

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

Form C-101
August 1, 2011
Permit 294191

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401		2. OGRID Number 372043
4. Property Code 330336		3. API Number 30-025-48614
5. Property Name BLUE MARLIN STATE		6. Well No. 211H

7. Surface Location

UL - Lot M	Section 19	Township 25S	Range 36E	Lot Idn 4	Feet From 256	N/S Line S	Feet From 786	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot L	Section 19	Township 25S	Range 36E	Lot Idn 3	Feet From 2637	N/S Line S	Feet From 770	E/W Line W	County Lea
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9. Pool Information

JAL;WOLFCAMP, WEST	33813
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3073
16. Multiple N	17. Proposed Depth 19502	18. Formation Upper Wolfcamp	19. Contractor	20. Spud Date 5/1/2021
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1300	1500	0
Int1	12.25	9.625	40	5300	1400	0
Int2	8.75	7.625	29.7	11198	550	4000
Prod	6.75	5.5	20	19500	700	11000

Casing/Cement Program: Additional Comments

DVT/PCKR combination may be utilized on the intermediate 1 section of losses are present. Volumes will be adjusted accordingly.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	10000	5000	
Double Ram	10000	5000	
Pipe	10000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.	OIL CONSERVATION DIVISION	
Signature:	Printed Name: Electronically filed by Christian Combs	Approved By: Paul F Kautz
	Title: Regulatory Manager	Title: Geologist
	Email Address: ccombs@taprk.com	Approved Date: 4/9/2021 Expiration Date: 4/9/2023
Date: 3/30/2021	Phone: 720-360-4028	Conditions of Approval Attached

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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 30-025-48614		² Pool Code 33813		³ Pool Name JAL; WOLFCAMP, WEST	
⁴ Property Code 330336		⁵ Property Name BLUE MARLIN STATE			⁶ Well Number 211H
⁷ OGRID No. #372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3073'

¹⁰Surface Location

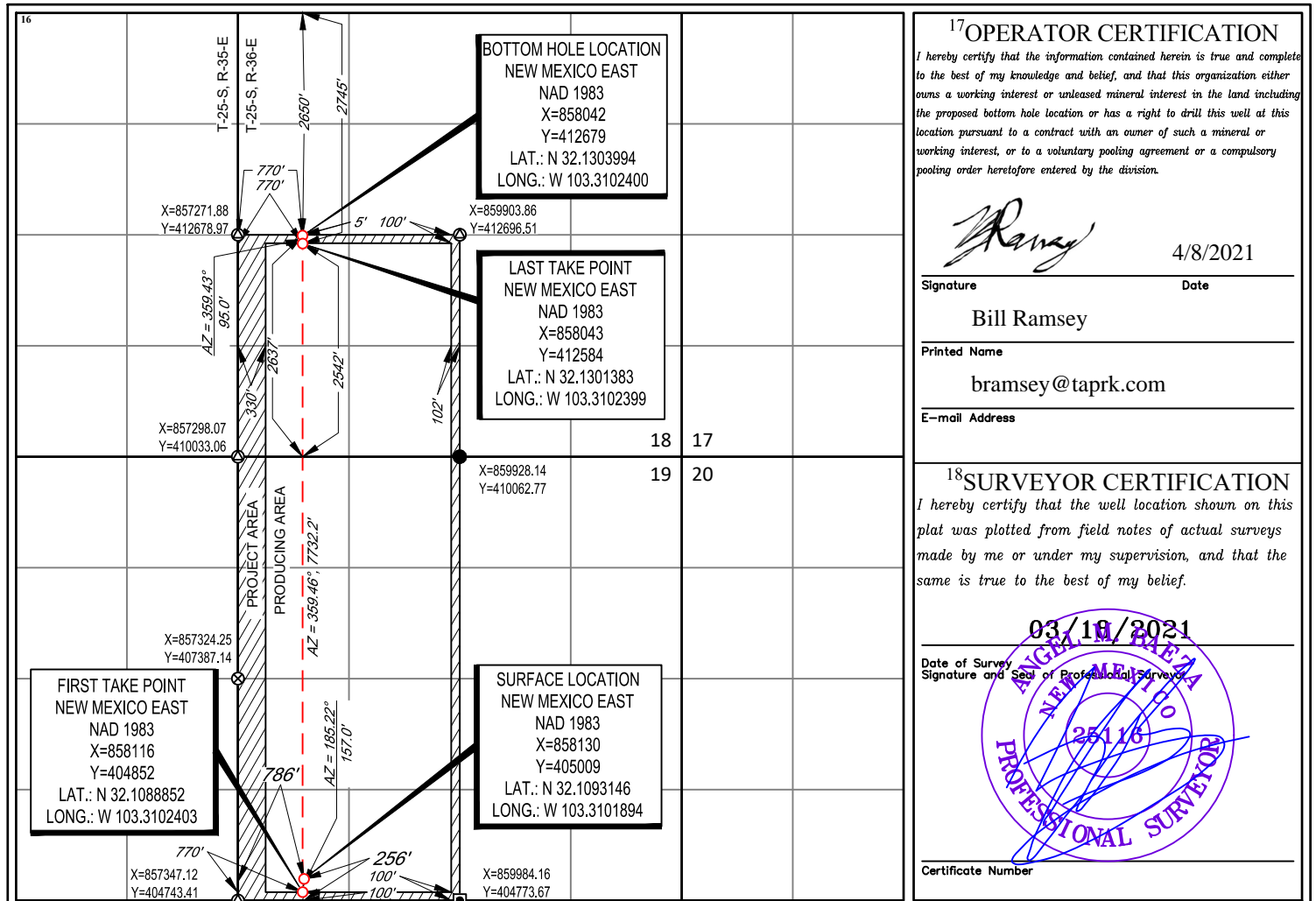
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	25-S	36-E	-	256'	SOUTH	786'	WEST	LEA

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
L	18	25-S	36-E	-	2637'	SOUTH	770'	WEST	LEA

¹² Dedicated Acres 479.34	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 4/8/2021
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.

03/18/2021
Date of Survey
Signature and Seal of Professional Surveyor
[Professional Seal]
Certificate Number

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GAS CAPTURE PLAN

Date: 4/9/2021

Original Operator & OGRID No.: [372043] TAP ROCK OPERATING, LLC
 Amended - Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomplete to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
BLUE MARLIN STATE #211H	30-025-48614	M-19-25S-36E	0256S 0786W	5000	None	expect to flare 0 days (pipe should be on time)

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to LUCID ENERGY DELAWARE, LLC and will be connected to LUCID ENERGY DELAWARE, LLC High/Low Pressure gathering system located in Lea County, New Mexico. It will require 10560' of pipeline to connect the facility to High/Low Pressure gathering system. TAP ROCK OPERATING, LLC provides (periodically) to LUCID ENERGY DELAWARE, LLC a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, TAP ROCK OPERATING, LLC and LUCID ENERGY DELAWARE, LLC have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at LUCID ENERGY DELAWARE, LLC Processing Plant located in Sec. 07, Twn. 24S, Rng. 34E, Lea County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on LUCID ENERGY DELAWARE, LLC system at that time. Based on current information, it is TAP ROCK OPERATING, LLC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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Form APD Comments

Permit 294191

PERMIT COMMENTS

Operator Name and Address: TAP ROCK OPERATING, LLC [372043] 523 Park Point Drive Golden, CO 80401	API Number: 30-025-48614
	Well: BLUE MARLIN STATE #211H

Created By	Comment	Comment Date
pkautz	HOLD requires NSP for 640 acre spacing	4/7/2021

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Form APD Conditions

Permit 294191

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: TAP ROCK OPERATING, LLC [372043] 523 Park Point Drive Golden, CO 80401	API Number: 30-025-48614
	Well: BLUE MARLIN STATE #211H

OCD Reviewer	Condition
pkautz	Notify OCD 24 hours prior to casing & cement
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	1) SURFACE & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate1 casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD. If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Will require administrative order for non-standard spacing unit



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Black Marlin) Sec-19_T-25-S_R-36-E
Blue Marlin State #211H**

OWB

Plan: Plan #1

Standard Planning Report

26 March, 2021





Intrepid
Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Blue Marlin State #211H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3099.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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	(Black Marlin) Sec-19_T-25-S_R-36-E				
Site Position:	Northing:	415,156.00 usft	Latitude:	32° 8' 13.653 N	
From: Map	Easting:	861,141.00 usft	Longitude:	103° 18' 0.552 W	
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.55 °

Well	Blue Marlin State #211H					
Well Position	+N/-S	-10,147.0 usft	Northing:	405,009.00 usft	Latitude:	32° 6' 33.537 N
	+E/-W	-3,011.0 usft	Easting:	858,130.00 usft	Longitude:	103° 18' 36.687 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	3,073.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	03/26/21	6.41	59.95	47,511.76765109

Design	Plan #1			
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	359.46

Plan Survey Tool Program	Date	03/26/21		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,502.8 Plan #1 (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	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	
2,000.5	5.00	183.87	1,999.8	-21.8	-1.5	1.00	1.00	0.00	183.87		
3,878.0	5.00	183.87	3,870.2	-185.2	-12.5	0.00	0.00	0.00	0.00		
4,378.4	0.00	0.00	4,370.0	-207.0	-14.0	1.00	-1.00	0.00	180.00		
11,298.4	0.00	0.00	11,290.0	-207.0	-14.0	0.00	0.00	0.00	0.00		
12,198.4	90.00	359.46	11,863.0	365.9	-19.4	10.00	10.00	-0.06	359.46		
19,502.8	90.00	359.46	11,863.0	7,670.0	-88.0	0.00	0.00	0.00	0.00	0.00	PBHL (Blue Marlin :



Intrepid
Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Blue Marlin State #211H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3099.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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
1,470.0	0.00	0.00	1,470.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler Anhydrite									
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	1.00	183.87	1,600.0	-0.9	-0.1	-0.9	1.00	1.00	0.00
1,607.0	1.07	183.87	1,607.0	-1.0	-0.1	-1.0	1.00	1.00	0.00
Top Salt									
1,700.0	2.00	183.87	1,700.0	-3.5	-0.2	-3.5	1.00	1.00	0.00
1,800.0	3.00	183.87	1,799.9	-7.8	-0.5	-7.8	1.00	1.00	0.00
1,900.0	4.00	183.87	1,899.7	-13.9	-0.9	-13.9	1.00	1.00	0.00
2,000.5	5.00	183.87	1,999.8	-21.8	-1.5	-21.8	1.00	1.00	0.00
2,100.0	5.00	183.87	2,099.0	-30.5	-2.1	-30.4	0.00	0.00	0.00
2,200.0	5.00	183.87	2,198.6	-39.2	-2.6	-39.1	0.00	0.00	0.00
2,300.0	5.00	183.87	2,298.2	-47.9	-3.2	-47.8	0.00	0.00	0.00
2,400.0	5.00	183.87	2,397.8	-56.6	-3.8	-56.5	0.00	0.00	0.00
2,500.0	5.00	183.87	2,497.5	-65.3	-4.4	-65.2	0.00	0.00	0.00
2,600.0	5.00	183.87	2,597.1	-74.0	-5.0	-73.9	0.00	0.00	0.00
2,700.0	5.00	183.87	2,696.7	-82.7	-5.6	-82.6	0.00	0.00	0.00
2,800.0	5.00	183.87	2,796.3	-91.4	-6.2	-91.3	0.00	0.00	0.00
2,900.0	5.00	183.87	2,895.9	-100.1	-6.8	-100.0	0.00	0.00	0.00
3,000.0	5.00	183.87	2,995.6	-108.8	-7.4	-108.7	0.00	0.00	0.00
3,100.0	5.00	183.87	3,095.2	-117.5	-7.9	-117.4	0.00	0.00	0.00
3,200.0	5.00	183.87	3,194.8	-126.2	-8.5	-126.1	0.00	0.00	0.00
3,300.0	5.00	183.87	3,294.4	-134.9	-9.1	-134.8	0.00	0.00	0.00
3,400.0	5.00	183.87	3,394.0	-143.6	-9.7	-143.5	0.00	0.00	0.00
3,500.0	5.00	183.87	3,493.6	-152.3	-10.3	-152.2	0.00	0.00	0.00
3,600.0	5.00	183.87	3,593.3	-161.0	-10.9	-160.9	0.00	0.00	0.00
3,700.0	5.00	183.87	3,692.9	-169.7	-11.5	-169.6	0.00	0.00	0.00
3,800.0	5.00	183.87	3,792.5	-178.4	-12.1	-178.3	0.00	0.00	0.00
3,878.0	5.00	183.87	3,870.2	-185.2	-12.5	-185.1	0.00	0.00	0.00
3,900.0	4.78	183.87	3,892.1	-187.1	-12.7	-187.0	1.00	-1.00	0.00
4,000.0	3.78	183.87	3,991.8	-194.5	-13.2	-194.4	1.00	-1.00	0.00
4,100.0	2.78	183.87	4,091.7	-200.3	-13.5	-200.1	1.00	-1.00	0.00
4,200.0	1.78	183.87	4,191.6	-204.2	-13.8	-204.1	1.00	-1.00	0.00
4,300.0	0.78	183.87	4,291.6	-206.5	-14.0	-206.3	1.00	-1.00	0.00
4,378.4	0.00	0.00	4,370.0	-207.0	-14.0	-206.9	1.00	-1.00	0.00
4,400.0	0.00	0.00	4,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00
4,500.0	0.00	0.00	4,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00
4,600.0	0.00	0.00	4,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00



Intrepid
Planning Report



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Wellbore:	OWB		
Design:	Plan #1		

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)	
4,700.0	0.00	0.00	4,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,346.4	0.00	0.00	5,338.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Base Salt										
5,400.0	0.00	0.00	5,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,412.4	0.00	0.00	5,404.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Lamar										
5,443.4	0.00	0.00	5,435.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Delaware Mountain Gp										
5,458.4	0.00	0.00	5,450.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Bell Canyon										
5,473.4	0.00	0.00	5,465.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Ramsey Sand										
5,500.0	0.00	0.00	5,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,388.4	0.00	0.00	6,380.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Cherry Canyon										
6,400.0	0.00	0.00	6,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,446.4	0.00	0.00	7,438.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Brushy Canyon										
7,500.0	0.00	0.00	7,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,495.4	0.00	0.00	8,487.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	



Intrepid
Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Blue Marlin State #211H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3099.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)	
Bone Spring Lime										
8,500.0	0.00	0.00	8,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,534.4	0.00	0.00	8,526.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Upper Avalon										
8,600.0	0.00	0.00	8,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,766.4	0.00	0.00	8,758.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Middle Avalon										
8,800.0	0.00	0.00	8,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,195.4	0.00	0.00	9,187.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
Lower Avalon										
9,200.0	0.00	0.00	9,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,725.4	0.00	0.00	9,717.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
1st Bone Spring Sand										
9,795.4	0.00	0.00	9,787.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
2nd Bone Spring Carb										
9,800.0	0.00	0.00	9,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,278.4	0.00	0.00	10,270.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
2nd Bone Spring Sand										
10,300.0	0.00	0.00	10,291.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,391.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,491.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,591.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,691.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,791.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,891.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
10,906.4	0.00	0.00	10,898.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
3rd Bone Spring Carb										
11,000.0	0.00	0.00	10,991.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,091.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,191.6	-207.0	-14.0	-206.9	0.00	0.00	0.00	
11,298.4	0.00	0.00	11,290.0	-207.0	-14.0	-206.9	0.00	0.00	0.00	
11,300.0	0.16	359.46	11,291.6	-207.0	-14.0	-206.9	10.00	10.00	0.00	
11,350.0	5.16	359.46	11,341.5	-204.7	-14.0	-204.5	10.00	10.00	0.00	
11,400.0	10.16	359.46	11,391.0	-198.0	-14.1	-197.9	10.00	10.00	0.00	
11,450.0	15.16	359.46	11,439.8	-187.1	-14.2	-186.9	10.00	10.00	0.00	
11,500.0	20.16	359.46	11,487.4	-171.9	-14.3	-171.8	10.00	10.00	0.00	
11,537.3	23.89	359.46	11,522.0	-157.9	-14.5	-157.8	10.00	10.00	0.00	
3rd Bone Spring Sand										
11,550.0	25.16	359.46	11,533.6	-152.7	-14.5	-152.5	10.00	10.00	0.00	
11,600.0	30.16	359.46	11,577.8	-129.5	-14.7	-129.3	10.00	10.00	0.00	



Intrepid
Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Blue Marlin State #211H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3099.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)	
11,650.0	35.16	359.46	11,619.9	-102.5	-15.0	-102.3	10.00	10.00	0.00	
11,700.0	40.16	359.46	11,659.5	-71.9	-15.3	-71.8	10.00	10.00	0.00	
11,708.6	41.01	359.46	11,666.0	-66.4	-15.3	-66.2	10.00	10.00	0.00	
3rd BS W Sand										
11,750.0	45.16	359.46	11,696.3	-38.1	-15.6	-37.9	10.00	10.00	0.00	
11,756.8	45.83	359.46	11,701.0	-33.2	-15.6	-33.1	10.00	10.00	0.00	
Wolfcamp A X Sand										
11,800.0	50.16	359.46	11,729.9	-1.1	-15.9	-1.0	10.00	10.00	0.00	
11,829.1	53.07	359.46	11,748.0	21.7	-16.1	21.8	10.00	10.00	0.00	
Wolfcamp A Y Sand										
11,850.0	55.16	359.46	11,760.2	38.6	-16.3	38.8	10.00	10.00	0.00	
11,900.0	60.16	359.46	11,787.0	80.8	-16.7	81.0	10.00	10.00	0.00	
11,925.1	62.67	359.46	11,799.0	102.9	-16.9	103.0	10.00	10.00	0.00	
Wolfcamp A Lower										
11,950.0	65.16	359.46	11,809.9	125.2	-17.1	125.4	10.00	10.00	0.00	
12,000.0	70.16	359.46	11,828.9	171.5	-17.6	171.6	10.00	10.00	0.00	
12,050.0	75.16	359.46	11,843.8	219.2	-18.0	219.3	10.00	10.00	0.00	
12,100.0	80.16	359.46	11,854.5	268.0	-18.5	268.2	10.00	10.00	0.00	
12,150.0	85.16	359.46	11,860.9	317.6	-18.9	317.7	10.00	10.00	0.00	
12,198.4	90.00	359.46	11,863.0	365.9	-19.4	366.1	10.00	10.00	0.00	
12,200.0	90.00	359.46	11,863.0	367.5	-19.4	367.7	0.00	0.00	0.00	
12,300.0	90.00	359.46	11,863.0	467.5	-20.3	467.7	0.00	0.00	0.00	
12,400.0	90.00	359.46	11,863.0	567.5	-21.3	567.7	0.00	0.00	0.00	
12,500.0	90.00	359.46	11,863.0	667.5	-22.2	667.7	0.00	0.00	0.00	
12,600.0	90.00	359.46	11,863.0	767.5	-23.2	767.7	0.00	0.00	0.00	
12,700.0	90.00	359.46	11,863.0	867.5	-24.1	867.7	0.00	0.00	0.00	
12,800.0	90.00	359.46	11,863.0	967.5	-25.0	967.7	0.00	0.00	0.00	
12,900.0	90.00	359.46	11,863.0	1,067.5	-26.0	1,067.7	0.00	0.00	0.00	
13,000.0	90.00	359.46	11,863.0	1,167.5	-26.9	1,167.7	0.00	0.00	0.00	
13,100.0	90.00	359.46	11,863.0	1,267.5	-27.9	1,267.7	0.00	0.00	0.00	
13,200.0	90.00	359.46	11,863.0	1,367.5	-28.8	1,367.7	0.00	0.00	0.00	
13,300.0	90.00	359.46	11,863.0	1,467.5	-29.7	1,467.7	0.00	0.00	0.00	
13,400.0	90.00	359.46	11,863.0	1,567.4	-30.7	1,567.7	0.00	0.00	0.00	
13,500.0	90.00	359.46	11,863.0	1,667.4	-31.6	1,667.7	0.00	0.00	0.00	
13,600.0	90.00	359.46	11,863.0	1,767.4	-32.5	1,767.7	0.00	0.00	0.00	
13,700.0	90.00	359.46	11,863.0	1,867.4	-33.5	1,867.7	0.00	0.00	0.00	
13,800.0	90.00	359.46	11,863.0	1,967.4	-34.4	1,967.7	0.00	0.00	0.00	
13,900.0	90.00	359.46	11,863.0	2,067.4	-35.4	2,067.7	0.00	0.00	0.00	
14,000.0	90.00	359.46	11,863.0	2,167.4	-36.3	2,167.7	0.00	0.00	0.00	
14,100.0	90.00	359.46	11,863.0	2,267.4	-37.2	2,267.7	0.00	0.00	0.00	
14,200.0	90.00	359.46	11,863.0	2,367.4	-38.2	2,367.7	0.00	0.00	0.00	
14,300.0	90.00	359.46	11,863.0	2,467.4	-39.1	2,467.7	0.00	0.00	0.00	
14,400.0	90.00	359.46	11,863.0	2,567.4	-40.1	2,567.7	0.00	0.00	0.00	
14,500.0	90.00	359.46	11,863.0	2,667.4	-41.0	2,667.7	0.00	0.00	0.00	
14,600.0	90.00	359.46	11,863.0	2,767.4	-41.9	2,767.7	0.00	0.00	0.00	
14,700.0	90.00	359.46	11,863.0	2,867.4	-42.9	2,867.7	0.00	0.00	0.00	
14,800.0	90.00	359.46	11,863.0	2,967.4	-43.8	2,967.7	0.00	0.00	0.00	
14,900.0	90.00	359.46	11,863.0	3,067.4	-44.8	3,067.7	0.00	0.00	0.00	
15,000.0	90.00	359.46	11,863.0	3,167.4	-45.7	3,167.7	0.00	0.00	0.00	
15,100.0	90.00	359.46	11,863.0	3,267.4	-46.6	3,267.7	0.00	0.00	0.00	
15,200.0	90.00	359.46	11,863.0	3,367.4	-47.6	3,367.7	0.00	0.00	0.00	
15,300.0	90.00	359.46	11,863.0	3,467.4	-48.5	3,467.7	0.00	0.00	0.00	
15,400.0	90.00	359.46	11,863.0	3,567.4	-49.5	3,567.7	0.00	0.00	0.00	



Intrepid
Planning Report



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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)	
15,500.0	90.00	359.46	11,863.0	3,667.4	-50.4	3,667.7	0.00	0.00	0.00	
15,600.0	90.00	359.46	11,863.0	3,767.4	-51.3	3,767.7	0.00	0.00	0.00	
15,700.0	90.00	359.46	11,863.0	3,867.3	-52.3	3,867.7	0.00	0.00	0.00	
15,800.0	90.00	359.46	11,863.0	3,967.3	-53.2	3,967.7	0.00	0.00	0.00	
15,900.0	90.00	359.46	11,863.0	4,067.3	-54.2	4,067.7	0.00	0.00	0.00	
16,000.0	90.00	359.46	11,863.0	4,167.3	-55.1	4,167.7	0.00	0.00	0.00	
16,100.0	90.00	359.46	11,863.0	4,267.3	-56.0	4,267.7	0.00	0.00	0.00	
16,200.0	90.00	359.46	11,863.0	4,367.3	-57.0	4,367.7	0.00	0.00	0.00	
16,300.0	90.00	359.46	11,863.0	4,467.3	-57.9	4,467.7	0.00	0.00	0.00	
16,400.0	90.00	359.46	11,863.0	4,567.3	-58.9	4,567.7	0.00	0.00	0.00	
16,500.0	90.00	359.46	11,863.0	4,667.3	-59.8	4,667.7	0.00	0.00	0.00	
16,600.0	90.00	359.46	11,863.0	4,767.3	-60.7	4,767.7	0.00	0.00	0.00	
16,700.0	90.00	359.46	11,863.0	4,867.3	-61.7	4,867.7	0.00	0.00	0.00	
16,800.0	90.00	359.46	11,863.0	4,967.3	-62.6	4,967.7	0.00	0.00	0.00	
16,900.0	90.00	359.46	11,863.0	5,067.3	-63.5	5,067.7	0.00	0.00	0.00	
17,000.0	90.00	359.46	11,863.0	5,167.3	-64.5	5,167.7	0.00	0.00	0.00	
17,100.0	90.00	359.46	11,863.0	5,267.3	-65.4	5,267.7	0.00	0.00	0.00	
17,200.0	90.00	359.46	11,863.0	5,367.3	-66.4	5,367.7	0.00	0.00	0.00	
17,300.0	90.00	359.46	11,863.0	5,467.3	-67.3	5,467.7	0.00	0.00	0.00	
17,400.0	90.00	359.46	11,863.0	5,567.3	-68.2	5,567.7	0.00	0.00	0.00	
17,500.0	90.00	359.46	11,863.0	5,667.3	-69.2	5,667.7	0.00	0.00	0.00	
17,600.0	90.00	359.46	11,863.0	5,767.3	-70.1	5,767.7	0.00	0.00	0.00	
17,700.0	90.00	359.46	11,863.0	5,867.3	-71.1	5,867.7	0.00	0.00	0.00	
17,800.0	90.00	359.46	11,863.0	5,967.3	-72.0	5,967.7	0.00	0.00	0.00	
17,900.0	90.00	359.46	11,863.0	6,067.3	-72.9	6,067.7	0.00	0.00	0.00	
18,000.0	90.00	359.46	11,863.0	6,167.2	-73.9	6,167.7	0.00	0.00	0.00	
18,100.0	90.00	359.46	11,863.0	6,267.2	-74.8	6,267.7	0.00	0.00	0.00	
18,200.0	90.00	359.46	11,863.0	6,367.2	-75.8	6,367.7	0.00	0.00	0.00	
18,300.0	90.00	359.46	11,863.0	6,467.2	-76.7	6,467.7	0.00	0.00	0.00	
18,400.0	90.00	359.46	11,863.0	6,567.2	-77.6	6,567.7	0.00	0.00	0.00	
18,500.0	90.00	359.46	11,863.0	6,667.2	-78.6	6,667.7	0.00	0.00	0.00	
18,600.0	90.00	359.46	11,863.0	6,767.2	-79.5	6,767.7	0.00	0.00	0.00	
18,700.0	90.00	359.46	11,863.0	6,867.2	-80.5	6,867.7	0.00	0.00	0.00	
18,800.0	90.00	359.46	11,863.0	6,967.2	-81.4	6,967.7	0.00	0.00	0.00	
18,900.0	90.00	359.46	11,863.0	7,067.2	-82.3	7,067.7	0.00	0.00	0.00	
19,000.0	90.00	359.46	11,863.0	7,167.2	-83.3	7,167.7	0.00	0.00	0.00	
19,100.0	90.00	359.46	11,863.0	7,267.2	-84.2	7,267.7	0.00	0.00	0.00	
19,200.0	90.00	359.46	11,863.0	7,367.2	-85.2	7,367.7	0.00	0.00	0.00	
19,300.0	90.00	359.46	11,863.0	7,467.2	-86.1	7,467.7	0.00	0.00	0.00	
19,400.0	90.00	359.46	11,863.0	7,567.2	-87.0	7,567.7	0.00	0.00	0.00	
19,502.8	90.00	359.46	11,863.0	7,670.0	-88.0	7,670.5	0.00	0.00	0.00	



Intrepid
Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Blue Marlin State #211H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3099.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3099.0usft
Site:	(Black Marlin) Sec-19_T-25-S_R-36-E	North Reference:	Grid
Well:	Blue Marlin State #211H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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 (Blue Marlin State #211H) - plan misses target center by 7.8usft at 19400.0usft MD (11863.0 TVD, 7567.2 N, -87.0 E) - Point	0.00	0.00	11,863.0	7,575.0	-87.0	412,584.00	858,043.00	32° 7' 48.497 N	103° 18' 36.862 W
PBHL (Blue Marlin State #211H) - plan hits target center - Rectangle (sides W100.0 H7,828.0 D30.0)	0.00	359.46	11,863.0	7,670.0	-88.0	412,679.00	858,042.00	32° 7' 49.437 N	103° 18' 36.863 W
FTP (Blue Marlin State #211H) - plan misses target center by 202.8usft at 11773.2usft MD (11712.3 TVD, -21.3 N, -15.7 E) - Point	0.00	0.00	11,863.0	-157.0	-14.0	404,852.00	858,116.00	32° 6' 31.984 N	103° 18' 36.867 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,470.0	1,470.0	Rustler Anhydrite			
1,607.0	1,607.0	Top Salt			
5,346.4	5,338.0	Base Salt			
5,412.4	5,404.0	Lamar			
5,443.4	5,435.0	Delaware Mountain Gp			
5,458.4	5,450.0	Bell Canyon			
5,473.4	5,465.0	Ramsey Sand			
6,388.4	6,380.0	Cherry Canyon			
7,446.4	7,438.0	Brushy Canyon			
8,495.4	8,487.0	Bone Spring Lime			
8,534.4	8,526.0	Upper Avalon			
8,766.4	8,758.0	Middle Avalon			
9,195.4	9,187.0	Lower Avalon			
9,725.4	9,717.0	1st Bone Spring Sand			
9,795.4	9,787.0	2nd Bone Spring Carb			
10,278.4	10,270.0	2nd Bone Spring Sand			
10,906.4	10,898.0	3rd Bone Spring Carb			
11,537.3	11,522.0	3rd Bone Spring Sand			
11,708.6	11,666.0	3rd BS W Sand			
11,756.8	11,701.0	Wolfcamp A X Sand			
11,829.1	11,748.0	Wolfcamp A Y Sand			
11,925.1	11,799.0	Wolfcamp A Lower			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.0	1,500.0	0.0	0.0	NUDGE - Build 1.00
2,000.5	1,999.8	-21.8	-1.5	HOLD - 1877.5 at 2000.5 MD
3,878.0	3,870.2	-185.2	-12.5	DROP - -1.00
4,378.4	4,370.0	-207.0	-14.0	HOLD - 6920.0 at 4378.4 MD
11,298.4	11,290.0	-207.0	-14.0	KOP - DLS 10.00 TFO 359.46
12,198.4	11,863.0	365.9	-19.4	EOC - 7304.4 hold at 12198.4 MD
19,502.8	11,863.0	7,670.0	-88.0	TD at 19502.8