	0.00
5,000.0	11.35	143.24	4,944.4	-478.3	357.3	-480.8	0.00	0.00	0.00



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Wellbore:	OWB		
Design:	Plan #3		

Planned 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)	
5,100.0	11.35	143.24	5,042.5	-494.1	369.1	-496.7	0.00	0.00	0.00	
5,200.0	11.35	143.24	5,140.5	-509.9	380.8	-512.5	0.00	0.00	0.00	
5,300.0	11.35	143.24	5,238.5	-525.6	392.6	-528.3	0.00	0.00	0.00	
5,400.0	11.35	143.24	5,336.6	-541.4	404.4	-544.2	0.00	0.00	0.00	
5,500.0	11.35	143.24	5,434.6	-557.1	416.2	-560.0	0.00	0.00	0.00	
5,600.0	11.35	143.24	5,532.7	-572.9	427.9	-575.9	0.00	0.00	0.00	
5,700.0	11.35	143.24	5,630.7	-588.7	439.7	-591.7	0.00	0.00	0.00	
5,800.0	11.35	143.24	5,728.8	-604.4	451.5	-607.6	0.00	0.00	0.00	
5,900.0	11.35	143.24	5,826.8	-620.2	463.3	-623.4	0.00	0.00	0.00	
6,000.0	11.35	143.24	5,924.9	-636.0	475.0	-639.3	0.00	0.00	0.00	
6,100.0	11.35	143.24	6,022.9	-651.7	486.8	-655.1	0.00	0.00	0.00	
6,200.0	11.35	143.24	6,121.0	-667.5	498.6	-671.0	0.00	0.00	0.00	
6,300.0	11.35	143.24	6,219.0	-683.3	510.4	-686.8	0.00	0.00	0.00	
6,400.0	11.35	143.24	6,317.0	-699.0	522.1	-702.6	0.00	0.00	0.00	
6,500.0	11.35	143.24	6,415.1	-714.8	533.9	-718.5	0.00	0.00	0.00	
6,600.0	11.35	143.24	6,513.1	-730.5	545.7	-734.3	0.00	0.00	0.00	
6,700.0	11.35	143.24	6,611.2	-746.3	557.5	-750.2	0.00	0.00	0.00	
6,800.0	11.35	143.24	6,709.2	-762.1	569.2	-766.0	0.00	0.00	0.00	
6,900.0	11.35	143.24	6,807.3	-777.8	581.0	-781.9	0.00	0.00	0.00	
7,000.0	11.35	143.24	6,905.3	-793.6	592.8	-797.7	0.00	0.00	0.00	
7,100.0	11.35	143.24	7,003.4	-809.4	604.6	-813.6	0.00	0.00	0.00	
7,200.0	11.35	143.24	7,101.4	-825.1	616.3	-829.4	0.00	0.00	0.00	
7,300.0	11.35	143.24	7,199.5	-840.9	628.1	-845.2	0.00	0.00	0.00	
7,400.0	11.35	143.24	7,297.5	-856.6	639.9	-861.1	0.00	0.00	0.00	
7,500.0	11.35	143.24	7,395.5	-872.4	651.7	-876.9	0.00	0.00	0.00	
7,600.0	11.35	143.24	7,493.6	-888.2	663.4	-892.8	0.00	0.00	0.00	
7,700.0	11.35	143.24	7,591.6	-903.9	675.2	-908.6	0.00	0.00	0.00	
7,800.0	11.35	143.24	7,689.7	-919.7	687.0	-924.5	0.00	0.00	0.00	
7,900.0	11.35	143.24	7,787.7	-935.5	698.8	-940.3	0.00	0.00	0.00	
8,000.0	11.35	143.24	7,885.8	-951.2	710.5	-956.2	0.00	0.00	0.00	
8,100.0	11.35	143.24	7,983.8	-967.0	722.3	-972.0	0.00	0.00	0.00	
8,190.7	11.35	143.24	8,072.7	-981.3	733.0	-986.4	0.00	0.00	0.00	
DROP - -1.00										
8,200.0	11.25	143.24	8,081.9	-982.7	734.1	-987.8	1.00	-1.00	0.00	
8,300.0	10.25	143.24	8,180.1	-997.7	745.2	-1,002.9	1.00	-1.00	0.00	
8,400.0	9.25	143.24	8,278.7	-1,011.3	755.4	-1,016.5	1.00	-1.00	0.00	
8,500.0	8.25	143.24	8,377.5	-1,023.5	764.5	-1,028.8	1.00	-1.00	0.00	
8,600.0	7.25	143.24	8,476.6	-1,034.3	772.6	-1,039.6	1.00	-1.00	0.00	
8,700.0	6.25	143.24	8,575.9	-1,043.7	779.6	-1,049.1	1.00	-1.00	0.00	
8,800.0	5.25	143.24	8,675.4	-1,051.7	785.6	-1,057.2	1.00	-1.00	0.00	
8,900.0	4.25	143.24	8,775.0	-1,058.4	790.6	-1,063.8	1.00	-1.00	0.00	
9,000.0	3.25	143.24	8,874.8	-1,063.6	794.5	-1,069.1	1.00	-1.00	0.00	
9,100.0	2.25	143.24	8,974.7	-1,067.4	797.3	-1,073.0	1.00	-1.00	0.00	
9,200.0	1.25	143.24	9,074.6	-1,069.9	799.2	-1,075.5	1.00	-1.00	0.00	
9,300.0	0.25	143.24	9,174.6	-1,071.0	800.0	-1,076.5	1.00	-1.00	0.00	
9,325.4	0.00	0.00	9,200.0	-1,071.0	800.0	-1,076.6	1.00	-1.00	0.00	
HOLD - 1359.0 at 9325.4 MD										
9,400.0	0.00	0.00	9,274.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,374.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,474.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,574.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,674.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,774.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,874.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00	



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3574.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3574.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned 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)
10,100.0	0.00	0.00	9,974.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,200.0	0.00	0.00	10,074.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,300.0	0.00	0.00	10,174.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,400.0	0.00	0.00	10,274.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,500.0	0.00	0.00	10,374.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,600.0	0.00	0.00	10,474.6	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
10,684.4	0.00	0.00	10,559.0	-1,071.0	800.0	-1,076.6	0.00	0.00	0.00
KOP - Build 11.00									
10,700.0	1.72	350.90	10,574.6	-1,070.8	800.0	-1,076.3	11.00	11.00	0.00
10,750.0	7.22	350.90	10,624.5	-1,066.9	799.3	-1,072.5	11.00	11.00	0.00
10,800.0	12.72	350.90	10,673.7	-1,058.4	798.0	-1,063.9	11.00	11.00	0.00
10,850.0	18.22	350.90	10,721.9	-1,045.2	795.9	-1,050.7	11.00	11.00	0.00
10,900.0	23.72	350.90	10,768.5	-1,027.6	793.0	-1,033.1	11.00	11.00	0.00
10,950.0	29.22	350.90	10,813.3	-1,005.6	789.5	-1,011.0	11.00	11.00	0.00
11,000.0	34.72	350.90	10,855.7	-979.4	785.3	-984.9	11.00	11.00	0.00
11,050.0	40.22	350.90	10,895.3	-949.4	780.5	-954.8	11.00	11.00	0.00
11,100.0	45.72	350.90	10,931.9	-915.8	775.1	-921.1	11.00	11.00	0.00
11,150.0	51.22	350.90	10,965.1	-878.8	769.2	-884.2	11.00	11.00	0.00
11,200.0	56.72	350.90	10,994.4	-838.9	762.8	-844.2	11.00	11.00	0.00
11,250.0	62.22	350.90	11,019.8	-796.4	756.0	-801.7	11.00	11.00	0.00
11,300.0	67.72	350.90	11,041.0	-751.7	748.9	-756.9	11.00	11.00	0.00
11,350.0	73.22	350.90	11,057.7	-705.2	741.4	-710.3	11.00	11.00	0.00
11,400.0	78.72	350.90	11,069.8	-657.3	733.7	-662.4	11.00	11.00	0.00
11,450.0	84.22	350.90	11,077.2	-608.5	725.9	-613.5	11.00	11.00	0.00
11,500.0	89.72	350.90	11,079.9	-559.2	718.0	-564.2	11.00	11.00	0.00
11,506.2	90.40	350.90	11,079.9	-553.1	717.0	-558.1	11.00	11.00	0.00
EOC/TRN - DLS 2.00 TFO 89.97									
11,600.0	90.40	352.78	11,079.2	-460.2	703.7	-465.1	2.00	0.00	2.00
11,700.0	90.40	354.78	11,078.5	-360.8	692.9	-365.7	2.00	0.00	2.00
11,800.0	90.40	356.78	11,077.8	-261.1	685.5	-265.9	2.00	0.00	2.00
11,900.0	90.40	358.78	11,077.1	-161.2	681.6	-165.9	2.00	0.00	2.00
11,941.0	90.40	359.60	11,076.8	-120.2	681.1	-124.9	2.00	0.00	2.00
Start 9525.7 hold at 11941.0 MD									
12,000.0	90.40	359.60	11,076.4	-61.2	680.6	-65.9	0.00	0.00	0.00
12,100.0	90.40	359.60	11,075.7	38.8	679.9	34.1	0.00	0.00	0.00
12,200.0	90.40	359.60	11,075.0	138.8	679.2	134.0	0.00	0.00	0.00
12,300.0	90.40	359.60	11,074.3	238.8	678.5	234.0	0.00	0.00	0.00
12,400.0	90.40	359.60	11,073.6	338.8	677.8	334.0	0.00	0.00	0.00
12,500.0	90.40	359.60	11,072.9	438.8	677.1	434.0	0.00	0.00	0.00
12,600.0	90.40	359.60	11,072.2	538.8	676.4	534.0	0.00	0.00	0.00
12,700.0	90.40	359.60	11,071.5	638.8	675.7	634.0	0.00	0.00	0.00
12,800.0	90.40	359.60	11,070.8	738.8	675.0	734.0	0.00	0.00	0.00
12,900.0	90.40	359.60	11,070.1	838.8	674.3	834.0	0.00	0.00	0.00
13,000.0	90.40	359.60	11,069.4	938.8	673.6	934.0	0.00	0.00	0.00
13,100.0	90.40	359.60	11,068.7	1,038.7	672.9	1,034.0	0.00	0.00	0.00
13,200.0	90.40	359.60	11,068.0	1,138.7	672.2	1,134.0	0.00	0.00	0.00
13,300.0	90.40	359.60	11,067.3	1,238.7	671.5	1,234.0	0.00	0.00	0.00
13,400.0	90.40	359.60	11,066.6	1,338.7	670.8	1,334.0	0.00	0.00	0.00
13,500.0	90.40	359.60	11,065.9	1,438.7	670.1	1,434.0	0.00	0.00	0.00
13,600.0	90.40	359.60	11,065.2	1,538.7	669.4	1,534.0	0.00	0.00	0.00
13,700.0	90.40	359.60	11,064.5	1,638.7	668.7	1,634.0	0.00	0.00	0.00
13,800.0	90.40	359.60	11,063.9	1,738.7	668.0	1,734.0	0.00	0.00	0.00
13,900.0	90.40	359.60	11,063.2	1,838.7	667.3	1,834.0	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3574.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3574.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned 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)
14,000.0	90.40	359.60	11,062.5	1,938.7	666.6	1,934.0	0.00	0.00	0.00
14,100.0	90.40	359.60	11,061.8	2,038.7	665.9	2,034.0	0.00	0.00	0.00
14,200.0	90.40	359.60	11,061.1	2,138.7	665.2	2,134.0	0.00	0.00	0.00
14,300.0	90.40	359.60	11,060.4	2,238.7	664.5	2,234.0	0.00	0.00	0.00
14,400.0	90.40	359.60	11,059.7	2,338.7	663.7	2,334.0	0.00	0.00	0.00
14,500.0	90.40	359.60	11,059.0	2,438.7	663.0	2,434.0	0.00	0.00	0.00
14,600.0	90.40	359.60	11,058.3	2,538.7	662.3	2,534.0	0.00	0.00	0.00
14,700.0	90.40	359.60	11,057.6	2,638.7	661.6	2,634.0	0.00	0.00	0.00
14,800.0	90.40	359.60	11,056.9	2,738.7	660.9	2,734.0	0.00	0.00	0.00
14,900.0	90.40	359.60	11,056.2	2,838.7	660.2	2,834.0	0.00	0.00	0.00
15,000.0	90.40	359.60	11,055.5	2,938.7	659.5	2,934.0	0.00	0.00	0.00
15,100.0	90.40	359.60	11,054.8	3,038.7	658.8	3,034.0	0.00	0.00	0.00
15,200.0	90.40	359.60	11,054.1	3,138.6	658.1	3,134.0	0.00	0.00	0.00
15,300.0	90.40	359.60	11,053.4	3,238.6	657.4	3,234.0	0.00	0.00	0.00
15,400.0	90.40	359.60	11,052.7	3,338.6	656.7	3,334.0	0.00	0.00	0.00
15,500.0	90.40	359.60	11,052.0	3,438.6	656.0	3,434.0	0.00	0.00	0.00
15,600.0	90.40	359.60	11,051.3	3,538.6	655.3	3,534.0	0.00	0.00	0.00
15,700.0	90.40	359.60	11,050.6	3,638.6	654.6	3,634.0	0.00	0.00	0.00
15,800.0	90.40	359.60	11,049.9	3,738.6	653.9	3,734.0	0.00	0.00	0.00
15,900.0	90.40	359.60	11,049.2	3,838.6	653.2	3,834.0	0.00	0.00	0.00
16,000.0	90.40	359.60	11,048.5	3,938.6	652.5	3,934.0	0.00	0.00	0.00
16,100.0	90.40	359.60	11,047.8	4,038.6	651.8	4,034.0	0.00	0.00	0.00
16,200.0	90.40	359.60	11,047.1	4,138.6	651.1	4,134.0	0.00	0.00	0.00
16,300.0	90.40	359.60	11,046.4	4,238.6	650.4	4,233.9	0.00	0.00	0.00
16,400.0	90.40	359.60	11,045.7	4,338.6	649.7	4,333.9	0.00	0.00	0.00
16,500.0	90.40	359.60	11,045.0	4,438.6	649.0	4,433.9	0.00	0.00	0.00
16,600.0	90.40	359.60	11,044.3	4,538.6	648.3	4,533.9	0.00	0.00	0.00
16,700.0	90.40	359.60	11,043.6	4,638.6	647.6	4,633.9	0.00	0.00	0.00
16,800.0	90.40	359.60	11,042.9	4,738.6	646.9	4,733.9	0.00	0.00	0.00
16,900.0	90.40	359.60	11,042.2	4,838.6	646.1	4,833.9	0.00	0.00	0.00
17,000.0	90.40	359.60	11,041.5	4,938.6	645.4	4,933.9	0.00	0.00	0.00
17,100.0	90.40	359.60	11,040.8	5,038.6	644.7	5,033.9	0.00	0.00	0.00
17,200.0	90.40	359.60	11,040.1	5,138.5	644.0	5,133.9	0.00	0.00	0.00
17,300.0	90.40	359.60	11,039.4	5,238.5	643.3	5,233.9	0.00	0.00	0.00
17,400.0	90.40	359.60	11,038.7	5,338.5	642.6	5,333.9	0.00	0.00	0.00
17,500.0	90.40	359.60	11,038.0	5,438.5	641.9	5,433.9	0.00	0.00	0.00
17,600.0	90.40	359.60	11,037.3	5,538.5	641.2	5,533.9	0.00	0.00	0.00
17,700.0	90.40	359.60	11,036.6	5,638.5	640.5	5,633.9	0.00	0.00	0.00
17,800.0	90.40	359.60	11,035.9	5,738.5	639.8	5,733.9	0.00	0.00	0.00
17,900.0	90.40	359.60	11,035.3	5,838.5	639.1	5,833.9	0.00	0.00	0.00
18,000.0	90.40	359.60	11,034.6	5,938.5	638.4	5,933.9	0.00	0.00	0.00
18,100.0	90.40	359.60	11,033.9	6,038.5	637.7	6,033.9	0.00	0.00	0.00
18,200.0	90.40	359.60	11,033.2	6,138.5	637.0	6,133.9	0.00	0.00	0.00
18,300.0	90.40	359.60	11,032.5	6,238.5	636.3	6,233.9	0.00	0.00	0.00
18,400.0	90.40	359.60	11,031.8	6,338.5	635.6	6,333.9	0.00	0.00	0.00
18,500.0	90.40	359.60	11,031.1	6,438.5	634.9	6,433.9	0.00	0.00	0.00
18,600.0	90.40	359.60	11,030.4	6,538.5	634.2	6,533.9	0.00	0.00	0.00
18,700.0	90.40	359.60	11,029.7	6,638.5	633.5	6,633.9	0.00	0.00	0.00
18,800.0	90.40	359.60	11,029.0	6,738.5	632.8	6,733.9	0.00	0.00	0.00
18,900.0	90.40	359.60	11,028.3	6,838.5	632.1	6,833.9	0.00	0.00	0.00
19,000.0	90.40	359.60	11,027.6	6,938.5	631.4	6,933.9	0.00	0.00	0.00
19,100.0	90.40	359.60	11,026.9	7,038.5	630.7	7,033.9	0.00	0.00	0.00
19,200.0	90.40	359.60	11,026.2	7,138.4	630.0	7,133.9	0.00	0.00	0.00
19,300.0	90.40	359.60	11,025.5	7,238.4	629.3	7,233.9	0.00	0.00	0.00



Intrepid Planning Report



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Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3574.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3574.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned 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)	
19,400.0	90.40	359.60	11,024.8	7,338.4	628.5	7,333.9	0.00	0.00	0.00	
19,500.0	90.40	359.60	11,024.1	7,438.4	627.8	7,433.9	0.00	0.00	0.00	
19,600.0	90.40	359.60	11,023.4	7,538.4	627.1	7,533.9	0.00	0.00	0.00	
19,700.0	90.40	359.60	11,022.7	7,638.4	626.4	7,633.9	0.00	0.00	0.00	
19,800.0	90.40	359.60	11,022.0	7,738.4	625.7	7,733.9	0.00	0.00	0.00	
19,900.0	90.40	359.60	11,021.3	7,838.4	625.0	7,833.9	0.00	0.00	0.00	
20,000.0	90.40	359.60	11,020.6	7,938.4	624.3	7,933.9	0.00	0.00	0.00	
20,100.0	90.40	359.60	11,019.9	8,038.4	623.6	8,033.9	0.00	0.00	0.00	
20,200.0	90.40	359.60	11,019.2	8,138.4	622.9	8,133.9	0.00	0.00	0.00	
20,300.0	90.40	359.60	11,018.5	8,238.4	622.2	8,233.9	0.00	0.00	0.00	
20,400.0	90.40	359.60	11,017.8	8,338.4	621.5	8,333.8	0.00	0.00	0.00	
20,500.0	90.40	359.60	11,017.1	8,438.4	620.8	8,433.8	0.00	0.00	0.00	
20,600.0	90.40	359.60	11,016.4	8,538.4	620.1	8,533.8	0.00	0.00	0.00	
20,700.0	90.40	359.60	11,015.7	8,638.4	619.4	8,633.8	0.00	0.00	0.00	
20,800.0	90.40	359.60	11,015.0	8,738.4	618.7	8,733.8	0.00	0.00	0.00	
20,900.0	90.40	359.60	11,014.3	8,838.4	618.0	8,833.8	0.00	0.00	0.00	
21,000.0	90.40	359.60	11,013.6	8,938.4	617.3	8,933.8	0.00	0.00	0.00	
21,100.0	90.40	359.60	11,012.9	9,038.4	616.6	9,033.8	0.00	0.00	0.00	
21,200.0	90.40	359.60	11,012.2	9,138.4	615.9	9,133.8	0.00	0.00	0.00	
21,300.0	90.40	359.60	11,011.5	9,238.3	615.2	9,233.8	0.00	0.00	0.00	
21,400.0	90.40	359.60	11,010.8	9,338.3	614.5	9,333.8	0.00	0.00	0.00	
21,466.7	90.40	359.60	11,010.4	9,405.0	614.0	9,400.5	0.00	0.00	0.00	
TD at 21466.7										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
LTP (Prometheus Stat - hit/miss target - Shape - Point	0.00	0.00	11,010.4	9,335.0	615.0	446,292.00	778,774.00	32° 13' 28.563 N	103° 33' 55.843 W	- plan misses target center by 0.7usft at 21396.7usft MD (11010.9 TVD, 9335.0 N, 614.5 E)
PBHL (Prometheus St: - plan hits target center - Rectangle (sides W100.0 H10,426.0 D30.0)	-0.40	359.60	11,010.4	9,405.0	614.0	446,362.00	778,773.00	32° 13' 29.256 N	103° 33' 55.849 W	
FTP (Prometheus Stat - plan misses target center by 196.1usft at 11128.1usft MD (10951.0 TVD, -895.4 N, 771.9 E) - Point	0.00	0.00	11,076.0	-1,021.0	688.0	435,936.00	778,847.00	32° 11' 46.083 N	103° 33' 55.855 W	



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3574.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3574.0usft
Site:	(Promethus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,222.0	1,222.0	Rustler Anhydrite				
1,678.1	1,678.0	Top Salt				
5,021.0	4,965.0	Base Salt				
5,273.9	5,213.0	Delaware Mountain Gp				
5,284.1	5,223.0	Lamar				
5,302.5	5,241.0	Bell Canyon				
5,323.9	5,262.0	Ramsey Sand				
6,454.0	6,370.0	Cherry Canyon				
7,753.4	7,644.0	Brushy Canyon				
9,293.4	9,168.0	Bone Spring Lime				
9,385.4	9,260.0	Upper Avalon				
9,559.4	9,434.0	Middle Avalon				
9,932.4	9,807.0	Lower Avalon				
10,273.4	10,148.0	1st Bone Spring Sand				
10,567.4	10,442.0	2nd Bone Spring Carb				
11,034.0	10,883.0	2nd Bone Spring Sand				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,400.0	1,400.0	0.0	0.0	NUDGE - Build 1.00	
2,534.7	2,527.3	-89.7	67.0	HOLD - 5656.0 at 2534.7 MD	
8,190.7	8,072.7	-981.3	733.0	DROP - -1.00	
9,325.4	9,200.0	-1,071.0	800.0	HOLD - 1359.0 at 9325.4 MD	
10,684.4	10,559.0	-1,071.0	800.0	KOP - Build 11.00	
11,506.2	11,079.9	-553.1	717.0	EOC/TRN - DLS 2.00 TFO 89.97	
11,941.0	11,076.8	-120.2	681.1	Start 9525.7 hold at 11941.0 MD	
21,466.7	11,010.4	9,405.0	614.0	TD at 21466.7	

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 107672

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 107672
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	5/23/2022