Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau –
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
   A. Location – Spacing Unit – Simultaneous Dedication
   ☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

   B. Check one only for [I] or [II]
   [I] Commingling – Storage – Measurement
   ☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
   [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
   ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
   A. ☐ Offset operators or lease holders
   B. ☐ Royalty, overriding royalty owners, revenue owners
   C. ☐ Application requires published notice
   D. ☐ Notification and/or concurrent approval by SLO
   E. ☐ Notification and/or concurrent approval by BLM
   F. ☐ Surface owner
   G. ☐ For all of the above, proof of notification or publication is attached, and/or,
   H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

_____ Date

_____ Print or Type Name

_____ Phone Number

_____ Signature

_____ e-mail Address

Adam G. Rankin
Phone (505) 954-7294
Fax (505) 819-5579
AGRankin@hollandhart.com

January 24, 2022

VIA ONLINE FILING

Adrienne Sandoval
Director, Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Tap Rock Operating, LLC for administrative approval to surface commingle (lease commingle) oil and gas production at the Coonskin Central Tank Battery located in the NW/4 of Section 33, Township 24 South, Range 35 East, and to add additional wells.

Dear Ms. Sandoval:

Tap Rock Operating, LLC (OGRID No. 372043), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (lease commingle) diversely owned oil and gas production at the **Coonskin Central Tank Battery** *in all existing and future infill wells drilled in the following spacing units*:

(a) The 240-acre spacing unit comprised of the W/2 W/2 of Section 28 and W/2 NW/4 of Section 33 in the WC-025 G-07 S243517D; Middle Bone Spring; (98294). The spacing unit is currently dedicated to the following horizontal well: the **Coonskin Fee #111H Well** (API. No. 30-025-49260);

(b) The 240-acre spacing unit comprised of the E/2 W/2 of Section 28 and E/2 NW/4 of Section 33 in the WC-025 G-07 S243517D; Middle Bone Spring; (98294). The spacing unit is currently dedicated to the following horizontal well: the **Coonskin Fee #112H Well** (API. No. 30-025-49261); and

(c) Pursuant to 19.15.12.10.C(4)(g), *future WC-025 G-07 S243517D; Middle Bone Spring; (98294) spacing units within the W/2 of Section 28 and NW/4 of Section 33 connected to the Coonskin Central Tank Battery* with notice provided only to the owners of interests to be added.

Oil and gas production from these spacing units will be commingled and sold at the *Coonskin Central Tank Battery located in the NW/4 of Section 33*. Each well will have its own test separator and production will be separately metered with a Coriolis flow meter for oil and orifice meter for gas manufactured to AGA specifications.

Attached is a completed Application for Surface Commingling (Diverse Ownership) Form C-107B that includes a statement from Jeff Trlica, Regulatory Analyst with Tap Rock, identifying the facilities and the measurement devices to be utilized, a detailed schematic of the surface facilities, and a referenced gas sample, and C-102s for each of the wells currently permitted or drilled within the existing spacing units.

Ownership is diverse between the above-described spacing units, and we have accordingly attached a list of the interest owners (including any owners of royalty or overriding royalty interests) affected by this application, an example of the letters sent by certified mail advising the interest owners that any objections must be filed in writing with the Division within 20 days from the date the Division receives this application, and proof of mailing.

Thank you for your attention to this matter, and please feel free to call if you have any questions or require additional information.

Sincerely,

Adam G. Rankin
ATTORNEY FOR
TAP ROCK OPERATING, LLC

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Form C-107-B
Revised August 1, 2011

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Tap Rock Operating
OPERATOR ADDRESS: 523 Park Point Dr. Suite 200. Golden, CO 80401
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☒ Fee ☐ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☐ Yes ☒ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.
(4) Measurement type: ☐ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? ☒ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

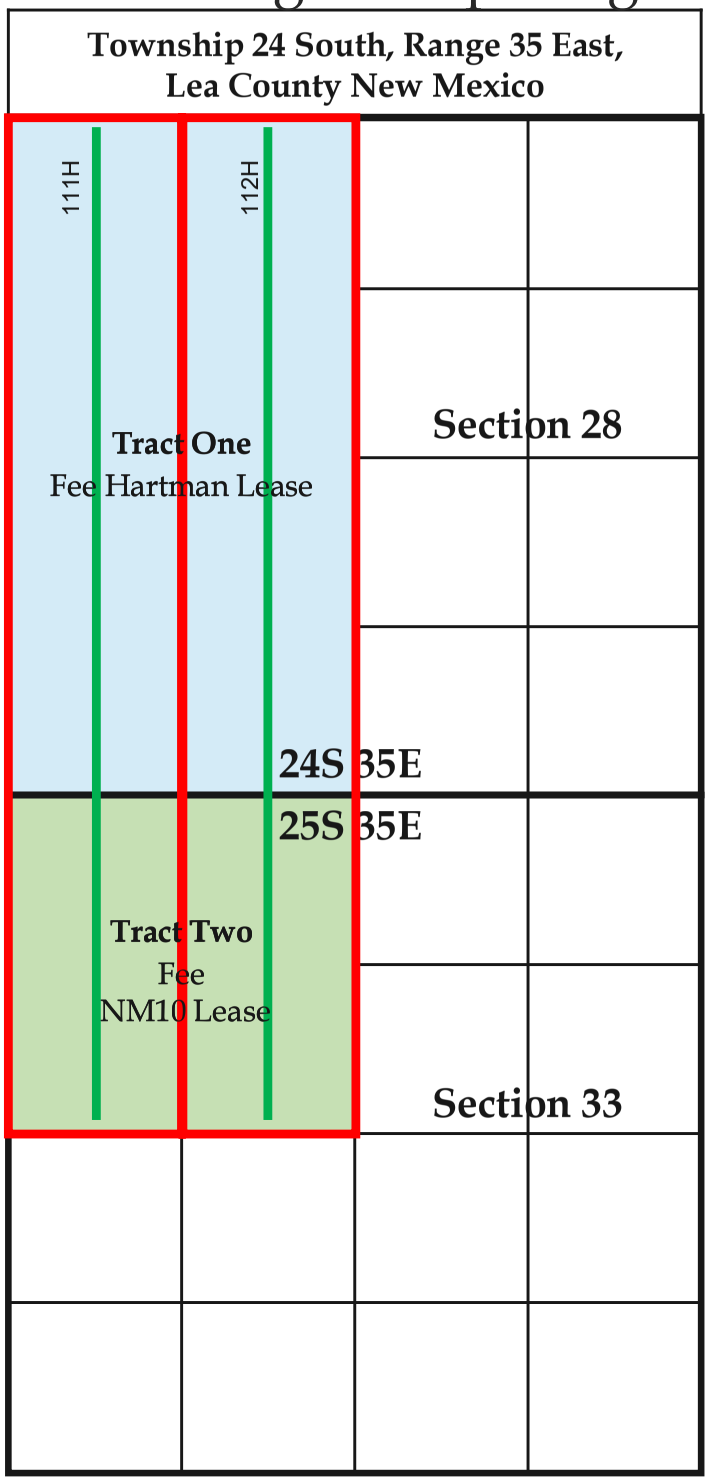
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: _____ TITLE: Regulatory Analyst DATE: 01/03/2022

TYPE OR PRINT NAME Jeff Trlica TELEPHONE NO.: 720-772-5910

E-MAIL ADDRESS: jtrlica@taprk.com

TRR Coonskin Drilling and Spacing Units



Coonskin Fee #111H – W/2W/2
Coonskin Fee #112H – E/2W/2

Tap Rock Coonskin Fee Wells

TAP ROCK RESOURCES, LLC 523 PARK POINT DRIVE, SUITE 200 - GOLDEN, COLORADO 80401

January 7, 2022

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Application of Tap Rock Operating, LLC for administrative approval to surface commingle (pool lease commingle) oil and gas production from the spacing units comprised of W/2 Section 28 & NW/4 Section 33, Township 24S, Range 35E Lea County, New Mexico (the "Lands")

To Whom This May Concern,

Tap Rock Operating, LLC ("Tap Rock"), OGRID No. 372043, requests to commingle current oil and gas production from two (2) distinct wells located on the Lands and future production from the Lands as described herein. The wells will be metered through individual liquid coriolis flow meters for oil and orifice meters for gas. The gas commingling will occur after individual measurement at each well. Gas exiting each well test flows into one gathering line, as depicted on **Exhibit A**, the gas gathering line. Each well on the Lands will have its own test separator with a coriolis flow meter for oil and orifice meter for gas manufactured and assembled in accordance with the American Gas Association (AGA) specifications. All primary and secondary Electronic Flow Measurement (EFM) equipment is tested and calibrated by a reputable third-party measurement company in accordance with industry specifications.

Gas samples are obtained at the time of the meter testing and calibration and the composition and heating value are determined by a laboratory in accordance with the American Petroleum Institute (API) specifications to ensure accurate volume and energy (MMBTU) determinations. We have attached a sample gas analysis from the one producing well on the Lands at **Exhibit B**. (If available)

The flow stream from each wellhead is demonstrated in the Process Flow Diagram (PFD) attached as **Exhibit A** hereto. The PFD shows that the water, oil and gas leave the wellbore and flow into a wellhead test separator which separates each stream. The oil is measured via the coriolis flow meter on each individual well and is calibrated periodically by a third-party measurement company for accuracy. After the oil is individually metered by coriolis flow meters at each well it can be comingled into a heater treater then into the stock tanks or, each well can be isolated into its own individual tank for testing purposes. The gas is measured on a volume and MMBTU basis by an orifice meter on each individual well and supporting EFM equipment in accordance with API Chapter 21.1. The gas is then sent into a gathering line where it is commingled with each of the other well's metered gas. The gathering line is then metered by another orifice meter at the tank battery check meter to show the total volume of gas leaving the tank battery. The tank battery meter is tested and calibrated in accordance with industry specifications and

volume and energy and determined on an hourly, daily and monthly basis. Once the gas exits the final tank battery sales check it travels directly into a third-party sales connect meter. The third-party gas gatherer has its own meter that measures the gas for custody transfer and that meter is also calibrated periodically to ensure measurement accuracy.

In conclusion, all the oil and gas produced on the Lands is and will be metered separately at each wellhead and allocated using accurate measurement equipment according to API specifications.

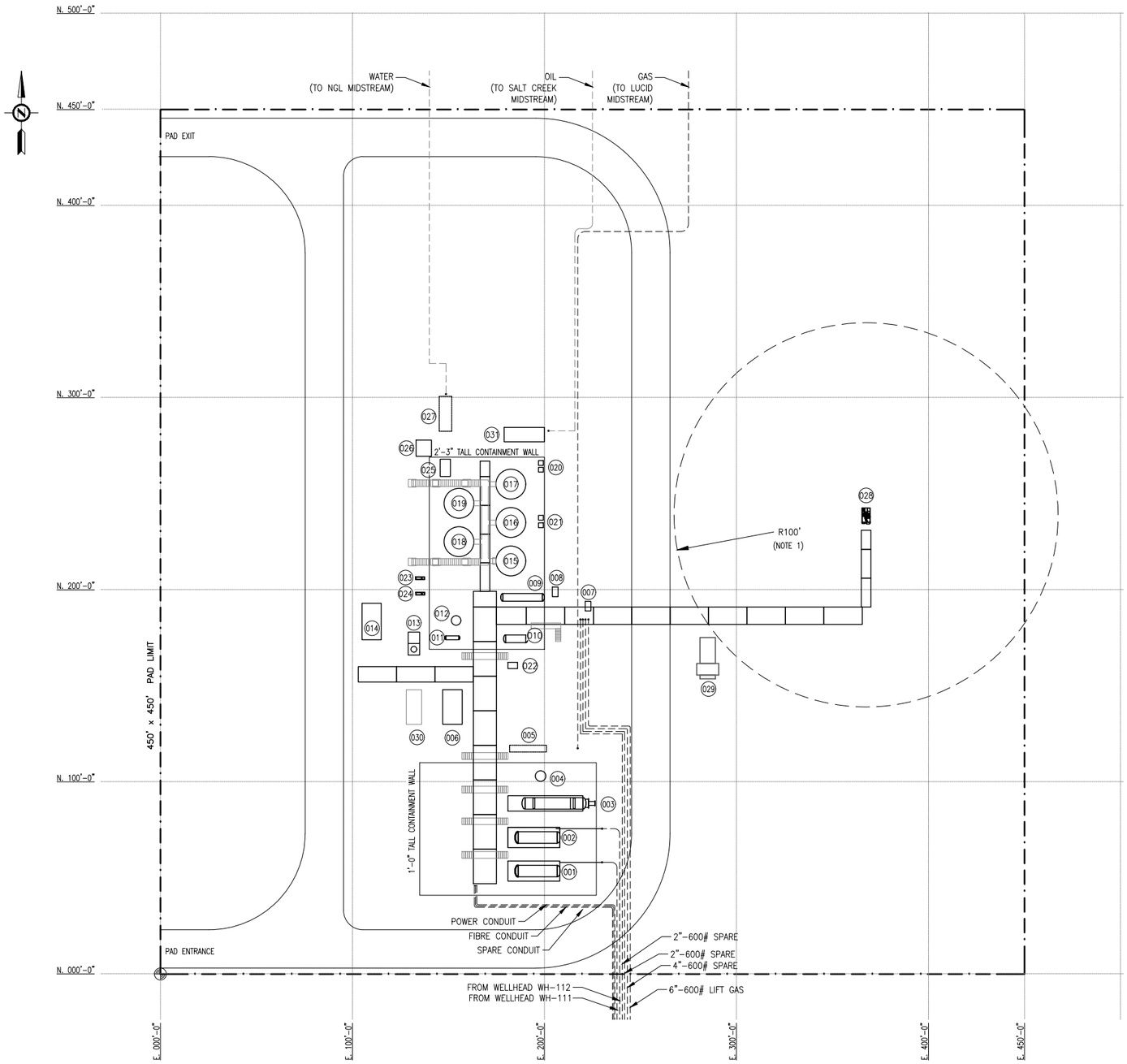
Regards,

TAP ROCK OPERATING, LLC

Jeff Trlica
Regulatory Analyst

APPLICATION FOR ADDITION OF WELLS TO POOL COMMINGLE, STORAGE AND SALES FOR OIL AND GAS PRODUCTION AT COONSKIN CTB

Pool	API	Well Name	Well Number	OCD Unit Letter	Section	Township	Range	Date Online	Oil (MBOD)	GAS (MCFD)	Gravity	BTU/cf
[98294] WC-025 G-07 S243517D; MIDDLE BONE SP	30-025-49260	COONSKIN FEE	#111H	E	33	24S	35E	2/12/2022	1100	2500	48	1200
[98294] WC-025 G-07 S243517D; MIDDLE BONE SP	30-025-49261	COONSKIN FEE	#112H	E	33	24S	35E	2/12/2022	1100	2500	48	1200



PLOT PLAN

EQUIPMENT LIST	
ID	EQUIPMENT TAG/NAME
001	V-1110 INLET SEPARATOR
002	V-1120 INLET SEPARATOR
003	V-2110 HEATER TREATER
004	V-3510 SALES GAS SCRUBBER
005	MT-3710 SALES GAS METERING
006	SK-3110 VAPOR RECOVERY UNIT SKID
007	TANK VAPOR BLOWER ELECTRICAL RACK
008	BL-7210 TANK VAPOR BLOWER
009	V-9110 HP FLARE KNOCKOUT
010	V-9111 LP FLARE KNOCKOUT
011	V-3010 VRU KNOCKOUT
012	V-2210 VRT
013	SK-9210 AIR COMPRESSOR PACKAGE/V-9210 IA RECEIVER
014	SWRK-1 ELECTRICAL SWITCHRACK & PLC
015	TK-5110 OIL PRODUCTION TANK
016	TK-5111 OIL PRODUCTION TANK
017	TK-5112 OIL PRODUCTION TANK
018	TK-6110 WATER PRODUCTION TANK
019	TK-6111 WATER PRODUCTION TANK
020	WATER LOADOUT
021	OIL LOADOUT
022	V-9310 LANSERA SMART PURGE SKID
023	P-5110 OIL RECIRCULATION PUMP
024	P-6110 SWD RECRICULATION PUMP
025	P-8210/8211 SALT WATER DISPOSAL SUCTION FILTERS
026	P-8210/8211 SALT WATER DISPOSAL PUMPS
027	P-8210/8211 SALT WATER DISPOSAL PUMPS METERING
028	FL-9110 FLARE
029	C-9510 GAS LIFT COMPRESSOR (FUTURE)
030	SK-XXXX VAPOR RECOVERY UNIT SKID (FUTURE)
031	SK-8110 OIL LACT SKID

Exhibit A

NOTES:
1. PER N.M RULES, A FLARE STACK SHALL BE LOCATED AT LEAST 100' FROM ANY WELLS OR STORAGE TANKS. FOR FLARE STACK RADIATION ZONE, AT FACILITY DESIGN FLOWS & 20 mph WIND, THE 1500 BTU/ft2-hr ZONE IS APPROX. 25' ABOVE GROUND LEVEL AND THE 750 BTU/ft2-hr ZONE IS APPROX. A 88' RADIUS AT GROUND LEVEL.

REV.	DESCRIPTION	BY	DATE	CHK	APP.	PE
0	ISSUED FOR CONSTRUCTION (VALOR EPC TRE-2021-002)	RP	2021-12-17	BS	LB	KMH

DRAWING NO. | REFERENCE DRAWINGS | DRAWINGS PREPARED BY: VALOR EPC TRE-2021-002

DRAWN: ALC	DATE 2021-09-23	
DESIGNED:	DATE	
CHECKED: KMH	DATE 2021-09-23	
APPROVED: LB	DATE 2021-09-23	
PE: KMH	DATE 2021-09-23	

VALOR EPC | TAP ROCK

TITLE: LSD 33-24S-35E N.M.P.M.
COONSKIN WELLPAD
CTB PAD
PLOT PLAN

SCALE	JOB NO.	DRAWING NO.	REV.
1/32" = 1'-0"	TRE-2021-002	TRE2021002-PP-PLP-0001	0

SCALE ARCHES IF PLOTTED ON SHEET SIZE 'D' (22 X 34")

V:\TAPROCK\TRE-2021-002\52 PIPING\[PLOT PLANS]\PLOT PLAN\TRE2021002-PP-PLP-0001.DWG 2021/12/17 8:06 AM

V-1110/1120 INLET SEPARATORS
V-2110 HEATER TREATER
V-2210 VRT
P-2211 VRT WATER DRAIN PUMP
V-3010 VRU KNOCKOUT
P-3010 VRU KO DRAIN PUMP
BL-7210 TANK VAPOR BLOWER
SK-3110 VRU
V-9110 HP FLARE KNOCKOUT
P-9111 LP FLARE KNOCKOUT PUMP
V-9111 LP FLARE KNOCKOUT
F-9110 FLARE

P-6110 SWD RECIRC PUMP
P-5110 OIL RECIRC PUMP
P-8210/P-8211 SALT WATER DISPOSAL PUMPS
LACT
GAS METERING MT-3710
TK-5110/5111/5112 OIL PRODUCTION TANKS
TK-6110/6111 WATER PRODUCTION TANKS
P-9110 HP FLARE KNOCKOUT PUMP
V-3510 2-PHASE SALES GAS SCRUBBER
FE-91101 LP FLARE METER
FE-91100 HP FLARE METER
BL-9110 FLARE BLOWER

WELLHEAD WH-111H
WELLHEAD WH-112H
V-1110
V-1120
V-3510
V-2110
V-2210
V-3010
P-3010
SK-3110
V-9110
P-9110
V-9111
P-9111
BL-7210
BL-9110
GAS METERING
MT-3710
SALES GAS
FE-91100
FE-91101
F-9110
LACT
OIL PIPELINE
TRUCK LOADOUT
OIL TRUCK LOADOUT VAPOR RETURN
WATER TRUCK LOADOUT VAPOR RETURN
TK-6110/6111
TK-5110/5111/5112
P-6110
P-5110
P-8210/8211
FE-82110 WATER METERING
T0 WATER TRUCKS
TO WATER PIPELINE
GAS
OIL
COND.
REJECT
H2O
FUEL GAS
ESD
CH
PC
PV
PCV
PVC
LC
LCV
LS
SDV
NC
F

THIS DRAWING HAS NOT BEEN PUBLISHED BUT RATHER HAS BEEN PREPARED BY VALOR EPC. FOR USE BY THE CLIENT NAMED IN THE TITLE BLOCK SOLELY IN RESPECT OF THE CONSTRUCTION, OPERATION AND MAINTENANCE OF THE FACILITY NAMED IN THE TITLE BLOCK AND SHALL NOT BE USED FOR ANY OTHER PURPOSE OR FURNISHED TO ANY OTHER PARTY WITHOUT THE EXPRESS CONSENT OF VALOR EPC.

REV.	DESCRIPTION	BY	DATE	CHK	APP.	PE
0	ISSUED FOR CONSTRUCTION (VALOR EPC TRE-2021-002)	RP	2021-12-17	KMH	LB	BS

DRAWING NO. | REFERENCE DRAWINGS

DRAWINGS PREPARED BY: VALOR EPC TRE-2021-002

DRAWN: ALC	DATE 2021-09-23	
DESIGNED:	DATE	
CHECKED: KMH	DATE 2021-09-23	
APPROVED: LB	DATE 2021-09-23	
PE: BS	DATE 2021-09-23	

VALOR EPC | TAP ROCK RESOURCES

TITLE: LSD 33-24S-35E N.M.P.M.
COONSKIN WELLPAD
PROCESS FLOW DIAGRAM
WELL PAD FACILITY

SCALE	JOB NO.	DRAWING NO.	REV.
N.T.S.	TRE-2021-002	TRE2021002-PR-PFD-0001	0

SCALE APPLIES IF PLOTTED ON SIZE "D" (22"x34")

V:\TAPROCK\TRE-2021-002\51 PROCESS\[PFD]\TRE2021002-PR-PFD-0001.DWG 2021/12/17 8:07 AM

Exhibit B

October 8, 2021

FESCO, Ltd.
1100 Fesco Ave. - Alice, Texas 78332

For: Tap Rock Operating LLC
523 Park Point Drive, Suite 200
Golden, Colorado 80401

Sample: Man Hands Federal Com No. 111H
First Stage Separator
Spot Gas Sample @ 174 psig & 110 °F

Date Sampled: 09/24/2021 Job Number: 212776.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	2.000	
Nitrogen	1.261	
Carbon Dioxide	11.561	
Methane	67.388	
Ethane	9.100	2.492
Propane	4.477	1.263
Isobutane	0.743	0.249
n-Butane	1.568	0.506
2-2 Dimethylpropane	0.004	0.002
Isopentane	0.519	0.194
n-Pentane	0.427	0.159
Hexanes	0.455	0.191
Heptanes Plus	0.497	0.206
Totals	100.000	5.263

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity	3.390	(Air=1)
Molecular Weight	97.77	
Gross Heating Value	5136	BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity	0.851	(Air=1)
Compressibility (Z)	0.9957	
Molecular Weight	24.55	
Gross Heating Value		
Dry Basis	1157	BTU/CF
Saturated Basis	1138	BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
Results: 1257.9 Gr/100 CF, 20000 PPMV or 2.000 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (14) LAT
Analyst: RG
Processor: KV
Cylinder ID: T-3987

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd. Job Number: 212776.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	2.000		2.776
Nitrogen	1.261		1.439
Carbon Dioxide	11.561		20.725
Methane	67.388		44.035
Ethane	9.100	2.492	11.146
Propane	4.477	1.263	8.042
Isobutane	0.743	0.249	1.759
n-Butane	1.568	0.506	3.712
2,2 Dimethylpropane	0.004	0.002	0.012
Isopentane	0.519	0.194	1.525
n-Pentane	0.427	0.159	1.255
2,2 Dimethylbutane	0.006	0.003	0.021
Cyclopentane	0.003	0.001	0.009
2,3 Dimethylbutane	0.047	0.020	0.165
2 Methylpentane	0.140	0.060	0.491
3 Methylpentane	0.096	0.040	0.337
n-Hexane	0.163	0.069	0.572
Methylcyclopentane	0.059	0.021	0.202
Benzene	0.018	0.005	0.057
Cyclohexane	0.078	0.027	0.267
2-Methylhexane	0.022	0.010	0.090
3-Methylhexane	0.026	0.012	0.106
2,2,4 Trimethylpentane	0.006	0.003	0.028
Other C7's	0.032	0.014	0.129
n-Heptane	0.040	0.019	0.163
Methylcyclohexane	0.060	0.025	0.240
Toluene	0.050	0.017	0.188
Other C8's	0.038	0.018	0.171
n-Octane	0.012	0.006	0.056
Ethylbenzene	0.006	0.002	0.026
M & P Xylenes	0.013	0.005	0.056
O-Xylene	0.003	0.001	0.013
Other C9's	0.016	0.008	0.082
n-Nonane	0.004	0.002	0.021
Other C10's	0.007	0.004	0.040
n-Decane	0.001	0.001	0.006
Undecanes (11)	0.006	0.004	0.038
Totals	100.000	5.263	100.000

Computed Real Characteristics of Total Sample		
Specific Gravity	0.851	(Air=1)
Compressibility (Z)	0.9957	
Molecular Weight	24.55	
Gross Heating Value		
Dry Basis	1157	BTU/CF
Saturated Basis	1138	BTU/CF

October 8, 2021

FESCO, Ltd.
1100 Fesco Ave. - Alice, Texas 78332

Sample: Man Hands Federal Com No. 111H
First Stage Separator
Spot Gas Sample @ 174 psig & 110 °F

Date Sampled: 09/24/2021 Job Number: 212776.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	11.561		20.725
Hydrogen Sulfide	2.000		2.776
Nitrogen	1.261		1.439
Methane	67.388		44.035
Ethane	9.100	2.492	11.146
Propane	4.477	1.263	8.042
Isobutane	0.743	0.249	1.759
n-Butane	1.572	0.508	3.724
Isopentane	0.519	0.194	1.525
n-Pentane	0.427	0.159	1.255
Cyclopentane	0.003	0.001	0.009
n-Hexane	0.163	0.069	0.572
Cyclohexane	0.078	0.027	0.267
Other C6's	0.289	0.122	1.014
Heptanes	0.179	0.077	0.690
Methylcyclohexane	0.060	0.025	0.240
2,2,4 Trimethylpentane	0.006	0.003	0.028
Benzene	0.018	0.005	0.057
Toluene	0.050	0.017	0.188
Ethylbenzene	0.006	0.002	0.026
Xylenes	0.016	0.006	0.069
Octanes Plus	0.084	0.044	0.414
Totals	100.000	5.263	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity	4.188	(Air=1)
Molecular Weight	120.80	
Gross Heating Value	6409	BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity	0.851	(Air=1)
Compressibility (Z)	0.9957	
Molecular Weight	24.55	
Gross Heating Value		
Dry Basis	1157	BTU/CF
Saturated Basis	1138	BTU/CF

October 19, 2021

FESCO, Ltd.
1100 FESCO Avenue - Alice, Texas 78332

For: Tap Rock Operating LLC
523 Park Point Drive, Suite 200
Golden, Colorado 80401

Sample: Man Hands Federal Com No. 111H
First Stage Separator Hydrocarbon Liquid
Sampled @ 174 psig & 110 °F

Date Sampled: 09/24/2021 Job Number: 212776.002

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2186-M

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.031	0.006	0.006
Carbon Dioxide	1.093	0.328	0.339
Methane	3.809	1.134	0.431
Ethane	2.762	1.298	0.585
Propane	4.232	2.048	1.315
Isobutane	1.500	0.862	0.614
n-Butane	4.585	2.540	1.878
2,2 Dimethylpropane	0.058	0.039	0.029
Isopentane	3.393	2.180	1.725
n-Pentane	3.710	2.363	1.886
2,2 Dimethylbutane	0.064	0.047	0.039
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.445	0.321	0.270
2 Methylpentane	2.128	1.552	1.292
3 Methylpentane	1.527	1.095	0.927
n-Hexane	3.204	2.315	1.945
Heptanes Plus	67.459	81.871	86.719
Totals:	100.000	100.000	100.000

Characteristics of Heptanes Plus:

Specific Gravity	0.8371	(Water=1)
°API Gravity	37.54	@ 60°F
Molecular Weight	182.4	
Vapor Volume	14.20	CF/Gal
Weight	6.97	Lbs/Gal

Characteristics of Total Sample:

Specific Gravity	0.7903	(Water=1)
°API Gravity	47.55	@ 60°F
Molecular Weight	141.9	
Vapor Volume	17.23	CF/Gal
Weight	6.58	Lbs/Gal

Base Conditions: 15.025 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (14) L. Turner
Analyst: JL
Processor: ANBdjv
Cylinder ID: W-0925

Conan Pierce 361-661-7015

FESCO, Ltd. Job Number: 212776.002

TANKS DATA INPUT REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	1.093	0.328	0.339
Nitrogen	0.031	0.006	0.006
Methane	3.809	1.134	0.431
Ethane	2.762	1.298	0.585
Propane	4.232	2.048	1.315
Isobutane	1.500	0.862	0.614
n-Butane	4.643	2.579	1.907
Isopentane	3.393	2.180	1.725
n-Pentane	3.710	2.363	1.886
Other C-6's	4.164	3.015	2.528
Heptanes	5.865	4.277	3.892
Octanes	8.011	6.343	6.014
Nonanes	5.263	4.899	4.701
Decanes Plus	39.530	60.688	65.908
Benzene	0.235	0.115	0.129
Toluene	3.418	2.011	2.219
E-Benzene	1.187	0.805	0.888
Xylenes	3.734	2.534	2.793
n-Hexane	3.204	2.315	1.945
2,2,4 Trimethylpentane	0.217	0.198	0.174
Totals:	100.000	100.000	100.000

Characteristics of Total Sample:

Specific Gravity	0.7903	(Water=1)
°API Gravity	47.55	@ 60°F
Molecular Weight	141.9	
Vapor Volume	17.23	CF/Gal
Weight	6.58	Lbs/Gal

Characteristics of Decanes (C10) Plus:

Specific Gravity	0.8582	(Water=1)
Molecular Weight	236.6	

Characteristics of Atmospheric Sample:

°API Gravity	42.83	@ 60°F
Reid Vapor Pressure Equivalent (D-6377)	9.26	psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	------	W-0925*	W-1760
Pressure, PSIG	174	165	165
Skin Temperature, °F	110	110	110

* Sample used for analysis

FESCO, Ltd. Job Number: 212776.002

TOTAL EXTENDED REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.031	0.006	0.006
Carbon Dioxide	1.093	0.328	0.339
Methane	3.809	1.134	0.431
Ethane	2.762	1.298	0.585
Propane	4.232	2.048	1.315
Isobutane	1.500	0.862	0.614
n-Butane	4.585	2.540	1.878
2,2 Dimethylpropane	0.058	0.039	0.029
Isopentane	3.393	2.180	1.725
n-Pentane	3.710	2.363	1.886
2,2 Dimethylbutane	0.064	0.047	0.039
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.445	0.321	0.270
2 Methylpentane	2.128	1.552	1.292
3 Methylpentane	1.527	1.095	0.927
n-Hexane	3.204	2.315	1.945
Methylcyclopentane	0.688	0.428	0.408
Benzene	0.235	0.115	0.129
Cyclohexane	1.469	0.879	0.871
2-Methylhexane	0.625	0.511	0.441
3-Methylhexane	0.735	0.593	0.519
2,2,4 Trimethylpentane	0.217	0.198	0.174
Other C-7's	0.677	0.512	0.473
n-Heptane	1.672	1.355	1.180
Methylcyclohexane	2.980	2.105	2.061
Toluene	3.418	2.011	2.219
Other C-8's	3.414	2.782	2.651
n-Octane	1.617	1.456	1.302
E-Benzene	1.187	0.805	0.888
M & P Xylenes	2.841	1.937	2.125
O-Xylene	0.893	0.597	0.668
Other C-9's	3.880	3.531	3.451
n-Nonane	1.383	1.368	1.250
Other C-10's	5.293	5.294	5.268
n-decane	1.291	1.393	1.295
Undecanes(11)	4.725	4.849	4.894
Dodecanes(12)	3.446	3.820	3.910
Tridecanes(13)	3.272	3.889	4.035
Tetradecanes(14)	2.849	3.627	3.814
Pentadecanes(15)	2.356	3.213	3.419
Hexadecanes(16)	2.000	2.915	3.128
Heptadecanes(17)	1.672	2.578	2.793
Octadecanes(18)	1.493	2.423	2.641
Nonadecanes(19)	1.434	2.423	2.657
Eicosanes(20)	1.191	2.093	2.308
Heneicosanes(21)	0.972	1.797	1.993
Docosanes(22)	0.857	1.651	1.842
Tricosanes(23)	0.740	1.477	1.657
Tetracosanes(24)	0.646	1.336	1.506
Pentacosanes(25)	0.570	1.224	1.385
Hexacosanes(26)	0.494	1.098	1.248
Heptacosanes(27)	0.458	1.058	1.208
Octacosanes(28)	0.404	0.964	1.105
Nonacosanes(29)	0.370	0.911	1.048
Triacontanes(30)	0.312	0.791	0.913
Hentriacontanes Plus(31+)	2.684	9.863	11.840
Total	100.000	100.000	100.000

October 19, 2021

FESCO, Ltd.
1100 Fesco Avenue - Alice, Texas 78332

For: Tap Rock Operating LLC
523 Park Point Drive, Suite 200
Golden, Colorado 80401

Date Sampled: 09/24/21

Date Analyzed: 10/05/21

Sample: Man Hands Federal Com No. 111H

Job Number: J212776

FLASH LIBERATION OF HYDROCARBON LIQUID		
	Separator HC Liquid	**Stock Tank**
Pressure, psig	174	0
Skin Temperature, °F	110	70
Gas Oil Ratio (1)	------	92.7
Gas Specific Gravity (2)	------	1.315
Separator Volume Factor (3)	1.0775	1.000

STOCK TANK FLUID PROPERTIES	
Shrinkage Recovery Factor (4)	0.9281
Oil API Gravity at 60 °F	42.83
Reid Vapor Pressure Equivalent (D-6377), psi (5)	9.26

Quality Control Check			
	Sampling Conditions	**Test Samples**	
Cylinder No.	------	W-0925*	W-1760
Pressure, psig	174	165	165
Temperature, °F	110	110	110

(1) - Scf of flashed vapor per barrel of stock tank oil
(2) - Air = 1.000
(3) - Separator volume / Stock tank volume
(4) - Fraction of first stage separator liquid
(5) - Absolute pressure at 100 deg F
Analyst: E.T. III
* Sample used for flash study
Base Conditions: 15.025 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

October 15, 2021

FESCO, Ltd.
1100 Fesco Ave. - Alice, Texas 78332

For: Tap Rock Operating LLC
523 Park Point Drive, Suite 200
Golden, Colorado 80401

Sample: Man Hands Federal Com No. 111H
Gas Evolved from Hydrocarbon Liquid Flashed
From 174 psig & 110 °F to 0 psig & 70 °F

Date Sampled: 09/24/2021 Job Number: 212776.011

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	2.000	
Nitrogen	0.204	
Carbon Dioxide	9.513	
Methane	29.849	
Ethane	18.334	5.062
Propane	18.732	5.328
Isobutane	4.031	1.362
n-Butane	8.917	2.902
2-2 Dimethylpropane	0.039	0.015
Isopentane	2.960	1.118
n-Pentane	2.413	0.903
Hexanes	1.640	0.697
Heptanes Plus	1.368	0.556
Totals	100.000	17.943

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity	3.315	(Air=1)
Molecular Weight	94.83	
Gross Heating Value	4977	BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity	1.315	(Air=1)
Compressibility (Z)	0.9878	
Molecular Weight	37.63	
Gross Heating Value		
Dry Basis	1960	BTU/CF
Saturated Basis	1926	BTU/CF

*Hydrogen Sulfide tested in laboratory by: Stain Tube Method (GPA 2377)
Results: 1257.9 Gr/100 CF, 20000 PPMV or 2.000 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (16) ET III
Analyst: RG
Processor: KV
Cylinder ID: FL-21S

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd. Job Number: 212776.011

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	2.000		1.811
Nitrogen	0.204		0.152
Carbon Dioxide	9.513		11.126
Methane	29.849		12.727
Ethane	18.334	5.062	14.651
Propane	18.732	5.328	21.952
Isobutane	4.031	1.362	6.226
n-Butane	8.917	2.902	13.774
2,2 Dimethylpropane	0.039	0.015	0.075
Isopentane	2.960	1.118	5.676
n-Pentane	2.413	0.903	4.627
2,2 Dimethylbutane	0.025	0.011	0.057
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.177	0.075	0.405
2 Methylpentane	0.512	0.219	1.173
3 Methylpentane	0.343	0.145	0.786
n-Hexane	0.583	0.248	1.335
Methylcyclopentane	0.203	0.072	0.454
Benzene	0.058	0.017	0.120
Cyclohexane	0.256	0.090	0.572
2-Methylhexane	0.063	0.030	0.168
3-Methylhexane	0.074	0.035	0.197
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.116	0.052	0.306
n-Heptane	0.109	0.052	0.290
Methylcyclohexane	0.168	0.070	0.438
Toluene	0.126	0.044	0.309
Other C8's	0.090	0.043	0.264
n-Octane	0.025	0.013	0.076
Ethylbenzene	0.011	0.004	0.031
M & P Xylenes	0.021	0.008	0.059
O-Xylene	0.005	0.002	0.014
Other C9's	0.029	0.015	0.097
n-Nonane	0.004	0.002	0.014
Other C10's	0.007	0.004	0.026
n-Decane	0.001	0.001	0.004
Undecanes (11)	0.002	0.001	0.008
Totals	100.000	17.943	100.000

Computed Real Characteristics Of Total Sample:

Specific Gravity	1.315	(Air=1)
Compressibility (Z)	0.9878	
Molecular Weight	37.63	
Gross Heating Value		
Dry Basis	1960	BTU/CF
Saturated Basis	1926	BTU/CF

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	[2]Pool Code	[3]Pool Name
30-025-49260	98294	WC-025 G-07 S243517D;MIDDLE BONE SPRING

[4]Property Code	[5]Property Name	[6]Well Number
331322	COONSKIN FEE	111H

[7]OGRID No.	[8]Operator Name	[9]Elevation
372043	TAP ROCK OPERATING, LLC.	3291'

[10]Surface Location

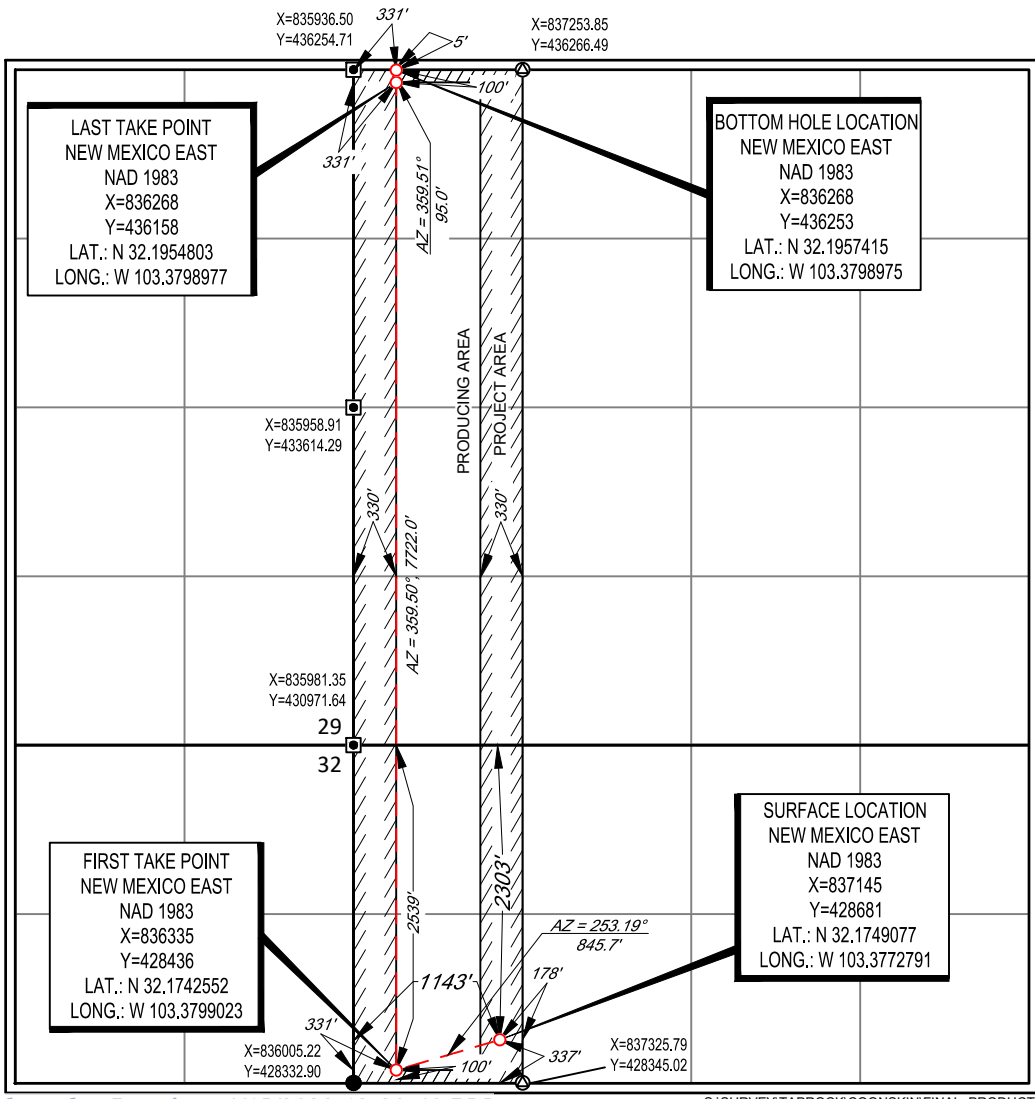
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	24-S	35-E	–	2303'	NORTH	1143'	WEST	LEA

[11]Bottom 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	331'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
240			

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.



[17]OPERATOR 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.

Signature — Date: 7/28/2021

Bill Ramsey
Printed Name

bramsey@taprk.com
E-mail Address

[18]SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

07/21/2021
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\TAPROCK\COONSKIN\FINAL_PRODUCTS\LO_COONSKIN_FEE_111H_REV1.DWG 7/23/2021 2:17:05 PM kmatheny

District I
1625 N. French Dr., Hobbs, NM 88240
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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	[2]Pool Code	[3]Pool Name
30-025-49261	98294	WC-025 G-07 S243517D;MIDDLE BONE SPRING

[4]Property Code	[5]Property Name	[6]Well Number
331322	COONSKIN FEE	112H

[7]OGRID No.	[8]Operator Name	[9]Elevation
372043	TAP ROCK OPERATING, LLC.	3301'

[10]Surface Location

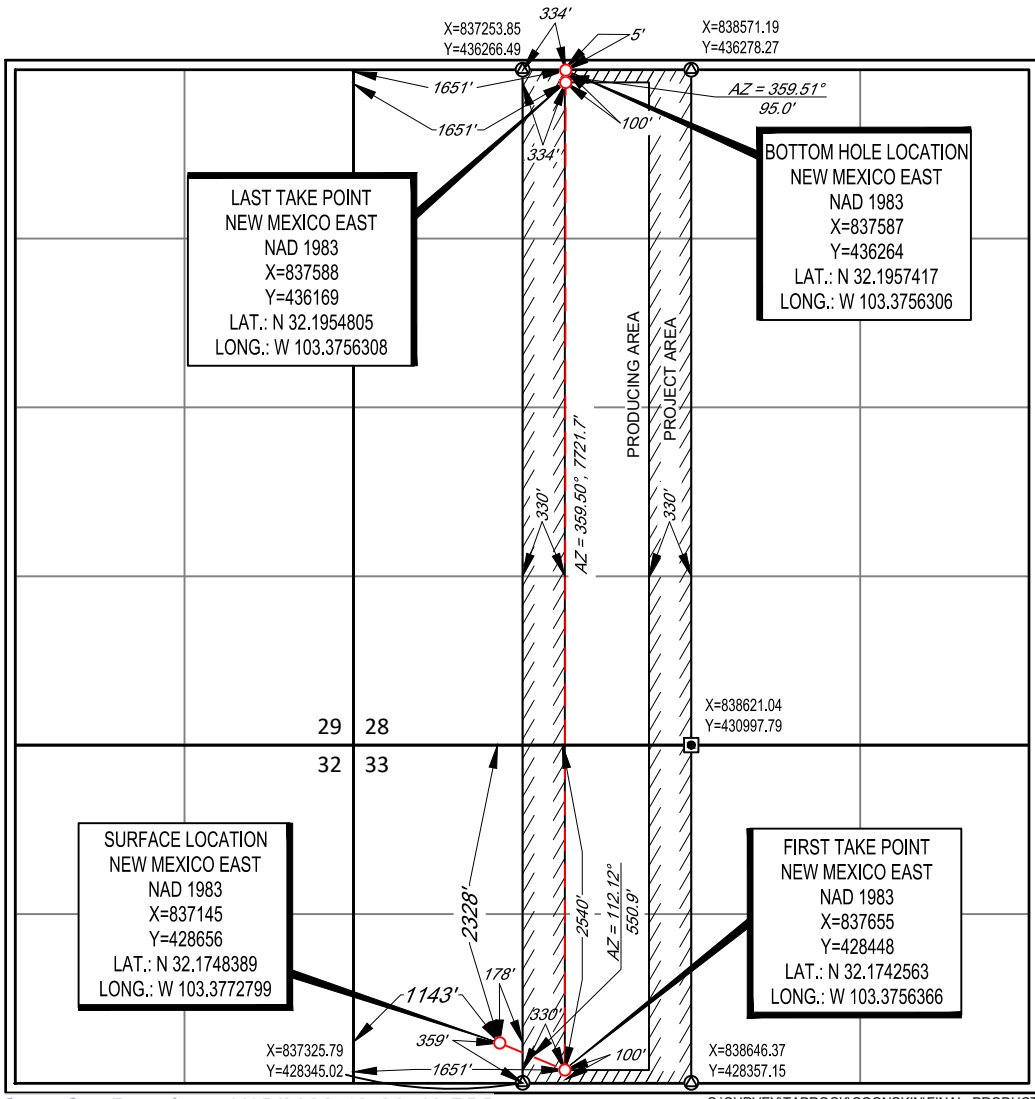
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	24-S	35-E	–	2328'	NORTH	1143'	WEST	LEA

[11]Bottom 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
C	28	24-S	35-E	–	5'	NORTH	1651'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
240			

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.



[17]OPERATOR 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.

Signature — Date: 7/28/2021

Bill Ramsey
Printed Name

bramsey@taprk.com
E-mail Address

[18]SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

07/21/2021
Date of Survey
Signature and Seal of Professional Surveyor:

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

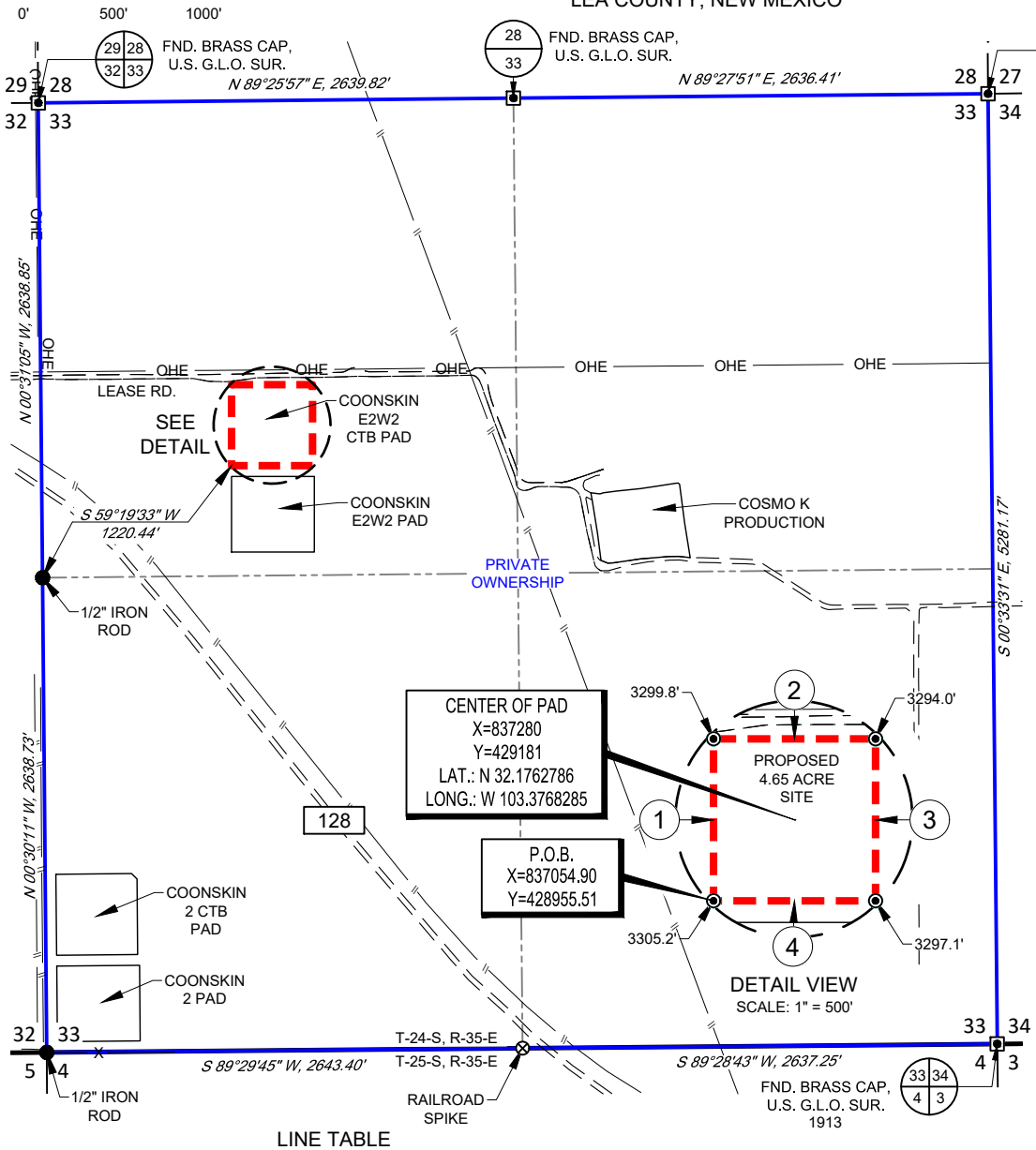
Certificate Number

S:\SURVEY\TAPROCK\COONSKIN\FINAL_PRODUCTS\LO_COONSKIN_FEE_112H_REV1.DWG 7/23/2021 3:09:42 PM amattson

SCALE: 1" = 1000'

0' 500' 1000'

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



LINE TABLE

LINE	BEARING	DISTANCE
1	N 00°00'00" W	450.00'
2	N 90°00'00" E	450.00'
3	S 00°00'00" E	450.00'
4	N 90°00'00" W	450.00'

COONSKIN E2W2 CTB PAD

Metes and Bounds Description of a proposed 4.65 acre CTB pad site located within Section 33, Township 24 South, Range 35 East, N.M.P.M., in Lea County, New Mexico.

BEGINNING at a 1/2" iron rod with cap stamped "Topographic" set for the Southwest corner of this site, from whence a 1/2" iron rod found for the West quarter corner of said Section 33, bears:
S 59°19'33" W, a distance of 1,220.44 feet;

Thence N 00°00'00" W, a distance of 450.00 feet to a 1/2" iron rod with cap stamped "Topographic" set for the Northwest corner of this site;

Thence N 90°00'00" E, a distance of 450.00 feet to a 1/2" iron rod with cap stamped "Topographic" set for the Northeast corner of this site;

Thence S 00°00'00" E, a distance of 450.00 feet to a 1/2" iron rod with cap stamped "Topographic" set for the Southeast corner of this site;

Thence N 90°00'00" W, a distance of 450.00 feet to the Point of Beginning.

LEGEND

- TOWNSHIP LINE
- SECTION LINE
- QUARTER SECTION LINE
- PROPOSED SITE
- TRACT BORDER
- ROAD WAY
- EXISTING PIPELINE
- OHE — OVERHEAD ELECTRIC
- IRON ROD SET
- MONUMENT
- IRON ROD FOUND
- SPIKE

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Ramon A. Dominguez, P.S. No. 24508
July 22, 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

TAP ROCK

COONSKIN E2W2 CTB PAD	REVISION:	
	IMU	07/22/2021
DATE: 12/9/20		
FILE: BO_COONSKIN_E2W2_CTB_PAD_REV1		
DRAWN BY: MML		
SHEET : 1 OF 1		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY TAP ROCK OPERATING, LLC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
4. P.O.B. = POINT OF BEGINNING
5. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.

S:\SURVEY\TAPROCK\COONSKIN\FINAL_PRODUCTS\BO_COONSKIN_E2W2_CTB_PAD_REV1.DWG 7/23/2021 12:36:19 PM kmatheny

Adam G. Rankin
Phone (505) 954-7294
Fax (505) 819-5579
AGRankin@hollandhart.com

January 21, 2022

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of Tap Rock Operating, LLC for administrative approval to surface commingle lease commingle) oil and gas production at the Coonskin Central Tank Battery located in the NW/4 of Section 33, Township 24 South, Range 35 East, and to add additional wells.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application, which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from this date at the Division's Santa Fe office located at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Dana Arnold
General Counsel
Tap Rock Operating, LLC
(720) 460-3497

Sincerely,

Adam G. Rankin
ATTORNEY FOR
TAP ROCK OPERATING, LLC

ADDR1	ADDR2	ADDR3	ADDR4	ADDR5
Tap Rock Resources LLC	523 Park Point Drive,	Golden	CO	80401
Tap Rock NM10 Minerals, LLC	523 Park Point Drive,	Golden	CO	80401
Dion Edwin Hartman	7689 Pine Grave Ave	Kingman	AZ	86401
Crownrock Minerals LP	PO Box 51933	Kingman	AZ	86401
Chilmark Properties LLC	110 W Louisiana Ave, Suite 404	Midland	TX	79701
New Mexico Department of Transportation	PO Box 1149	Santa Fe	NM	87504-1149

Parent ID	Mail Date	Name	Address 1	City	ST	Zip	Mail Class	Tracking No	Well
31309	01/21/2022	Tap Rock Resources LLC	523 Park Point Dr Ste 200	Golden	CO	80401-9387	Certified with Return Receipt (Signature)	9414811898765849247375	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 1
31309	01/21/2022	Tap Rock NM10 Minerals, LLC	523 Park Point Dr Ste 200	Golden	CO	80401-9387	Certified with Return Receipt (Signature)	9414811898765849247061	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 2
31309	01/21/2022	Dion Edwin Hartman	7689 E Pine Grave Ave	Kingman	AZ	86401-8139	Certified with Return Receipt (Signature)	9414811898765849247092	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 3
31309	01/21/2022	Crownrock Minerals LP	PO Box 51933	Kingman	AZ	86401	Certified with Return Receipt (Signature)	9414811898765849247085	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 4
31309	01/21/2022	Chilmark Properties LLC	110 W Louisiana Ave Ste 404	Midland	TX	79701-3486	Certified with Return Receipt (Signature)	9414811898765849247412	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 5
31309	01/21/2022	New Mexico Department of Transportation	PO Box 1149	Santa Fe	NM	87504-1149	Certified with Return Receipt (Signature)	9414811898765849247467	71710 - Tap Rock - Coonskin Commingling NSL Notice list 18103012v1 - 6

From: Adam Rankin
To: McClure, Dean, EMNRD
Cc: Chris K. LeCates
Subject: [EXTERNAL] RE: surface commingling application CTB-1033
Date: Monday, April 11, 2022 10:52:17 AM

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dean,

We have confirmed that each of the tracts identified below are either subject to a pooling agreement or a pooling order and are, therefore, considered "leases" as defined by the rule.

Thank you.

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Friday, April 8, 2022 2:31 PM
To: Adam Rankin <AGRankin@hollandhart.com>
Subject: surface commingling application CTB-1033

External Email

Mr. Rankin,

I am reviewing surface commingling application CTB-1033 which involves a commingling project that includes the Coonskin Central Tank Battery and is operated by Tap Rock Operating, LLC (372043).

Please confirm that there are pooling agreements in place such that the following tracts are considered "leases" as defined by 19.15.12.7(C) NMAC:

Pooled Area	W/2 W/2	28-24S-35E
	W/2 NW/4	33-24S-35E
Pooled Area	E/2 W/2	28-24S-35E
	E/2 NW/4	33-24S-35E

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Engineer, OCD, EMNRD
To: Adam Rankin
Cc: McClure, Dean, EMNRD; Kautz, Paul, EMNRD; Wrinkle, Justin, EMNRD; Powell, Brandon, EMNRD; lisa@rwbyram.com
Subject: Approved Administrative Order CTB-1033
Date: Friday, April 15, 2022 11:04:04 AM
Attachments: CTB1033 Order.pdf

NMOCD has issued Administrative Order CTB-1033 which authorizes Tap Rock Operating, LLC (372043) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-49260	Coonskin Fee #111H	W/2 W/2 W/2 NW/4	28-24S-35E 33-24S-35E	98294
30-025-49261	Coonskin Fee #112H	E/2 W/2 E/2 NW/4	28-24S-35E 33-24S-35E	98294

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY TAP ROCK OPERATING, LLC **ORDER NO. CTB-1033**

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Tap Rock Operating, LLC ("Applicant") submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A ("Application").
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
6. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.

CONCLUSIONS OF LAW

8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.

9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.

10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.

11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.

12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.

13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.

14. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

   Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery described in Exhibit A.

   Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

   Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A at a central tank battery described in Exhibit A.

2. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.

3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.

4. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.

5. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.

6. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.

7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

8. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC.

9. If a well is not included in Exhibit A but produces from a pool or lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well and proposed method to determine the allocation of oil and gas production to it.

10. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.

11. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).

12. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

DATE: 4/15/2022

ADRIENNE E. SANDOVAL
DIRECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: CTB-1033
Operator: Tap Rock Operating, LLC (372043)
Central Tank Battery: Coonskin Central Tank Battery
Central Tank Battery Location: NW/4, Section 33, Township 24 South, Range 35 East
Gas Title Transfer Meter Location: NW/4, Section 33, Township 24 South, Range 35 East

Pools

Pool Name	Pool Code
WC-025 G-07 S243517D; MIDDLE BONE SP	98294

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
Pooled Area	W/2 W/2 W/2 NW/4	28-24S-35E 33-24S-35E
Pooled Area	E/2 W/2 E/2 NW/4	28-24S-35E 33-24S-35E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
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30-025-49261	Coonskin Fee #112H	E/2 W/2 E/2 NW/4	28-24S-35E 33-24S-35E	98294

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 74767

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 74767
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	4/15/2022