

Submit a Copy To Appropriate District
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. 30-025-48729
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 135H
9. OGRID Number 372043
10. Pool name or Wildcat WC-025 G-08 S243310P; UPPER WOLFCAMP

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>1153</u> feet from the <u>South</u> line and <u>124</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	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☒ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: Target Formation ☒	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ 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 Operating is requesting permission to change the target formation from the Triple X bone Spring; West to the WC-025 G-08 S243310P; Upper Wolfcamp. Please see the attached C-102 for more detail.

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

SIGNATURE  TITLE Regulatory Analyst DATE 10/13/2021

Type or print name Bill Ramsey E-mail address: bramsey@taprk.com PHONE: 720-238-2787

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48729	² Pool Code 98135	³ Pool Name WC-025 G-08 S243310P; UPPER WOLFCAMP
⁴ Property Code 330700	⁵ Property Name PROMETHEUS STATE COM	
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁶ Well Number 135H ⁹ Elevation 3549'

¹⁰Surface Location

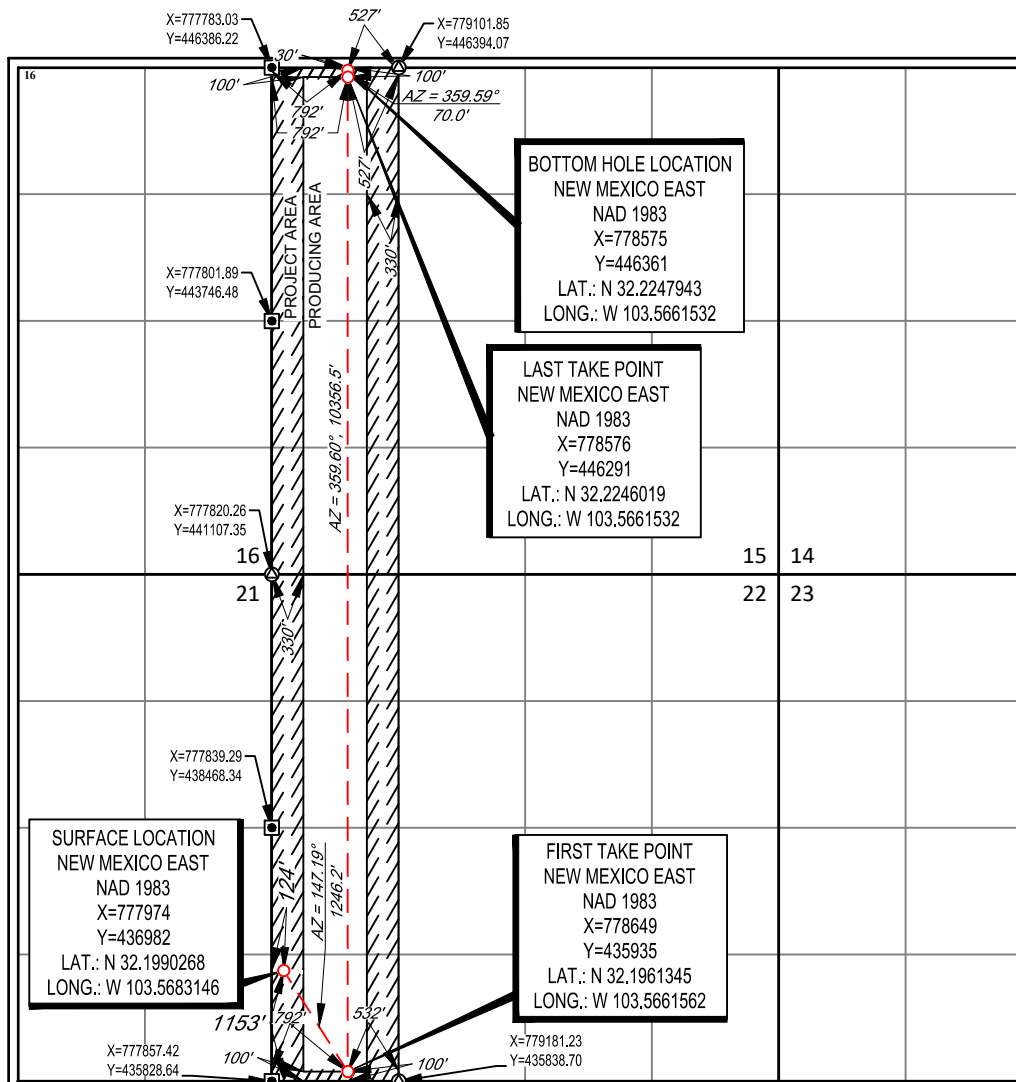
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	24-S	33-E	-	1153'	SOUTH	124'	WEST	LEA

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	792'	WEST	LEA

¹² Dedicated Acres 320	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

9/29/2021

Signature

Date

Bill Ramsey

Printed Name

bramsey@taprk.com

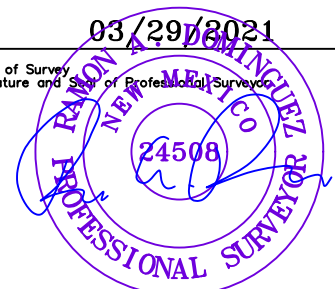
E-mail Address

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.

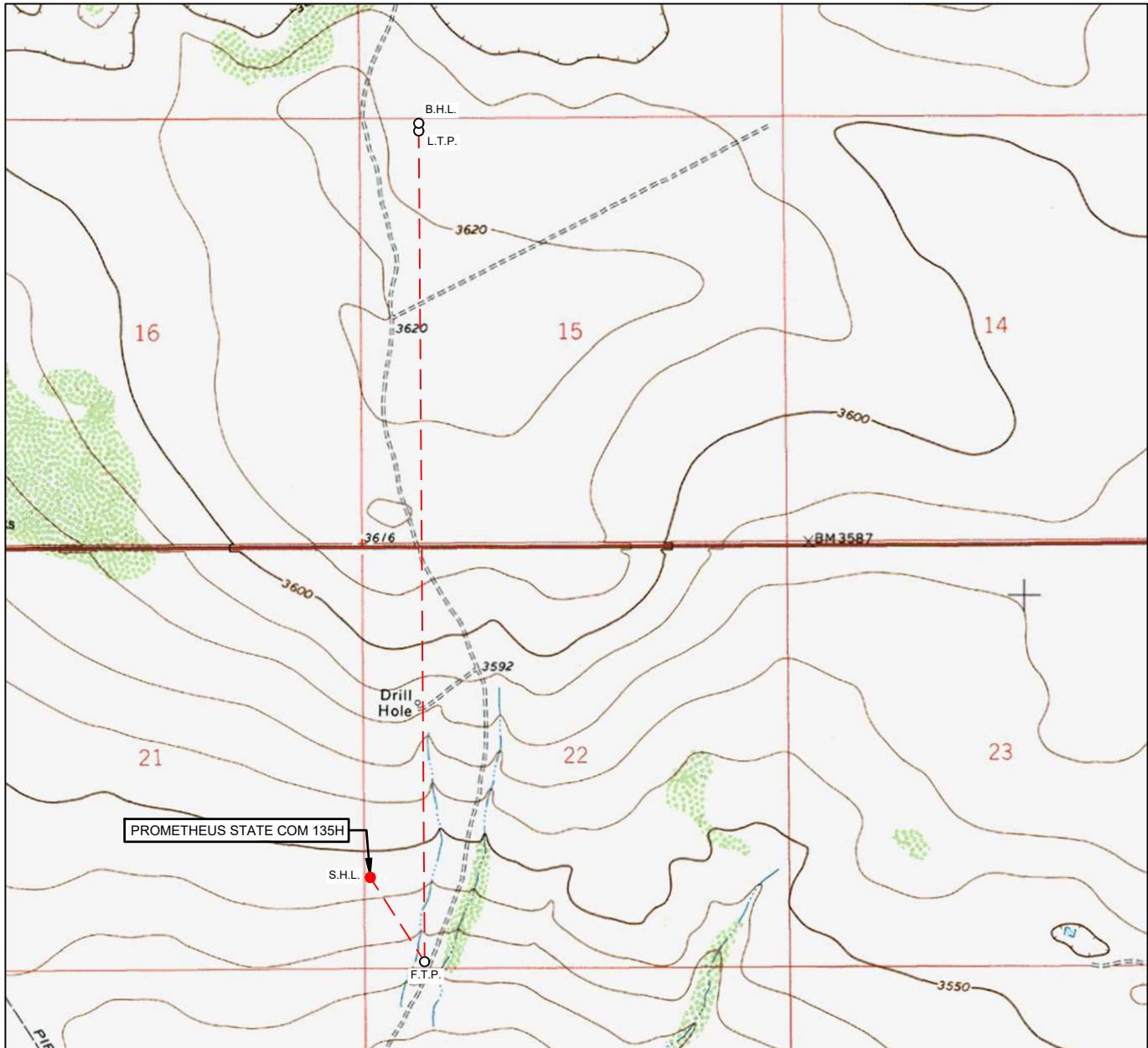
03/29/2021

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number

LOCATION & ELEVATION VERIFICATION MAP

LEASE NAME & WELL NO.: PROMETHEUS STATE COM 135H

SECTION 22 TWP 24-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3549'
 DESCRIPTION 1153' FSL & 124' FWL

LATITUDE N 32.1990268 LONGITUDE W 103.5683146

SCALE: 1" = 2000'
 0' 1000' 2000'

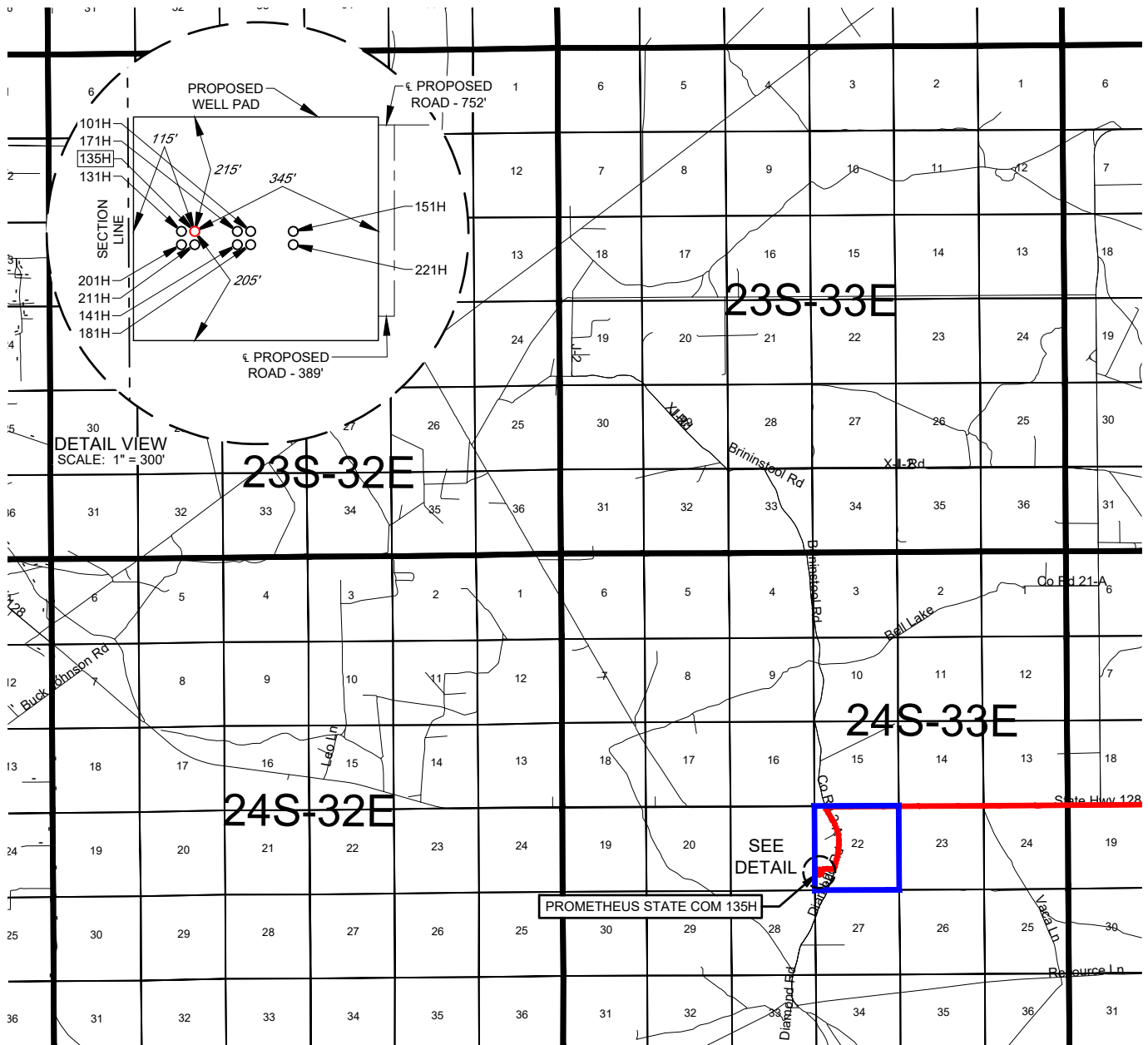
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.



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

EXHIBIT 2
VICINITY MAPLEASE NAME & WELL NO.: PROMETHEUS STATE COM 135HSECTION 22 TWP 24-S RGE 33-E SURVEY N.M.P.M.COUNTY LEA STATE NMDESCRIPTION 1153' FSL & 124' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-128. & DELAWARE BASIN RD., GO WEST ON NM-128
 ±3.3 MILES. THENCE SOUTH (LEFT) ON DIAMOND RD./J-2 ±0.8 MILES,
 THENCE WEST (RIGHT) ON A PROPOSED RD. ±752 FEET TO A POINT
 ±399 FEET NORTHEAST OF THE LOCATION.

THIS EASEMENT/SERVITUDE 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.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW
 MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.



SCALE: 1" = 10000'
 0' 5000' 10000'

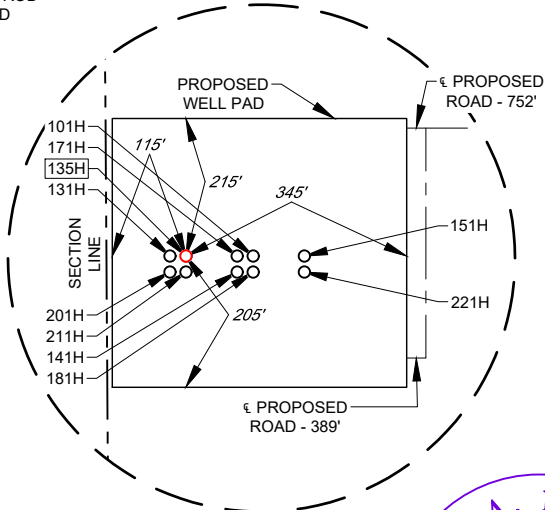
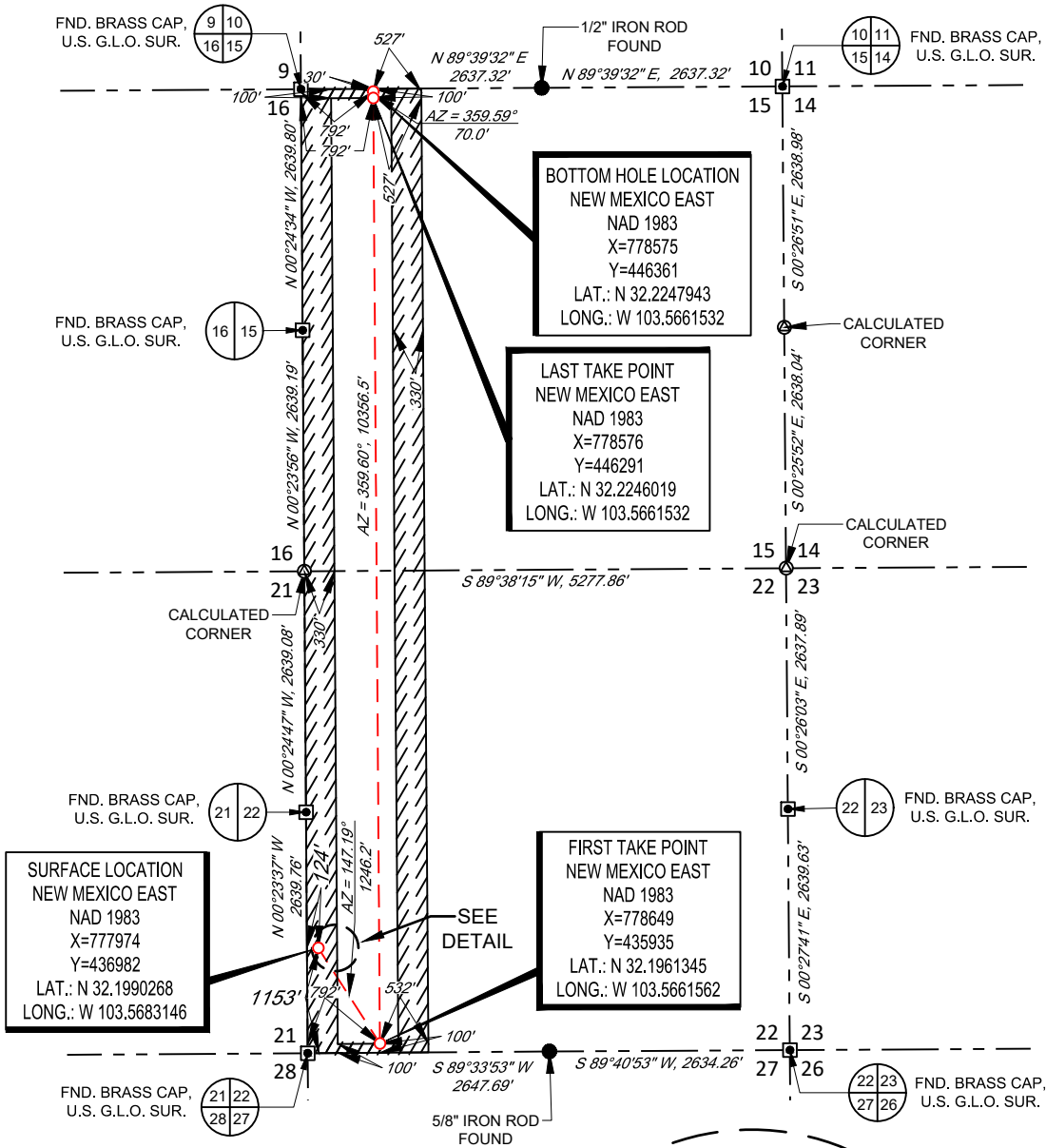


TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY

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

TAP
ROCK
EXHIBIT 2A

SECTION 22, TOWNSHIP 24-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: _____ PROMETHEUS STATE COM 135H

SECTION 22 TWP 24-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1153' FSL & 124' FWL

DISTANCE & DIRECTION
FROM INT. OF NM-128. & DELAWARE BASIN RD.. GO WEST ON NM-128
±3.3 MILES. THENCE SOUTH (LEFT) ON DIAMOND RD./J-2 ±0.8 MILES.
THENCE WEST (RIGHT) ON A PROPOSED RD. ±752 FEET TO A POINT
±399 FEET NORTHEAST OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY
FEET.
THIS EASEMENT/SERVITUDE 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.



Ramon A. Dominguez, P.S. No. 24508
September 9, 2021

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

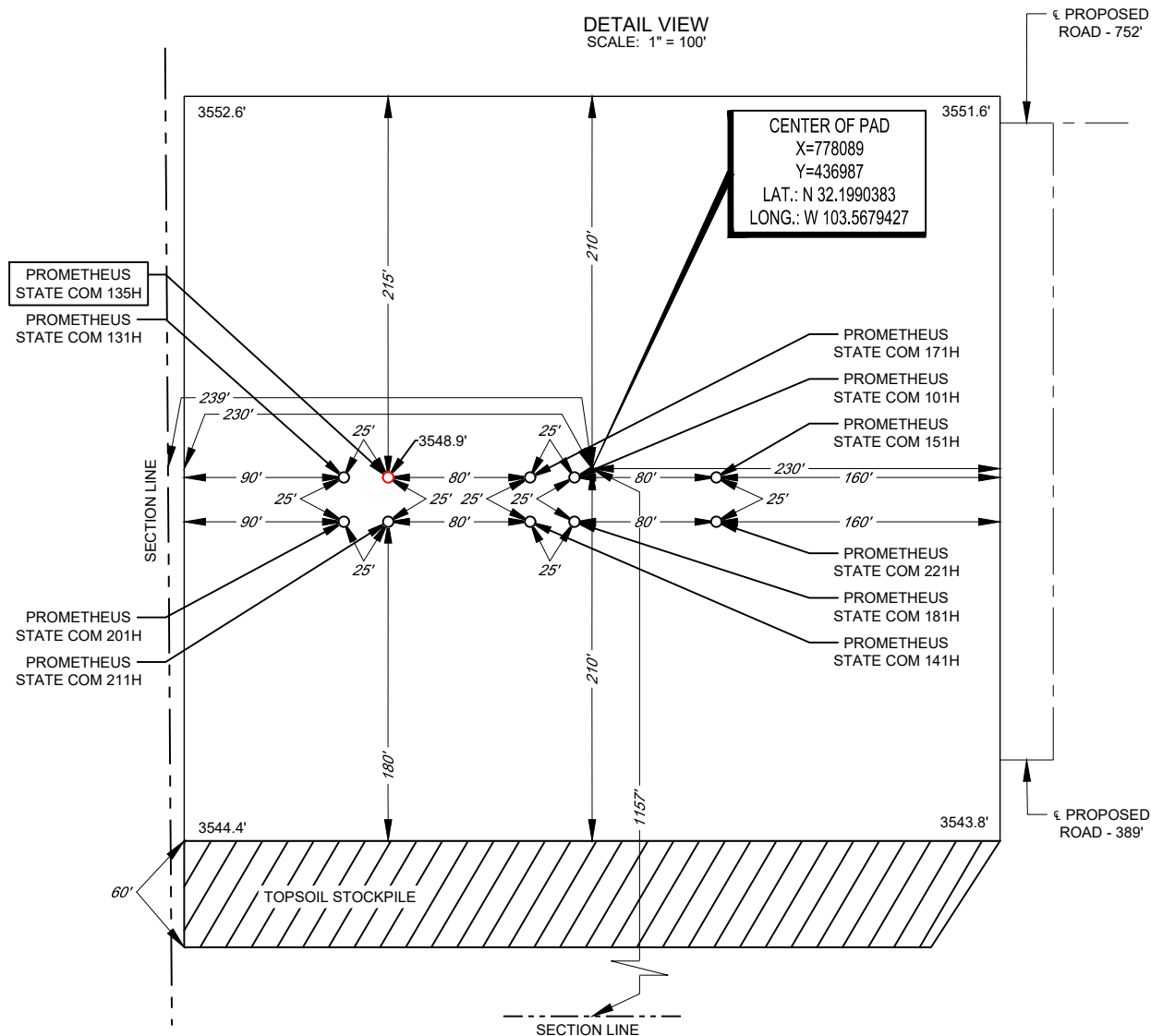


SECTION 22, TOWNSHIP 24-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEGEND

 SECTION LINE
 PROPOSED ROAD

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: PROMETHEUS STATE COM 135H
135H LATITUDE N 32.1990268 135H LONGITUDE W 103.5683146

CENTER OF PAD IS 1157' FSL & 239' FWL



Ramon A. Dominguez, P.S. No. 24508



SCALE: 1" = 100'



0' 50' 100'

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

THIS PROPOSED PAD SITE 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. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"



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



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Prometheus State) Sec-22_T-24-S_R-34-E
Prometheus State Com #135H**

OWB

Plan: Plan #2

Standard Planning Report

04 October, 2021





Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Promethus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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
From:	Map	Easting:	778,079.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 11' 56.488 N
		Longitude:	103° 34' 4.705 W
		Grid Convergence:	0.41 °

Well	Prometheus State Com #135H		
Well Position	+N/-S	0.0 usft	Northing: 436,982.00 usft
	+E/-W	-105.0 usft	Easting: 777,974.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 11' 56.495 N
			Longitude: 103° 34' 5.927 W
			Ground Level: 3,549.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	04/08/21	6.54	59.99	47,531.38280131

Design	Plan #2			
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	359.59

Plan Survey Tool Program	Date	10/04/21		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,861.3 Plan #2 (OWB)	MWD	
			OWSG MWD - Standard	

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	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,799.8	10.00	148.38	2,794.8	-74.1	45.6	1.00	1.00	0.00	148.38	
9,217.8	10.00	148.38	9,115.2	-1,022.9	629.9	0.00	0.00	0.00	0.00	
10,217.6	0.00	0.01	10,110.0	-1,097.0	675.5	1.00	-1.00	0.00	180.00	
12,057.6	0.00	0.01	11,950.0	-1,097.0	675.5	0.00	0.00	0.00	0.01	
12,962.6	90.50	359.59	12,522.9	-519.0	671.4	10.00	10.00	-0.05	359.59	
22,861.3	90.50	359.59	12,436.2	9,379.0	601.0	0.00	0.00	0.00	0.00	PBHL (Prometheus)



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	1.00	148.38	1,900.0	-0.7	0.5	-0.7	1.00	1.00	0.00
2,000.0	2.00	148.38	2,000.0	-3.0	1.8	-3.0	1.00	1.00	0.00
2,100.0	3.00	148.38	2,099.9	-6.7	4.1	-6.7	1.00	1.00	0.00
2,200.0	4.00	148.38	2,199.7	-11.9	7.3	-11.9	1.00	1.00	0.00
2,300.0	5.00	148.38	2,299.4	-18.6	11.4	-18.6	1.00	1.00	0.00
2,400.0	6.00	148.38	2,398.9	-26.7	16.5	-26.8	1.00	1.00	0.00
2,500.0	7.00	148.38	2,498.3	-36.4	22.4	-36.5	1.00	1.00	0.00
2,600.0	8.00	148.38	2,597.4	-47.5	29.2	-47.7	1.00	1.00	0.00
2,700.0	9.00	148.38	2,696.3	-60.1	37.0	-60.3	1.00	1.00	0.00
2,799.8	10.00	148.38	2,794.8	-74.1	45.6	-74.4	1.00	1.00	0.00
2,900.0	10.00	148.38	2,893.4	-88.9	54.7	-89.3	0.00	0.00	0.00
3,000.0	10.00	148.38	2,991.9	-103.7	63.8	-104.1	0.00	0.00	0.00
3,100.0	10.00	148.38	3,090.4	-118.5	73.0	-119.0	0.00	0.00	0.00
3,200.0	10.00	148.38	3,188.9	-133.3	82.1	-133.8	0.00	0.00	0.00
3,300.0	10.00	148.38	3,287.3	-148.0	91.2	-148.7	0.00	0.00	0.00
3,400.0	10.00	148.38	3,385.8	-162.8	100.3	-163.5	0.00	0.00	0.00
3,500.0	10.00	148.38	3,484.3	-177.6	109.4	-178.4	0.00	0.00	0.00
3,600.0	10.00	148.38	3,582.8	-192.4	118.5	-193.2	0.00	0.00	0.00
3,700.0	10.00	148.38	3,681.3	-207.2	127.6	-208.1	0.00	0.00	0.00
3,800.0	10.00	148.38	3,779.7	-222.0	136.7	-222.9	0.00	0.00	0.00
3,900.0	10.00	148.38	3,878.2	-236.7	145.8	-237.8	0.00	0.00	0.00
4,000.0	10.00	148.38	3,976.7	-251.5	154.9	-252.6	0.00	0.00	0.00
4,100.0	10.00	148.38	4,075.2	-266.3	164.0	-267.5	0.00	0.00	0.00
4,200.0	10.00	148.38	4,173.7	-281.1	173.1	-282.3	0.00	0.00	0.00
4,300.0	10.00	148.38	4,272.2	-295.9	182.2	-297.2	0.00	0.00	0.00
4,400.0	10.00	148.38	4,370.6	-310.7	191.3	-312.0	0.00	0.00	0.00
4,500.0	10.00	148.38	4,469.1	-325.4	200.4	-326.9	0.00	0.00	0.00
4,600.0	10.00	148.38	4,567.6	-340.2	209.5	-341.7	0.00	0.00	0.00
4,700.0	10.00	148.38	4,666.1	-355.0	218.6	-356.6	0.00	0.00	0.00
4,800.0	10.00	148.38	4,764.6	-369.8	227.7	-371.4	0.00	0.00	0.00
4,900.0	10.00	148.38	4,863.0	-384.6	236.8	-386.3	0.00	0.00	0.00
5,000.0	10.00	148.38	4,961.5	-399.4	245.9	-401.1	0.00	0.00	0.00
5,100.0	10.00	148.38	5,060.0	-414.1	255.0	-416.0	0.00	0.00	0.00
5,200.0	10.00	148.38	5,158.5	-428.9	264.1	-430.8	0.00	0.00	0.00
5,300.0	10.00	148.38	5,257.0	-443.7	273.2	-445.7	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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)
5,400.0	10.00	148.38	5,355.4	-458.5	282.3	-460.5	0.00	0.00	0.00
5,500.0	10.00	148.38	5,453.9	-473.3	291.4	-475.4	0.00	0.00	0.00
5,600.0	10.00	148.38	5,552.4	-488.1	300.5	-490.2	0.00	0.00	0.00
5,700.0	10.00	148.38	5,650.9	-502.8	309.6	-505.1	0.00	0.00	0.00
5,800.0	10.00	148.38	5,749.4	-517.6	318.7	-519.9	0.00	0.00	0.00
5,900.0	10.00	148.38	5,847.9	-532.4	327.8	-534.7	0.00	0.00	0.00
6,000.0	10.00	148.38	5,946.3	-547.2	336.9	-549.6	0.00	0.00	0.00
6,100.0	10.00	148.38	6,044.8	-562.0	346.1	-564.4	0.00	0.00	0.00
6,200.0	10.00	148.38	6,143.3	-576.8	355.2	-579.3	0.00	0.00	0.00
6,300.0	10.00	148.38	6,241.8	-591.6	364.3	-594.1	0.00	0.00	0.00
6,400.0	10.00	148.38	6,340.3	-606.3	373.4	-609.0	0.00	0.00	0.00
6,500.0	10.00	148.38	6,438.7	-621.1	382.5	-623.8	0.00	0.00	0.00
6,600.0	10.00	148.38	6,537.2	-635.9	391.6	-638.7	0.00	0.00	0.00
6,700.0	10.00	148.38	6,635.7	-650.7	400.7	-653.5	0.00	0.00	0.00
6,800.0	10.00	148.38	6,734.2	-665.5	409.8	-668.4	0.00	0.00	0.00
6,900.0	10.00	148.38	6,832.7	-680.3	418.9	-683.2	0.00	0.00	0.00
7,000.0	10.00	148.38	6,931.1	-695.0	428.0	-698.1	0.00	0.00	0.00
7,100.0	10.00	148.38	7,029.6	-709.8	437.1	-712.9	0.00	0.00	0.00
7,200.0	10.00	148.38	7,128.1	-724.6	446.2	-727.8	0.00	0.00	0.00
7,300.0	10.00	148.38	7,226.6	-739.4	455.3	-742.6	0.00	0.00	0.00
7,400.0	10.00	148.38	7,325.1	-754.2	464.4	-757.5	0.00	0.00	0.00
7,500.0	10.00	148.38	7,423.6	-769.0	473.5	-772.3	0.00	0.00	0.00
7,600.0	10.00	148.38	7,522.0	-783.7	482.6	-787.2	0.00	0.00	0.00
7,700.0	10.00	148.38	7,620.5	-798.5	491.7	-802.0	0.00	0.00	0.00
7,800.0	10.00	148.38	7,719.0	-813.3	500.8	-816.9	0.00	0.00	0.00
7,900.0	10.00	148.38	7,817.5	-828.1	509.9	-831.7	0.00	0.00	0.00
8,000.0	10.00	148.38	7,916.0	-842.9	519.0	-846.6	0.00	0.00	0.00
8,100.0	10.00	148.38	8,014.4	-857.7	528.1	-861.4	0.00	0.00	0.00
8,200.0	10.00	148.38	8,112.9	-872.4	537.2	-876.3	0.00	0.00	0.00
8,300.0	10.00	148.38	8,211.4	-887.2	546.3	-891.1	0.00	0.00	0.00
8,400.0	10.00	148.38	8,309.9	-902.0	555.4	-906.0	0.00	0.00	0.00
8,500.0	10.00	148.38	8,408.4	-916.8	564.5	-920.8	0.00	0.00	0.00
8,600.0	10.00	148.38	8,506.8	-931.6	573.6	-935.7	0.00	0.00	0.00
8,700.0	10.00	148.38	8,605.3	-946.4	582.7	-950.5	0.00	0.00	0.00
8,800.0	10.00	148.38	8,703.8	-961.1	591.8	-965.4	0.00	0.00	0.00
8,900.0	10.00	148.38	8,802.3	-975.9	600.9	-980.2	0.00	0.00	0.00
9,000.0	10.00	148.38	8,900.8	-990.7	610.1	-995.1	0.00	0.00	0.00
9,100.0	10.00	148.38	8,999.3	-1,005.5	619.2	-1,009.9	0.00	0.00	0.00
9,200.0	10.00	148.38	9,097.7	-1,020.3	628.3	-1,024.7	0.00	0.00	0.00
9,217.8	10.00	148.38	9,115.2	-1,022.9	629.9	-1,027.4	0.00	0.00	0.00
9,300.0	9.18	148.38	9,196.3	-1,034.6	637.1	-1,039.1	1.00	-1.00	0.00
9,400.0	8.18	148.38	9,295.2	-1,047.4	645.0	-1,052.0	1.00	-1.00	0.00
9,500.0	7.18	148.38	9,394.3	-1,058.8	652.0	-1,063.4	1.00	-1.00	0.00
9,600.0	6.18	148.38	9,493.6	-1,068.7	658.1	-1,073.4	1.00	-1.00	0.00
9,700.0	5.18	148.38	9,593.1	-1,077.1	663.2	-1,081.8	1.00	-1.00	0.00
9,800.0	4.18	148.38	9,692.8	-1,084.0	667.5	-1,088.8	1.00	-1.00	0.00
9,900.0	3.18	148.38	9,792.6	-1,089.5	670.9	-1,094.3	1.00	-1.00	0.00
10,000.0	2.18	148.38	9,892.5	-1,093.5	673.3	-1,098.3	1.00	-1.00	0.00
10,100.0	1.18	148.38	9,992.4	-1,096.0	674.9	-1,100.8	1.00	-1.00	0.00
10,200.0	0.18	148.38	10,092.4	-1,097.0	675.5	-1,101.8	1.00	-1.00	0.00
10,217.6	0.00	0.01	10,110.0	-1,097.0	675.5	-1,101.8	1.00	-1.00	0.00
10,300.0	0.00	0.00	10,192.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
10,400.0	0.00	0.00	10,292.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
10,500.0	0.00	0.00	10,392.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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)
10,600.0	0.00	0.00	10,492.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
10,700.0	0.00	0.00	10,592.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
10,800.0	0.00	0.00	10,692.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
10,900.0	0.00	0.00	10,792.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,000.0	0.00	0.00	10,892.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,100.0	0.00	0.00	10,992.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,200.0	0.00	0.00	11,092.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,300.0	0.00	0.00	11,192.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,400.0	0.00	0.00	11,292.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,500.0	0.00	0.00	11,392.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,600.0	0.00	0.00	11,492.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,700.0	0.00	0.00	11,592.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,800.0	0.00	0.00	11,692.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
11,900.0	0.00	0.00	11,792.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
12,000.0	0.00	0.00	11,892.4	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
12,057.6	0.00	0.01	11,950.0	-1,097.0	675.5	-1,101.8	0.00	0.00	0.00
12,100.0	4.24	359.59	11,992.4	-1,095.4	675.5	-1,100.2	10.00	10.00	0.00
12,150.0	9.24	359.59	12,042.0	-1,089.6	675.4	-1,094.4	10.00	10.00	0.00
12,200.0	14.24	359.59	12,090.9	-1,079.4	675.4	-1,084.2	10.00	10.00	0.00
12,250.0	19.24	359.59	12,138.8	-1,065.0	675.3	-1,069.8	10.00	10.00	0.00
12,300.0	24.24	359.59	12,185.2	-1,046.5	675.1	-1,051.3	10.00	10.00	0.00
12,350.0	29.24	359.59	12,229.9	-1,024.0	675.0	-1,028.8	10.00	10.00	0.00
12,400.0	34.24	359.59	12,272.4	-997.7	674.8	-1,002.5	10.00	10.00	0.00
12,450.0	39.24	359.59	12,312.4	-967.8	674.6	-972.6	10.00	10.00	0.00
12,500.0	44.24	359.59	12,349.7	-934.5	674.3	-939.3	10.00	10.00	0.00
12,550.0	49.24	359.59	12,384.0	-898.1	674.1	-902.9	10.00	10.00	0.00
12,600.0	54.24	359.59	12,414.9	-858.9	673.8	-863.7	10.00	10.00	0.00
12,650.0	59.24	359.59	12,442.4	-817.1	673.5	-821.9	10.00	10.00	0.00
12,700.0	64.24	359.59	12,466.0	-773.1	673.2	-777.9	10.00	10.00	0.00
12,750.0	69.24	359.59	12,485.8	-727.1	672.9	-731.9	10.00	10.00	0.00
12,800.0	74.24	359.59	12,501.4	-679.7	672.5	-684.5	10.00	10.00	0.00
12,850.0	79.24	359.59	12,512.9	-631.0	672.2	-635.8	10.00	10.00	0.00
12,900.0	84.24	359.59	12,520.1	-581.6	671.8	-586.4	10.00	10.00	0.00
12,950.0	89.24	359.59	12,522.9	-531.7	671.5	-536.4	10.00	10.00	0.00
12,962.6	90.50	359.59	12,522.9	-519.0	671.4	-523.8	10.00	10.00	0.00
13,000.0	90.50	359.59	12,522.6	-481.7	671.1	-486.5	0.00	0.00	0.00
13,100.0	90.50	359.59	12,521.7	-381.7	670.4	-386.5	0.00	0.00	0.00
13,200.0	90.50	359.59	12,520.9	-281.7	669.7	-286.5	0.00	0.00	0.00
13,300.0	90.50	359.59	12,520.0	-181.7	669.0	-186.5	0.00	0.00	0.00
13,400.0	90.50	359.59	12,519.1	-81.7	668.3	-86.5	0.00	0.00	0.00
13,500.0	90.50	359.59	12,518.2	18.3	667.6	13.5	0.00	0.00	0.00
13,600.0	90.50	359.59	12,517.4	118.3	666.9	113.5	0.00	0.00	0.00
13,700.0	90.50	359.59	12,516.5	218.3	666.1	213.5	0.00	0.00	0.00
13,800.0	90.50	359.59	12,515.6	318.3	665.4	313.5	0.00	0.00	0.00
13,900.0	90.50	359.59	12,514.7	418.3	664.7	413.5	0.00	0.00	0.00
14,000.0	90.50	359.59	12,513.8	518.3	664.0	513.5	0.00	0.00	0.00
14,100.0	90.50	359.59	12,513.0	618.3	663.3	613.5	0.00	0.00	0.00
14,200.0	90.50	359.59	12,512.1	718.3	662.6	713.5	0.00	0.00	0.00
14,300.0	90.50	359.59	12,511.2	818.3	661.9	813.5	0.00	0.00	0.00
14,400.0	90.50	359.59	12,510.3	918.3	661.2	913.5	0.00	0.00	0.00
14,500.0	90.50	359.59	12,509.5	1,018.2	660.5	1,013.5	0.00	0.00	0.00
14,600.0	90.50	359.59	12,508.6	1,118.2	659.7	1,113.5	0.00	0.00	0.00
14,700.0	90.50	359.59	12,507.7	1,218.2	659.0	1,213.5	0.00	0.00	0.00
14,800.0	90.50	359.59	12,506.8	1,318.2	658.3	1,313.5	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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)
14,900.0	90.50	359.59	12,506.0	1,418.2	657.6	1,413.5	0.00	0.00	0.00
15,000.0	90.50	359.59	12,505.1	1,518.2	656.9	1,513.5	0.00	0.00	0.00
15,100.0	90.50	359.59	12,504.2	1,618.2	656.2	1,613.5	0.00	0.00	0.00
15,200.0	90.50	359.59	12,503.3	1,718.2	655.5	1,713.5	0.00	0.00	0.00
15,300.0	90.50	359.59	12,502.5	1,818.2	654.8	1,813.5	0.00	0.00	0.00
15,400.0	90.50	359.59	12,501.6	1,918.2	654.1	1,913.5	0.00	0.00	0.00
15,500.0	90.50	359.59	12,500.7	2,018.2	653.3	2,013.5	0.00	0.00	0.00
15,600.0	90.50	359.59	12,499.8	2,118.2	652.6	2,113.4	0.00	0.00	0.00
15,700.0	90.50	359.59	12,498.9	2,218.2	651.9	2,213.4	0.00	0.00	0.00
15,800.0	90.50	359.59	12,498.1	2,318.2	651.2	2,313.4	0.00	0.00	0.00
15,900.0	90.50	359.59	12,497.2	2,418.2	650.5	2,413.4	0.00	0.00	0.00
16,000.0	90.50	359.59	12,496.3	2,518.1	649.8	2,513.4	0.00	0.00	0.00
16,100.0	90.50	359.59	12,495.4	2,618.1	649.1	2,613.4	0.00	0.00	0.00
16,200.0	90.50	359.59	12,494.6	2,718.1	648.4	2,713.4	0.00	0.00	0.00
16,300.0	90.50	359.59	12,493.7	2,818.1	647.7	2,813.4	0.00	0.00	0.00
16,400.0	90.50	359.59	12,492.8	2,918.1	646.9	2,913.4	0.00	0.00	0.00
16,500.0	90.50	359.59	12,491.9	3,018.1	646.2	3,013.4	0.00	0.00	0.00
16,600.0	90.50	359.59	12,491.1	3,118.1	645.5	3,113.4	0.00	0.00	0.00
16,700.0	90.50	359.59	12,490.2	3,218.1	644.8	3,213.4	0.00	0.00	0.00
16,800.0	90.50	359.59	12,489.3	3,318.1	644.1	3,313.4	0.00	0.00	0.00
16,900.0	90.50	359.59	12,488.4	3,418.1	643.4	3,413.4	0.00	0.00	0.00
17,000.0	90.50	359.59	12,487.6	3,518.1	642.7	3,513.4	0.00	0.00	0.00
17,100.0	90.50	359.59	12,486.7	3,618.1	642.0	3,613.4	0.00	0.00	0.00
17,200.0	90.50	359.59	12,485.8	3,718.1	641.3	3,713.4	0.00	0.00	0.00
17,300.0	90.50	359.59	12,484.9	3,818.1	640.5	3,813.4	0.00	0.00	0.00
17,400.0	90.50	359.59	12,484.0	3,918.1	639.8	3,913.4	0.00	0.00	0.00
17,500.0	90.50	359.59	12,483.2	4,018.1	639.1	4,013.4	0.00	0.00	0.00
17,600.0	90.50	359.59	12,482.3	4,118.0	638.4	4,113.4	0.00	0.00	0.00
17,700.0	90.50	359.59	12,481.4	4,218.0	637.7	4,213.4	0.00	0.00	0.00
17,800.0	90.50	359.59	12,480.5	4,318.0	637.0	4,313.4	0.00	0.00	0.00
17,900.0	90.50	359.59	12,479.7	4,418.0	636.3	4,413.4	0.00	0.00	0.00
18,000.0	90.50	359.59	12,478.8	4,518.0	635.6	4,513.4	0.00	0.00	0.00
18,100.0	90.50	359.59	12,477.9	4,618.0	634.9	4,613.4	0.00	0.00	0.00
18,200.0	90.50	359.59	12,477.0	4,718.0	634.1	4,713.3	0.00	0.00	0.00
18,300.0	90.50	359.59	12,476.2	4,818.0	633.4	4,813.3	0.00	0.00	0.00
18,400.0	90.50	359.59	12,475.3	4,918.0	632.7	4,913.3	0.00	0.00	0.00
18,500.0	90.50	359.59	12,474.4	5,018.0	632.0	5,013.3	0.00	0.00	0.00
18,600.0	90.50	359.59	12,473.5	5,118.0	631.3	5,113.3	0.00	0.00	0.00
18,700.0	90.50	359.59	12,472.7	5,218.0	630.6	5,213.3	0.00	0.00	0.00
18,800.0	90.50	359.59	12,471.8	5,318.0	629.9	5,313.3	0.00	0.00	0.00
18,900.0	90.50	359.59	12,470.9	5,418.0	629.2	5,413.3	0.00	0.00	0.00
19,000.0	90.50	359.59	12,470.0	5,518.0	628.5	5,513.3	0.00	0.00	0.00
19,100.0	90.50	359.59	12,469.2	5,618.0	627.7	5,613.3	0.00	0.00	0.00
19,200.0	90.50	359.59	12,468.3	5,717.9	627.0	5,713.3	0.00	0.00	0.00
19,300.0	90.50	359.59	12,467.4	5,817.9	626.3	5,813.3	0.00	0.00	0.00
19,400.0	90.50	359.59	12,466.5	5,917.9	625.6	5,913.3	0.00	0.00	0.00
19,500.0	90.50	359.59	12,465.6	6,017.9	624.9	6,013.3	0.00	0.00	0.00
19,600.0	90.50	359.59	12,464.8	6,117.9	624.2	6,113.3	0.00	0.00	0.00
19,700.0	90.50	359.59	12,463.9	6,217.9	623.5	6,213.3	0.00	0.00	0.00
19,800.0	90.50	359.59	12,463.0	6,317.9	622.8	6,313.3	0.00	0.00	0.00
19,900.0	90.50	359.59	12,462.1	6,417.9	622.1	6,413.3	0.00	0.00	0.00
20,000.0	90.50	359.59	12,461.3	6,517.9	621.3	6,513.3	0.00	0.00	0.00
20,100.0	90.50	359.59	12,460.4	6,617.9	620.6	6,613.3	0.00	0.00	0.00
20,200.0	90.50	359.59	12,459.5	6,717.9	619.9	6,713.3	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

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)	
20,300.0	90.50	359.59	12,458.6	6,817.9	619.2	6,813.3	0.00	0.00	0.00	
20,400.0	90.50	359.59	12,457.8	6,917.9	618.5	6,913.3	0.00	0.00	0.00	
20,500.0	90.50	359.59	12,456.9	7,017.9	617.8	7,013.3	0.00	0.00	0.00	
20,600.0	90.50	359.59	12,456.0	7,117.9	617.1	7,113.3	0.00	0.00	0.00	
20,700.0	90.50	359.59	12,455.1	7,217.8	616.4	7,213.3	0.00	0.00	0.00	
20,800.0	90.50	359.59	12,454.3	7,317.8	615.7	7,313.2	0.00	0.00	0.00	
20,900.0	90.50	359.59	12,453.4	7,417.8	614.9	7,413.2	0.00	0.00	0.00	
21,000.0	90.50	359.59	12,452.5	7,517.8	614.2	7,513.2	0.00	0.00	0.00	
21,100.0	90.50	359.59	12,451.6	7,617.8	613.5	7,613.2	0.00	0.00	0.00	
21,200.0	90.50	359.59	12,450.7	7,717.8	612.8	7,713.2	0.00	0.00	0.00	
21,300.0	90.50	359.59	12,449.9	7,817.8	612.1	7,813.2	0.00	0.00	0.00	
21,400.0	90.50	359.59	12,449.0	7,917.8	611.4	7,913.2	0.00	0.00	0.00	
21,500.0	90.50	359.59	12,448.1	8,017.8	610.7	8,013.2	0.00	0.00	0.00	
21,600.0	90.50	359.59	12,447.2	8,117.8	610.0	8,113.2	0.00	0.00	0.00	
21,700.0	90.50	359.59	12,446.4	8,217.8	609.3	8,213.2	0.00	0.00	0.00	
21,800.0	90.50	359.59	12,445.5	8,317.8	608.5	8,313.2	0.00	0.00	0.00	
21,900.0	90.50	359.59	12,444.6	8,417.8	607.8	8,413.2	0.00	0.00	0.00	
22,000.0	90.50	359.59	12,443.7	8,517.8	607.1	8,513.2	0.00	0.00	0.00	
22,100.0	90.50	359.59	12,442.9	8,617.8	606.4	8,613.2	0.00	0.00	0.00	
22,200.0	90.50	359.59	12,442.0	8,717.8	605.7	8,713.2	0.00	0.00	0.00	
22,300.0	90.50	359.59	12,441.1	8,817.7	605.0	8,813.2	0.00	0.00	0.00	
22,400.0	90.50	359.59	12,440.2	8,917.7	604.3	8,913.2	0.00	0.00	0.00	
22,500.0	90.50	359.59	12,439.4	9,017.7	603.6	9,013.2	0.00	0.00	0.00	
22,600.0	90.50	359.59	12,438.5	9,117.7	602.9	9,113.2	0.00	0.00	0.00	
22,700.0	90.50	359.59	12,437.6	9,217.7	602.1	9,213.2	0.00	0.00	0.00	
22,800.0	90.50	359.59	12,436.7	9,317.7	601.4	9,313.2	0.00	0.00	0.00	
22,861.3	90.50	359.59	12,436.2	9,379.0	601.0	9,374.5	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL (Prometheus Sta - plan hits target center - Rectangle (sides W100.0 H10,426.0 D30.0))	-0.50	359.59	12,436.2	9,379.0	601.0	446,361.00	778,575.00	32° 13' 29.260 N	103° 33' 58.154 W	
LTP (Prometheus Sta - plan misses target center by 0.8usft at 22791.3usft MD (12436.8 TVD, 9309.0 N, 601.5 E) - Point	0.00	0.00	12,436.2	9,309.0	602.0	446,291.00	778,576.00	32° 13' 28.567 N	103° 33' 58.148 W	
FTP (Prometheus Sta - plan misses target center by 199.1usft at 12533.4usft MD (12373.0 TVD, -910.5 N, 674.2 E) - Point	0.00	0.00	12,518.0	-1,047.0	675.0	435,935.00	778,649.00	32° 11' 46.088 N	103° 33' 58.159 W	



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Prometheus State Com #135H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3575.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3575.0usft
Site:	(Prometheus State) Sec-22_T-24-S_R-34-E	North Reference:	Grid
Well:	Prometheus State Com #135H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #2		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,233.0	1,233.0	Rustler Anhydrite			
1,689.0	1,689.0	Top Salt			
5,014.7	4,976.0	Base Salt			
5,266.5	5,224.0	Delaware Mountain Gp			
5,276.7	5,234.0	Lamar			
5,295.0	5,252.0	Bell Canyon			
5,316.3	5,273.0	Ramsey Sand			
6,303.3	6,245.0	Cherry Canyon			
7,741.1	7,661.0	Brushy Canyon			
9,276.4	9,173.0	Bone Spring Lime			
9,374.6	9,270.0	Upper Avalon			
9,551.1	9,445.0	Middle Avalon			
9,917.5	9,810.0	Lower Avalon			
10,257.6	10,150.0	1st Bone Spring Sand			
10,552.6	10,445.0	2nd Bone Spring Carb			
10,993.6	10,886.0	2nd Bone Spring Sand			
11,473.6	11,366.0	3rd Bone Spring Carb			
12,057.6	11,950.0	3rd Bone Spring Sand			
12,364.0	12,242.0	3rd BS W Sand			
12,434.1	12,300.0	Wolfcamp A X Sand			
12,659.2	12,447.0	Wolfcamp A Y Sand			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,800.0	1,800.0	0.0	0.0	NUDGE - Build 1.00
2,799.8	2,794.8	-74.1	45.6	HOLD - 6418.0 at 2799.8 MD
9,217.8	9,115.2	-1,022.9	629.9	DROP - -1.00
10,217.6	10,110.0	-1,097.0	675.5	HOLD - 1840.0 at 10217.6 MD
12,057.6	11,950.0	-1,097.0	675.5	KOP - DLS 10.00 TFO 359.59
12,962.6	12,522.9	-519.0	671.4	EOC - 9898.7 hold at 12962.6 MD
22,861.3	12,436.2	9,379.0	601.0	TD at 22861.3

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 55591

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 55591
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/22/2021