

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. 30-025-50441
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name COONSKIN FEE
8. Well Number 121H
9. OGRID Number 372043
10. Pool name or Wildcat [98294] WC-025 G-07 S243517D; MIDDLE BONE

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>E</u> , <u>2328</u> feet from the <u>NORTH</u> line and <u>1223</u> feet from the <u>WEST</u> line Section <u>33</u> Township <u>24S</u> Range <u>35E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3301 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:

1. To change the surface casing set depth to 605' TVD/MD.
2. To change the target landing point to 11,806 ft TVD and pool to be: [98098] WC-025 G-09 S243532M; WOLFBONE.

See attached updated casing table and directional 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 11/4/2022

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
Phone: (575) 393-6161 Fax: (575) 393-0720
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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 30-025-50441	² Pool Code 98098	³ Pool Name WC-025 G-09 S243532M; WOLFBONE
⁴ Property Code 331322	⁵ Property Name COONSKIN FEE	⁶ Well Number 121H
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3301'

¹⁰Surface Location

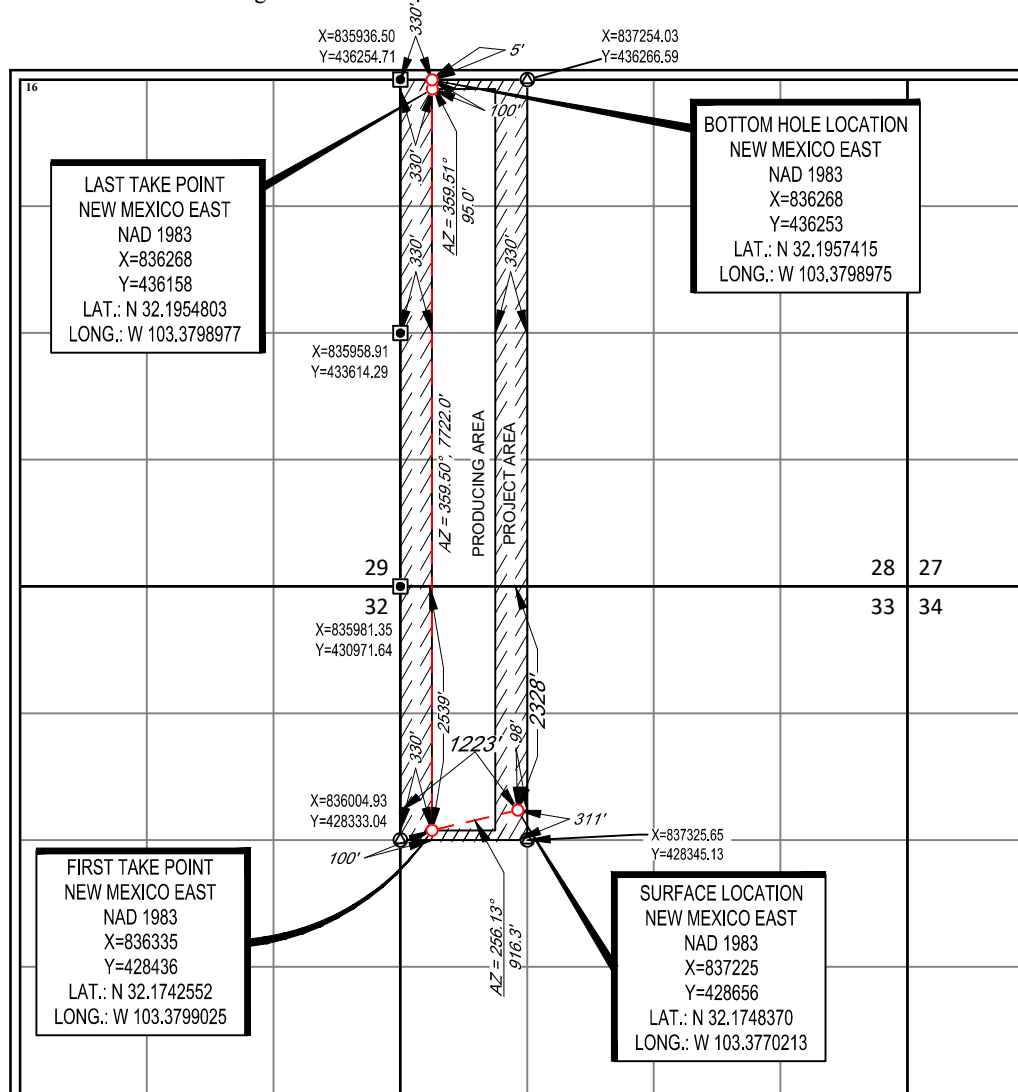
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	24-S	35-E	-	2328'	NORTH	1223'	WEST	LEA

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	28	24-S	35-E	-	5'	NORTH	330'	WEST	LEA

¹² Dedicated Acres 240	¹³ Joint or Infill 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.

11/04/2022

Signature

Date

Jeff Trlica

Printed Name

jtrlica@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.

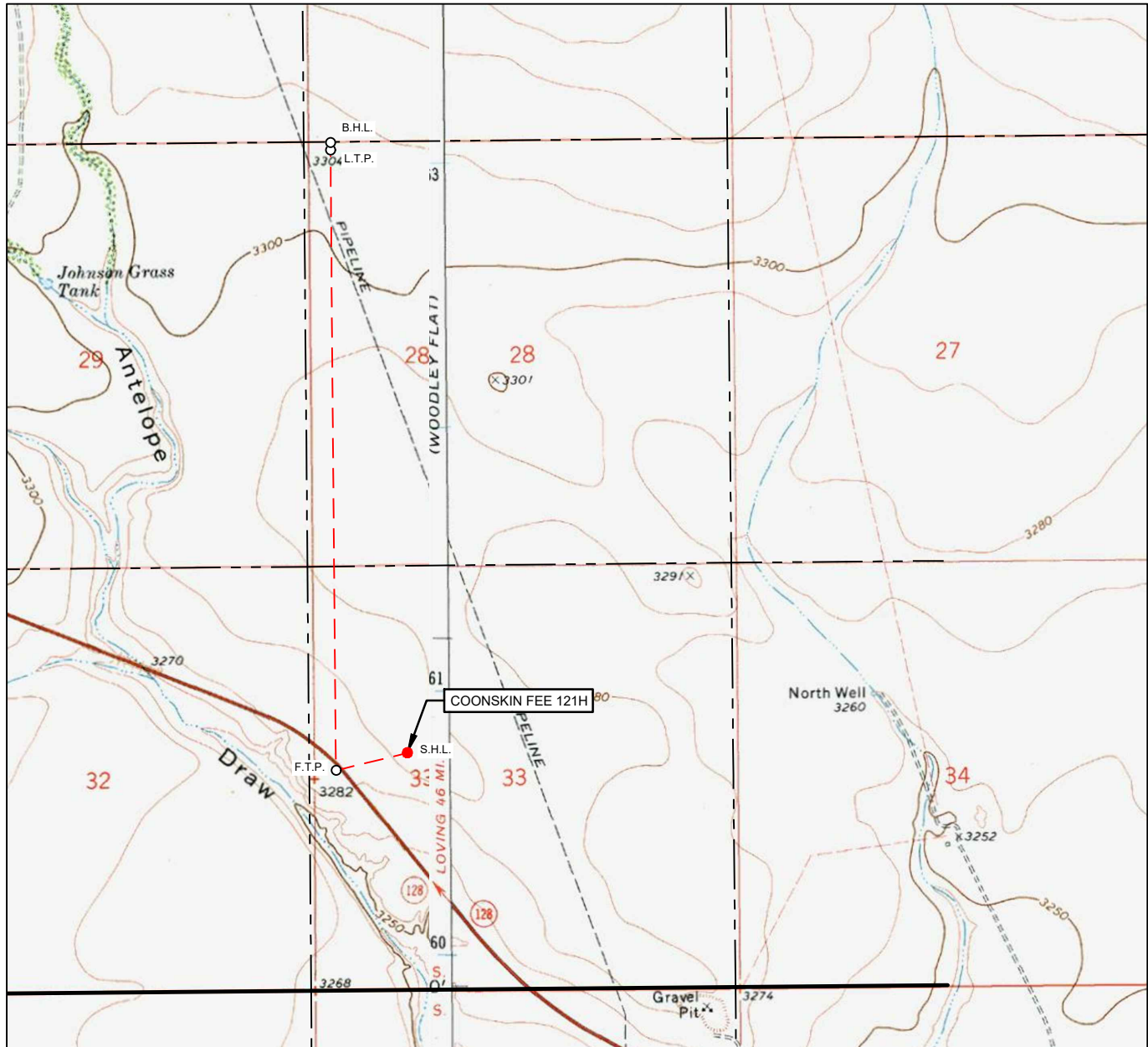
07/08/2022

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

LOCATION & ELEVATION VERIFICATION MAP

LEASE NAME & WELL NO.: COONSKIN FEE 121H

SECTION 33 TWP 24-S RGE 35-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3301'
 DESCRIPTION 2328' FNL & 1223' FWL

LATITUDE N 32.1748370 LONGITUDE W 103.3770213

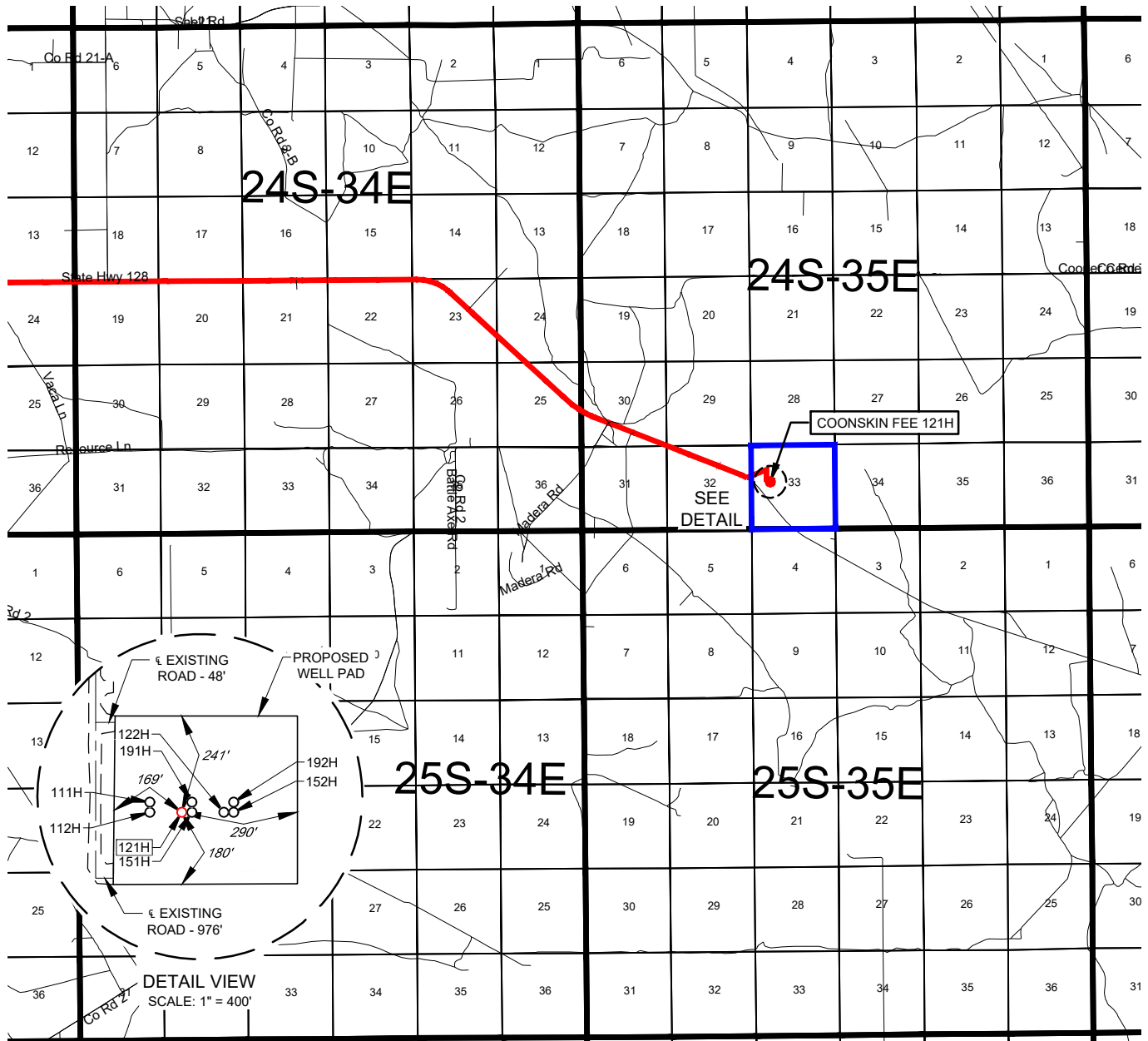
SCALE: 1" = 2000'
 0' 1000' 2000'

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.



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 MAP

LEASE NAME & WELL NO.: COONSKIN FEE 121H

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

COUNTY LEA STATE NM

DESCRIPTION 2328' FNL & 1223' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-128 & DELAWARE BASIN RD., GO EAST ON NM-128 ± 8.2 MILES, THENCE NORTHEAST (LEFT) ON A LEASE RD. ± 0.4 MILE, THENCE SOUTH (RIGHT) ON AN EXISTING RD. ± 976 FEET TO A POINT ± 238 FEET SOUTHWEST 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'

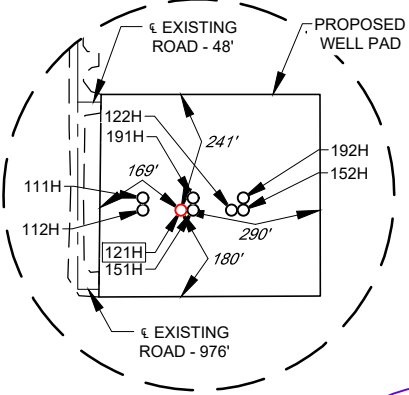
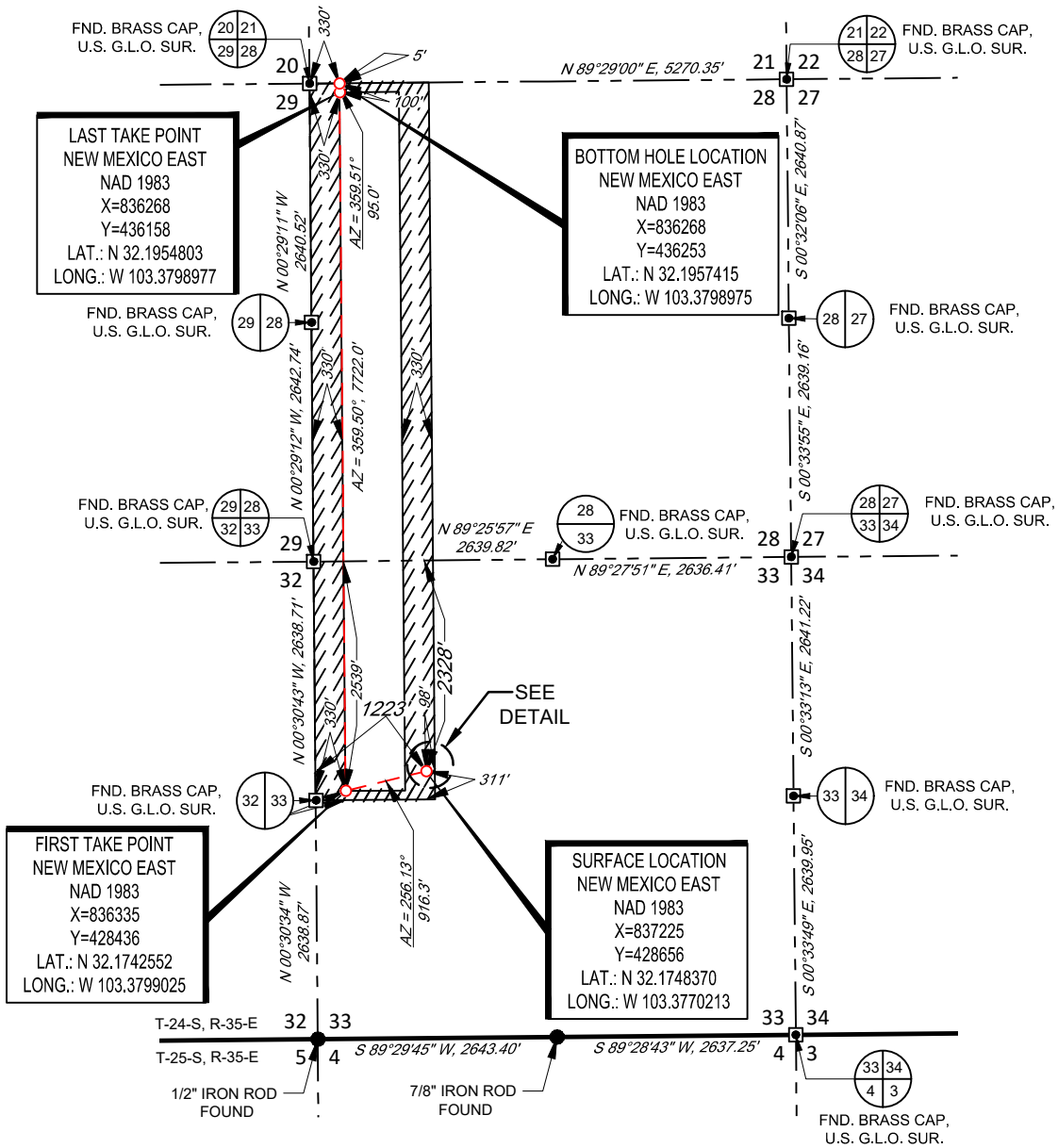
0' 5000' 10000'



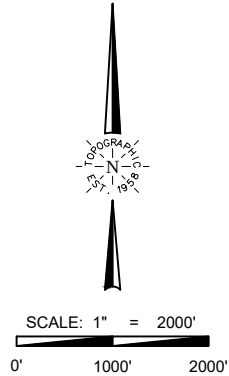
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
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WWW.TOPOGRAPHIC.COM

TAP
ROCK
EXHIBIT 2A

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



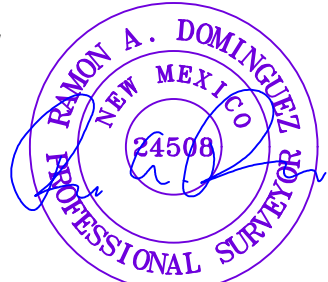
DETAIL VIEW
SCALE: 1" = 400'



LEASE NAME & WELL NO.: _____ COONSKIN FEE 121H

SECTION 33 TWP 24-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 2328' FNL & 1223' FWL

DISTANCE & DIRECTION
FROM INT. OF NM-128 & DELAWARE BASIN RD., GO EAST ON NM-128 ±8.2
MILES, THENCE NORTHEAST (LEFT) ON A LEASE RD. ±0.4 MILE, THENCE
SOUTH (RIGHT) ON A EXISTING RD. ±976 FEET TO A POINT ±238 FEET
SOUTHWEST OF THE LOCATION.



Ramon A. Dominguez, P.S. No. 24508
October 6, 2022

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.

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
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WWW.TOPOGRAPHIC.COM

EXHIBIT 2B

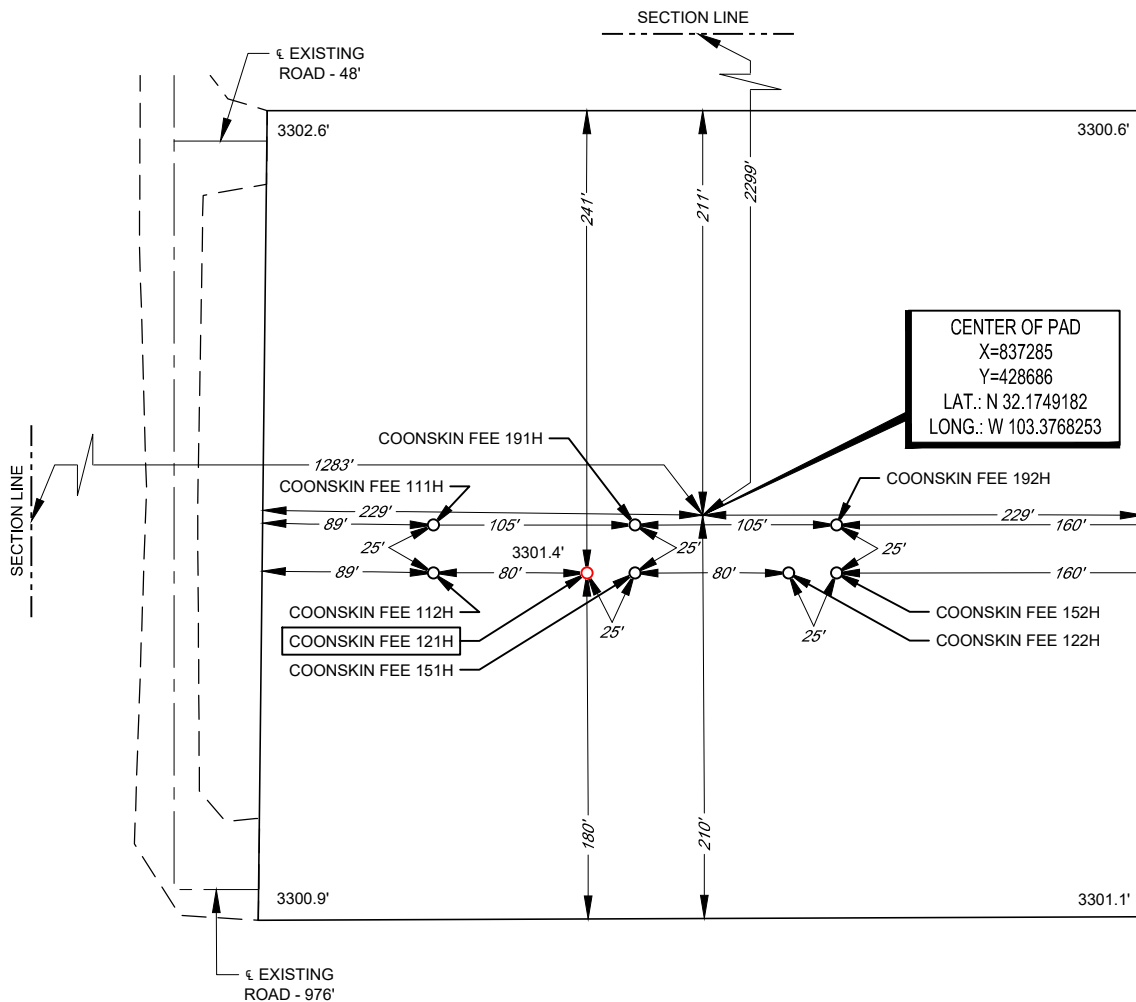


SECTION 33, TOWNSHIP 24-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEGEND

--- SECTION LINE
--- ROAD CENTERLINE
== ROAD WAY

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: COONSKIN FEE 121H
121H LATITUDE N 32.1748370 121H LONGITUDE W 103.3770213

CENTER OF PAD IS 2299' FNL & 1283' FWL



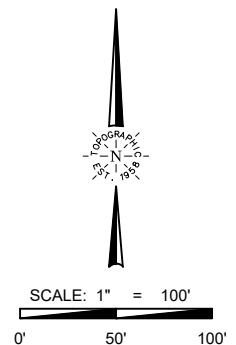
Ramon A. Dominguez, P.S. No. 24508

October 6, 2022

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"



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WWW.TOPOGRAPHIC.COM

Tap Rock Operating LLC

Coonskin Fee 121H – Casing Table

Casing Design										
Interval	Hole size (in)	Size (in)	Weight #/ft	Grade	Conn.	Collapse (psi)	Burst (psi)	Drift (in)	OD (in)	Depth (ft)
Surface	17-1/2	13-3/8	54.5	J-55	BTC	1,130	2,730	12.459	14.375	605
Intermediate	12-1/4	9-5/8	40	J-55	BTC	2,570	3,950	8.750	10.625	5,425
Prod	8-3/4	5-1/2	23	P-110-S	W463	14,540	14,530	4.545	6.050	11,355
Prod	7-7/8	5-1/2	23	P-110CY	TXP-BTC	14,540	14,530	4.545	6.200	19,520



Tap Rock Resources, LLC

**Lea County, NM (NAD 83 NME)
(Coonskin Fee) Sec-33_T-24-S_R-35-E
Coonskin Fee #121H**

OWB

Plan: Plan #4

Standard Planning Report

02 November, 2022





Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Coonskin Fee #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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	(Coonskin Fee) Sec-33_T-24-S_R-35-E		
Site Position:	Northing:	428,681.00 usft	Latitude: 32° 10' 29.672 N
From: Map	Easting:	837,145.00 usft	Longitude: 103° 22' 38.204 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "		Grid Convergence: 0.51 °

Well	Coonskin Fee #121H		
Well Position	+N/-S	-25.0 usft	Northing: 428,656.00 usft
	+E/-W	80.0 usft	Easting: 837,225.00 usft
Position Uncertainty 0.0 usft			Latitude: 32° 10' 29.418 N
			Longitude: 103° 22' 37.275 W
		Wellhead Elevation:	Ground Level: 3,301.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	07/19/22	6.30	59.98	47,406.79237116

Design	Plan #4			
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	359.50

Plan Survey Tool Program	Date	11/02/22		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,520.1	Plan #4 (OWB)	MWD
			OWSG MWD - Standard	



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Coonskin Fee #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,350.0	1.50	340.00	1,350.0	1.8	-0.7	1.00	1.00	0.00	340.00	
2,600.4	1.50	340.00	2,600.0	32.6	-11.9	0.00	0.00	0.00	0.00	
3,512.3	9.00	250.25	3,508.0	19.7	-83.2	1.00	0.82	-9.84	-99.14	
8,539.7	9.00	250.25	8,473.5	-246.2	-823.6	0.00	0.00	0.00	0.00	
9,439.9	0.00	0.01	9,370.0	-270.0	-890.0	1.00	-1.00	0.00	180.00	
11,355.0	0.00	0.01	11,285.1	-270.0	-890.0	0.00	0.00	0.00	0.01	
12,173.2	90.00	359.50	11,806.0	250.8	-894.5	11.00	11.00	-0.06	359.50	
12,914.6	90.00	359.50	11,806.0	992.2	-900.9	0.00	0.00	0.00	0.00	1000°VS (Coonskin
12,929.7	90.30	359.51	11,806.0	1,007.3	-901.0	2.00	2.00	0.00	0.04	
15,914.6	90.30	359.51	11,790.3	3,992.1	-926.8	0.00	0.00	0.00	0.00	4000°VS (Coonskin
15,944.5	90.90	359.50	11,790.0	4,022.0	-927.1	2.00	2.00	0.00	-0.04	
19,520.1	90.90	359.50	11,734.0	7,597.0	-958.0	0.00	0.00	0.00	0.00	PBHL (Coonskin Fe



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Coonskin Fee #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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
DRIFT NORTHWEST - Build 1.00									
1,300.0	1.00	340.00	1,300.0	0.8	-0.3	0.8	1.00	1.00	0.00
1,350.0	1.50	340.00	1,350.0	1.8	-0.7	1.9	1.00	1.00	0.00
HOLD - 1250.4 at 1350.0 MD									
1,400.0	1.50	340.00	1,400.0	3.1	-1.1	3.1	0.00	0.00	0.00
1,500.0	1.50	340.00	1,499.9	5.5	-2.0	5.6	0.00	0.00	0.00
1,600.0	1.50	340.00	1,599.9	8.0	-2.9	8.0	0.00	0.00	0.00
1,700.0	1.50	340.00	1,699.9	10.5	-3.8	10.5	0.00	0.00	0.00
1,800.0	1.50	340.00	1,799.8	12.9	-4.7	13.0	0.00	0.00	0.00
1,900.0	1.50	340.00	1,899.8	15.4	-5.6	15.4	0.00	0.00	0.00
2,000.0	1.50	340.00	1,999.8	17.8	-6.5	17.9	0.00	0.00	0.00
2,100.0	1.50	340.00	2,099.7	20.3	-7.4	20.4	0.00	0.00	0.00
2,200.0	1.50	340.00	2,199.7	22.8	-8.3	22.8	0.00	0.00	0.00
2,300.0	1.50	340.00	2,299.7	25.2	-9.2	25.3	0.00	0.00	0.00
2,400.0	1.50	340.00	2,399.6	27.7	-10.1	27.8	0.00	0.00	0.00
2,500.0	1.50	340.00	2,499.6	30.1	-11.0	30.2	0.00	0.00	0.00
2,600.4	1.50	340.00	2,600.0	32.6	-11.9	32.7	0.00	0.00	0.00
NUDGE - DLS 1.00 TFO -99.14									
2,700.0	1.66	303.77	2,699.5	34.6	-13.5	34.7	1.00	0.16	-36.39
2,800.0	2.30	280.97	2,799.5	35.8	-16.7	36.0	1.00	0.63	-22.80
2,900.0	3.13	269.08	2,899.3	36.2	-21.4	36.3	1.00	0.83	-11.89
3,000.0	4.04	262.34	2,999.2	35.6	-27.6	35.9	1.00	0.91	-6.74
3,100.0	4.98	258.11	3,098.8	34.3	-35.3	34.6	1.00	0.94	-4.23
3,200.0	5.94	255.23	3,198.4	32.1	-44.6	32.5	1.00	0.96	-2.87
3,300.0	6.92	253.16	3,297.8	29.0	-55.4	29.5	1.00	0.97	-2.07
3,400.0	7.90	251.60	3,396.9	25.1	-67.7	25.7	1.00	0.98	-1.56
3,500.0	8.88	250.38	3,495.8	20.3	-81.4	21.0	1.00	0.98	-1.22
3,512.3	9.00	250.25	3,508.0	19.7	-83.2	20.4	1.00	0.99	-1.07
HOLD - 5027.4 at 3512.3 MD									
3,600.0	9.00	250.25	3,594.6	15.0	-96.2	15.9	0.00	0.00	0.00
3,700.0	9.00	250.25	3,693.4	9.8	-110.9	10.7	0.00	0.00	0.00
3,800.0	9.00	250.25	3,792.2	4.5	-125.6	5.6	0.00	0.00	0.00
3,900.0	9.00	250.25	3,890.9	-0.8	-140.3	0.4	0.00	0.00	0.00
4,000.0	9.00	250.25	3,989.7	-6.1	-155.1	-4.8	0.00	0.00	0.00
4,100.0	9.00	250.25	4,088.5	-11.4	-169.8	-9.9	0.00	0.00	0.00
4,200.0	9.00	250.25	4,187.2	-16.7	-184.5	-15.1	0.00	0.00	0.00
4,300.0	9.00	250.25	4,286.0	-22.0	-199.2	-20.2	0.00	0.00	0.00
4,400.0	9.00	250.25	4,384.8	-27.3	-214.0	-25.4	0.00	0.00	0.00
4,500.0	9.00	250.25	4,483.5	-32.5	-228.7	-30.5	0.00	0.00	0.00
4,600.0	9.00	250.25	4,582.3	-37.8	-243.4	-35.7	0.00	0.00	0.00
4,700.0	9.00	250.25	4,681.1	-43.1	-258.1	-40.9	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Coonskin Fee #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)
4,800.0	9.00	250.25	4,779.8	-48.4	-272.9	-46.0	0.00	0.00	0.00
4,900.0	9.00	250.25	4,878.6	-53.7	-287.6	-51.2	0.00	0.00	0.00
5,000.0	9.00	250.25	4,977.4	-59.0	-302.3	-56.3	0.00	0.00	0.00
5,100.0	9.00	250.25	5,076.1	-64.3	-317.0	-61.5	0.00	0.00	0.00
5,200.0	9.00	250.25	5,174.9	-69.6	-331.8	-66.7	0.00	0.00	0.00
5,300.0	9.00	250.25	5,273.7	-74.8	-346.5	-71.8	0.00	0.00	0.00
5,400.0	9.00	250.25	5,372.4	-80.1	-361.2	-77.0	0.00	0.00	0.00
5,500.0	9.00	250.25	5,471.2	-85.4	-375.9	-82.1	0.00	0.00	0.00
5,600.0	9.00	250.25	5,570.0	-90.7	-390.7	-87.3	0.00	0.00	0.00
5,700.0	9.00	250.25	5,668.8	-96.0	-405.4	-92.5	0.00	0.00	0.00
5,800.0	9.00	250.25	5,767.5	-101.3	-420.1	-97.6	0.00	0.00	0.00
5,900.0	9.00	250.25	5,866.3	-106.6	-434.9	-102.8	0.00	0.00	0.00
6,000.0	9.00	250.25	5,965.1	-111.9	-449.6	-107.9	0.00	0.00	0.00
6,100.0	9.00	250.25	6,063.8	-117.1	-464.3	-113.1	0.00	0.00	0.00
6,200.0	9.00	250.25	6,162.6	-122.4	-479.0	-118.2	0.00	0.00	0.00
6,300.0	9.00	250.25	6,261.4	-127.7	-493.8	-123.4	0.00	0.00	0.00
6,400.0	9.00	250.25	6,360.1	-133.0	-508.5	-128.6	0.00	0.00	0.00
6,500.0	9.00	250.25	6,458.9	-138.3	-523.2	-133.7	0.00	0.00	0.00
6,600.0	9.00	250.25	6,557.7	-143.6	-537.9	-138.9	0.00	0.00	0.00
6,700.0	9.00	250.25	6,656.4	-148.9	-552.7	-144.0	0.00	0.00	0.00
6,800.0	9.00	250.25	6,755.2	-154.2	-567.4	-149.2	0.00	0.00	0.00
6,900.0	9.00	250.25	6,854.0	-159.4	-582.1	-154.4	0.00	0.00	0.00
7,000.0	9.00	250.25	6,952.7	-164.7	-596.8	-159.5	0.00	0.00	0.00
7,100.0	9.00	250.25	7,051.5	-170.0	-611.6	-164.7	0.00	0.00	0.00
7,200.0	9.00	250.25	7,150.3	-175.3	-626.3	-169.8	0.00	0.00	0.00
7,300.0	9.00	250.25	7,249.0	-180.6	-641.0	-175.0	0.00	0.00	0.00
7,400.0	9.00	250.25	7,347.8	-185.9	-655.7	-180.2	0.00	0.00	0.00
7,500.0	9.00	250.25	7,446.6	-191.2	-670.5	-185.3	0.00	0.00	0.00
7,600.0	9.00	250.25	7,545.4	-196.5	-685.2	-190.5	0.00	0.00	0.00
7,700.0	9.00	250.25	7,644.1	-201.7	-699.9	-195.6	0.00	0.00	0.00
7,800.0	9.00	250.25	7,742.9	-207.0	-714.6	-200.8	0.00	0.00	0.00
7,900.0	9.00	250.25	7,841.7	-212.3	-729.4	-206.0	0.00	0.00	0.00
8,000.0	9.00	250.25	7,940.4	-217.6	-744.1	-211.1	0.00	0.00	0.00
8,100.0	9.00	250.25	8,039.2	-222.9	-758.8	-216.3	0.00	0.00	0.00
8,200.0	9.00	250.25	8,138.0	-228.2	-773.6	-221.4	0.00	0.00	0.00
8,300.0	9.00	250.25	8,236.7	-233.5	-788.3	-226.6	0.00	0.00	0.00
8,400.0	9.00	250.25	8,335.5	-238.8	-803.0	-231.7	0.00	0.00	0.00
8,500.0	9.00	250.25	8,434.3	-244.1	-817.7	-236.9	0.00	0.00	0.00
8,539.7	9.00	250.25	8,473.5	-246.2	-823.6	-239.0	0.00	0.00	0.00
DROP - -1.00									
8,600.0	8.40	250.25	8,533.1	-249.2	-832.2	-242.0	1.00	-1.00	0.00
8,700.0	7.40	250.25	8,632.1	-253.9	-845.1	-246.5	1.00	-1.00	0.00
8,800.0	6.40	250.25	8,731.4	-257.9	-856.4	-250.5	1.00	-1.00	0.00
8,900.0	5.40	250.25	8,830.9	-261.4	-866.1	-253.8	1.00	-1.00	0.00
9,000.0	4.40	250.25	8,930.5	-264.3	-874.1	-256.7	1.00	-1.00	0.00
9,100.0	3.40	250.25	9,030.3	-266.6	-880.5	-258.9	1.00	-1.00	0.00
9,200.0	2.40	250.25	9,130.1	-268.3	-885.3	-260.6	1.00	-1.00	0.00
9,300.0	1.40	250.25	9,230.1	-269.4	-888.4	-261.7	1.00	-1.00	0.00
9,400.0	0.40	250.25	9,330.1	-270.0	-889.9	-262.2	1.00	-1.00	0.00
9,439.9	0.00	0.01	9,370.0	-270.0	-890.0	-262.2	1.00	-1.00	0.00
HOLD - 1915.1 at 9439.9 MD									
9,500.0	0.00	0.00	9,430.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
9,600.0	0.00	0.00	9,530.1	-270.0	-890.0	-262.2	0.00	0.00	0.00



Intrepid Planning Report



Database: EDM 5000.15 Single User Db
Company: Tap Rock Resources, LLC
Project: Lea County, NM (NAD 83 NME)
Site: (Coonskin Fee) Sec-33_T-24-S_R-35-E
Well: Coonskin Fee #121H
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Design: Plan #4

Local Co-ordinate Reference: Well Coonskin Fee #121H
TVD Reference: KB @ 3327.0usft
MD Reference: KB @ 3327.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)
9,700.0	0.00	0.00	9,630.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
9,800.0	0.00	0.00	9,730.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
9,900.0	0.00	0.00	9,830.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,000.0	0.00	0.00	9,930.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,100.0	0.00	0.00	10,030.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,200.0	0.00	0.00	10,130.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,300.0	0.00	0.00	10,230.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,400.0	0.00	0.00	10,330.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,500.0	0.00	0.00	10,430.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,600.0	0.00	0.00	10,530.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,700.0	0.00	0.00	10,630.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,800.0	0.00	0.00	10,730.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
10,900.0	0.00	0.00	10,830.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
11,000.0	0.00	0.00	10,930.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
11,100.0	0.00	0.00	11,030.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
11,200.0	0.00	0.00	11,130.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
11,300.0	0.00	0.00	11,230.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
11,355.0	0.00	0.00	11,285.1	-270.0	-890.0	-262.2	0.00	0.00	0.00
KOP - DLS 11.00 TFO 359.50									
11,400.0	4.95	359.50	11,330.0	-268.1	-890.0	-260.3	11.00	11.00	0.00
11,450.0	10.45	359.50	11,379.6	-261.4	-890.1	-253.6	11.00	11.00	0.00
11,500.0	15.95	359.50	11,428.2	-250.0	-890.2	-242.2	11.00	11.00	0.00
11,550.0	21.45	359.50	11,475.6	-233.9	-890.3	-226.2	11.00	11.00	0.00
11,600.0	26.95	359.50	11,521.1	-213.4	-890.5	-205.7	11.00	11.00	0.00
11,650.0	32.45	359.50	11,564.6	-188.7	-890.7	-180.9	11.00	11.00	0.00
11,700.0	37.95	359.50	11,605.4	-159.9	-891.0	-152.1	11.00	11.00	0.00
11,750.0	43.45	359.50	11,643.3	-127.3	-891.2	-119.5	11.00	11.00	0.00
11,800.0	48.95	359.50	11,677.9	-91.2	-891.5	-83.4	11.00	11.00	0.00
11,850.0	54.45	359.50	11,708.9	-52.0	-891.9	-44.2	11.00	11.00	0.00
11,900.0	59.95	359.50	11,735.9	-10.0	-892.2	-2.2	11.00	11.00	0.00
11,950.0	65.45	359.50	11,758.9	34.4	-892.6	42.2	11.00	11.00	0.00
12,000.0	70.95	359.50	11,777.4	80.8	-893.0	88.6	11.00	11.00	0.00
12,050.0	76.45	359.50	11,791.5	128.8	-893.4	136.6	11.00	11.00	0.00
12,100.0	81.95	359.50	11,800.8	177.9	-893.9	185.7	11.00	11.00	0.00
12,150.0	87.45	359.50	11,805.5	227.7	-894.3	235.5	11.00	11.00	0.00
12,173.2	90.00	359.50	11,806.0	250.8	-894.5	258.6	11.00	11.00	0.00
EOC - 741.4 hold at 12173.2 MD									
12,200.0	90.00	359.50	11,806.0	277.6	-894.7	285.4	0.00	0.00	0.00
12,300.0	90.00	359.50	11,806.0	377.6	-895.6	385.4	0.00	0.00	0.00
12,400.0	90.00	359.50	11,806.0	477.6	-896.5	485.4	0.00	0.00	0.00
12,500.0	90.00	359.50	11,806.0	577.6	-897.3	585.4	0.00	0.00	0.00
12,600.0	90.00	359.50	11,806.0	677.6	-898.2	685.4	0.00	0.00	0.00
12,700.0	90.00	359.50	11,806.0	777.6	-899.1	785.4	0.00	0.00	0.00
12,800.0	90.00	359.50	11,806.0	877.6	-899.9	885.4	0.00	0.00	0.00
12,900.0	90.00	359.50	11,806.0	977.6	-900.8	985.4	0.00	0.00	0.00
12,914.6	90.00	359.50	11,806.0	992.2	-900.9	1,000.0	0.00	0.00	0.00
Start DLS 2.00 TFO 0.04									
12,929.7	90.30	359.51	11,806.0	1,007.3	-901.0	1,015.1	2.00	2.00	0.00
Start 2984.9 hold at 12929.7 MD									
13,000.0	90.30	359.51	11,805.6	1,077.6	-901.6	1,085.4	0.00	0.00	0.00
13,100.0	90.30	359.51	11,805.1	1,177.6	-902.5	1,185.4	0.00	0.00	0.00
13,200.0	90.30	359.51	11,804.5	1,277.6	-903.4	1,285.4	0.00	0.00	0.00
13,300.0	90.30	359.51	11,804.0	1,377.6	-904.2	1,385.4	0.00	0.00	0.00



Intrepid Planning Report



Database: EDM 5000.15 Single User Db
Company: Tap Rock Resources, LLC
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Site: (Coonskin Fee) Sec-33_T-24-S_R-35-E
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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)
13,400.0	90.30	359.51	11,803.5	1,477.6	-905.1	1,485.4	0.00	0.00	0.00
13,500.0	90.30	359.51	11,803.0	1,577.6	-906.0	1,585.4	0.00	0.00	0.00
13,600.0	90.30	359.51	11,802.5	1,677.6	-906.8	1,685.4	0.00	0.00	0.00
13,700.0	90.30	359.51	11,801.9	1,777.6	-907.7	1,785.4	0.00	0.00	0.00
13,800.0	90.30	359.51	11,801.4	1,877.6	-908.6	1,885.4	0.00	0.00	0.00
13,900.0	90.30	359.51	11,800.9	1,977.6	-909.4	1,985.4	0.00	0.00	0.00
14,000.0	90.30	359.51	11,800.4	2,077.6	-910.3	2,085.4	0.00	0.00	0.00
14,100.0	90.30	359.51	11,799.8	2,177.6	-911.2	2,185.4	0.00	0.00	0.00
14,200.0	90.30	359.51	11,799.3	2,277.6	-912.0	2,285.4	0.00	0.00	0.00
14,300.0	90.30	359.51	11,798.8	2,377.6	-912.9	2,385.4	0.00	0.00	0.00
14,400.0	90.30	359.51	11,798.3	2,477.5	-913.7	2,485.4	0.00	0.00	0.00
14,500.0	90.30	359.51	11,797.7	2,577.5	-914.6	2,585.4	0.00	0.00	0.00
14,600.0	90.30	359.51	11,797.2	2,677.5	-915.5	2,685.4	0.00	0.00	0.00
14,700.0	90.30	359.51	11,796.7	2,777.5	-916.3	2,785.4	0.00	0.00	0.00
14,800.0	90.30	359.51	11,796.2	2,877.5	-917.2	2,885.4	0.00	0.00	0.00
14,900.0	90.30	359.51	11,795.6	2,977.5	-918.1	2,985.4	0.00	0.00	0.00
15,000.0	90.30	359.51	11,795.1	3,077.5	-918.9	3,085.4	0.00	0.00	0.00
15,100.0	90.30	359.51	11,794.6	3,177.5	-919.8	3,185.4	0.00	0.00	0.00
15,200.0	90.30	359.51	11,794.1	3,277.5	-920.7	3,285.4	0.00	0.00	0.00
15,300.0	90.30	359.51	11,793.5	3,377.5	-921.5	3,385.4	0.00	0.00	0.00
15,400.0	90.30	359.51	11,793.0	3,477.5	-922.4	3,485.4	0.00	0.00	0.00
15,500.0	90.30	359.51	11,792.5	3,577.5	-923.2	3,585.4	0.00	0.00	0.00
15,600.0	90.30	359.51	11,792.0	3,677.5	-924.1	3,685.4	0.00	0.00	0.00
15,700.0	90.30	359.51	11,791.5	3,777.5	-925.0	3,785.4	0.00	0.00	0.00
15,800.0	90.30	359.51	11,790.9	3,877.5	-925.8	3,885.4	0.00	0.00	0.00
15,900.0	90.30	359.51	11,790.4	3,977.5	-926.7	3,985.4	0.00	0.00	0.00
15,914.6	90.30	359.51	11,790.3	3,992.1	-926.8	4,000.0	0.00	0.00	0.00
Start DLS 2.00 TFO -0.04									
15,944.5	90.90	359.50	11,790.0	4,022.0	-927.1	4,029.9	2.00	2.00	0.00
Start 3575.6 hold at 15944.5 MD									
16,000.0	90.90	359.50	11,789.1	4,077.5	-927.6	4,085.4	0.00	0.00	0.00
16,100.0	90.90	359.50	11,787.6	4,177.4	-928.4	4,185.4	0.00	0.00	0.00
16,200.0	90.90	359.50	11,786.0	4,277.4	-929.3	4,285.4	0.00	0.00	0.00
16,300.0	90.90	359.50	11,784.4	4,377.4	-930.2	4,385.4	0.00	0.00	0.00
16,400.0	90.90	359.50	11,782.9	4,477.4	-931.0	4,485.3	0.00	0.00	0.00
16,500.0	90.90	359.50	11,781.3	4,577.4	-931.9	4,585.3	0.00	0.00	0.00
16,600.0	90.90	359.50	11,779.7	4,677.4	-932.8	4,685.3	0.00	0.00	0.00
16,700.0	90.90	359.50	11,778.2	4,777.3	-933.6	4,785.3	0.00	0.00	0.00
16,800.0	90.90	359.50	11,776.6	4,877.3	-934.5	4,885.3	0.00	0.00	0.00
16,900.0	90.90	359.50	11,775.0	4,977.3	-935.3	4,985.3	0.00	0.00	0.00
17,000.0	90.90	359.50	11,773.5	5,077.3	-936.2	5,085.3	0.00	0.00	0.00
17,100.0	90.90	359.50	11,771.9	5,177.3	-937.1	5,185.3	0.00	0.00	0.00
17,200.0	90.90	359.50	11,770.3	5,277.3	-937.9	5,285.2	0.00	0.00	0.00
17,300.0	90.90	359.50	11,768.8	5,377.2	-938.8	5,385.2	0.00	0.00	0.00
17,400.0	90.90	359.50	11,767.2	5,477.2	-939.7	5,485.2	0.00	0.00	0.00
17,500.0	90.90	359.50	11,765.6	5,577.2	-940.5	5,585.2	0.00	0.00	0.00
17,600.0	90.90	359.50	11,764.1	5,677.2	-941.4	5,685.2	0.00	0.00	0.00
17,700.0	90.90	359.50	11,762.5	5,777.2	-942.3	5,785.2	0.00	0.00	0.00
17,800.0	90.90	359.50	11,760.9	5,877.2	-943.1	5,885.2	0.00	0.00	0.00
17,900.0	90.90	359.50	11,759.4	5,977.2	-944.0	5,985.2	0.00	0.00	0.00
18,000.0	90.90	359.50	11,757.8	6,077.1	-944.9	6,085.2	0.00	0.00	0.00
18,100.0	90.90	359.50	11,756.2	6,177.1	-945.7	6,185.1	0.00	0.00	0.00
18,200.0	90.90	359.50	11,754.7	6,277.1	-946.6	6,285.1	0.00	0.00	0.00
18,300.0	90.90	359.50	11,753.1	6,377.1	-947.5	6,385.1	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Coonskin Fee #121H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)	
18,400.0	90.90	359.50	11,751.5	6,477.1	-948.3	6,485.1	0.00	0.00	0.00	
18,500.0	90.90	359.50	11,750.0	6,577.1	-949.2	6,585.1	0.00	0.00	0.00	
18,600.0	90.90	359.50	11,748.4	6,677.0	-950.0	6,685.1	0.00	0.00	0.00	
18,700.0	90.90	359.50	11,746.8	6,777.0	-950.9	6,785.1	0.00	0.00	0.00	
18,800.0	90.90	359.50	11,745.3	6,877.0	-951.8	6,885.1	0.00	0.00	0.00	
18,900.0	90.90	359.50	11,743.7	6,977.0	-952.6	6,985.0	0.00	0.00	0.00	
19,000.0	90.90	359.50	11,742.1	7,077.0	-953.5	7,085.0	0.00	0.00	0.00	
19,100.0	90.90	359.50	11,740.6	7,177.0	-954.4	7,185.0	0.00	0.00	0.00	
19,200.0	90.90	359.50	11,739.0	7,276.9	-955.2	7,285.0	0.00	0.00	0.00	
19,300.0	90.90	359.50	11,737.4	7,376.9	-956.1	7,385.0	0.00	0.00	0.00	
19,400.0	90.90	359.50	11,735.9	7,476.9	-957.0	7,485.0	0.00	0.00	0.00	
19,500.0	90.90	359.50	11,734.3	7,576.9	-957.8	7,585.0	0.00	0.00	0.00	
19,520.1	90.90	359.50	11,734.0	7,597.0	-958.0	7,605.1	0.00	0.00	0.00	
TD at 19520.1										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PBHL (Coonskin Fee #1 - hit/miss target - Shape - plan hits target center - Rectangle (sides W100.0 H3,605.5 D30.0)	-0.90	359.50	11,734.0	7,597.0	-958.0	436,253.00	836,267.00	32° 11' 44.673 N	103° 22' 47.637 W	
LTP (Coonskin Fee #1 - plan misses target center by 1.3usft at 19425.1usft MD (11735.5 TVD, 7502.0 N, -957.2 E) - Point	0.00	0.00	11,734.5	7,502.0	-958.0	436,158.00	836,267.00	32° 11' 43.733 N	103° 22' 47.647 W	
4000'VS (Coonskin Fee #1 - plan misses target center by 0.3usft at 15914.6usft MD (11790.3 TVD, 3992.1 N, -926.8 E) - Rectangle (sides W100.0 H2,910.0 D30.0)	-0.30	359.50	11,790.0	3,992.1	-926.8	432,648.10	836,298.16	32° 11' 9.000 N	103° 22' 47.647 W	
1000'VS (Coonskin Fee #1 - plan hits target center - Rectangle (sides W100.0 H1,212.0 D30.0)	0.00	359.50	11,806.0	992.2	-900.9	429,648.20	836,324.09	32° 10' 39.315 N	103° 22' 47.654 W	
FTP (Coonskin Fee #1 - plan misses target center by 192.5usft at 11800.0usft MD (11677.9 TVD, -91.2 N, -891.5 E) - Point	0.00	0.00	11,821.0	-220.0	-891.0	428,436.00	836,334.00	32° 10' 27.319 N	103° 22' 47.664 W	



Intrepid Planning Report



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Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3327.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB @ 3327.0usft
Site:	(Coonskin Fee) Sec-33_T-24-S_R-35-E	North Reference:	Grid
Well:	Coonskin Fee #121H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
580.0	580.0	Rustler Anhydrite				
945.0	945.0	Top Salt				
4,926.7	4,905.0	Base Salt				
5,377.3	5,350.0	Delaware Mountain Gp				
5,377.3	5,350.0	Lamar				
5,407.6	5,380.0	Bell Canyon				
5,433.0	5,405.0	Ramsey Sand				
6,384.7	6,345.0	Cherry Canyon				
7,898.3	7,840.0	Brushy Canyon				
9,204.9	9,135.0	Bone Spring Lime				
9,219.9	9,150.0	Upper Avalon				
9,424.9	9,355.0	Middle/Lower Avalon				
10,464.9	10,395.0	1st Bone Spring Sand				
10,639.9	10,570.0	2nd Bone Spring Carb				
11,079.9	11,010.0	2nd Bone Spring Sand				
11,512.3	11,440.0	3rd Bone Spring Carb				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,200.0	1,200.0	0.0	0.0	DRIFT NORTHWEST - Build 1.00	
1,350.0	1,350.0	1.8	-0.7	HOLD - 1250.4 at 1350.0 MD	
2,600.4	2,600.0	32.6	-11.9	NUDGE - DLS 1.00 TFO -99.14	
3,512.3	3,508.0	19.7	-83.2	HOLD - 5027.4 at 3512.3 MD	
8,539.7	8,473.5	-246.2	-823.6	DROP - -1.00	
9,439.9	9,370.0	-270.0	-890.0	HOLD - 1915.1 at 9439.9 MD	
11,355.0	11,285.1	-270.0	-890.0	KOP - DLS 11.00 TFO 359.50	
12,173.2	11,806.0	250.8	-894.5	EOC - 741.4 hold at 12173.2 MD	
12,914.6	11,806.0	992.2	-900.9	Start DLS 2.00 TFO 0.04	
12,929.7	11,806.0	1,007.3	-901.0	Start 2984.9 hold at 12929.7 MD	
15,914.6	11,790.3	3,992.1	-926.8	Start DLS 2.00 TFO -0.04	
15,944.5	11,790.0	4,022.0	-927.1	Start 3575.6 hold at 15944.5 MD	
19,520.1	11,734.0	7,597.0	-958.0	TD at 19520.1	

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Phone:(505) 334-6178 Fax:(505) 334-6170
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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 156402

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 156402
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/4/2022