

RCHJU-201109-C-107B PLC-527-A

RECEIVED: 11/9/20	REVIEWER: DM	TYPE: PLC	APP NO: pMAM1828542223
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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: Tap Rock Operating, LLC **OGRID Number:** 372043
Well Name: PLC-527 ----- Zeus State #106H, #144H, #173H, #186H wells **API:** 30-025-45843, 46623, 45844, 45845
Pool: Triple X; Bone Spring, West **Pool Code:** 96674

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

- 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

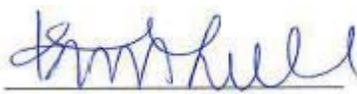
FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

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.

Kaitlyn A. Luck _____
 Date

Print or Type Name

 _____
 Signature

11/09/2020
 Date

505-954-7286
 Phone Number

kaluck@hollandhart.com
 e-mail Address



Kaitlyn A. Luck
 Phone (505) 954-7286
 KALuck@hollandhart.com

November 9, 2020

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, to amend Surface Commingling Order PLC-527 to add certain wells and spacing unit, and to authorize pool commingling, off-lease storage, off-lease measurement, and off-lease marketing at the Zeus Tank Battery located in the SE/4 SE/4 (Unit P) of Section 9, Township 24 South, Range 33 East, NMPM, Lea County, New Mexico.

Dear Ms. Sandoval:

Under Administrative Order PLC-527, attached as **Exhibit 1**, the Division approved Tap Rock Operating, LLC's (OGRID No. 372043) ("Tap Rock") request for pool commingling, off-lease storage, off-lease measurement, and off-lease marketing at the Zeus Tank Battery of production from the following spacing units:

- (a) The 160-acre spacing unit comprised of the E/2 E/2 of Section 9, in the WC-025 G-09 S243310P; Upper Wolfcamp Pool (98135) in the Wolfcamp formation, which is currently dedicated to the **Zeus 24S33E0909 State #228H** (API No. 30-025-44525) and the **Zeus 24S33E0909 State #204H well** (API No. 30-025-44473); and
- (b) The 160-acre spacing unit comprised of the E/2 E/2 of Section 9, in the Triple X; Bone Spring, West (Pool Code 96674) in the Bone Spring formation, which is currently dedicated to the **Zeus 24S33E0909 State #108H** (API No. 30-025-44523) and the **Zeus 24S33E0909 State #188H** (API No. 30-025-44524).

Pursuant to 19.15.12.7 NMAC, Tap Rock seeks to amend the terms of Administrative Order PLC-527 to add to the terms of the order production from *all existing and future infill wells drilled in the following spacing unit:*

November 9, 2020

Page 2

(a) The 160-acre, more or less, spacing unit in the Triple X; Bone Spring, West (Pool Code 96674) underlying the W/2 E/2 of Section 9. The spacing unit is currently dedicated to the **Zeus State #106H well** (API No. 30-025-45843), the **Zeus State #144H well** (API No. 30-025-46623), the **Zeus State #173H well** (API No. 30-025-45844), and the **Zeus State #186H well** (API No. 30-025-45845); and

(b) Pursuant to 19.15.12.10.C(4)(g), *future spacing units connected to this central tank battery* with notice provided only to the interest owners within the future spacing units.

Oil and gas production from these “spacing units” will be commingled and sold at the Zeus Tank Battery located in the SE/4 SE/4 of Section 9. Prior to commingling, gas production from each “spacing unit” will be separately metered using individual test separators with calibrated orifice meters that are manufactured to AGA specifications. Oil production from each “spacing unit” will also be separately metered using turbine meters.

Exhibit 2 is a C-102 for each of the wells currently permitted or drilled within the existing spacing units. There are no available production reports for the wells.

Exhibit 3 is a completed Application for Surface Commingling (Diverse Ownership) Form C-107-B, that includes a statement from Bill Ramsey, Regulatory Analyst with Tap Rock, identifying the facilities and the measurement devices to be utilized, a detailed schematic of the surface facilities (attachment A to the statement) and a referenced gas sample (attachment B to the statement).

Exhibit 4 is 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. A copy of this application has been provided to the New Mexico State Land Office since state lands are involved.

Finally, there are no communitization agreements for the acreage subject to this application because the subject spacing units are located on a single state lease.

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

Sincerely,



Kaitlyn A. Luck
ATTORNEY FOR TAP ROCK OPERATING, LLC

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



November 28, 2018

Surface Commingling Order PLC-527

TAP ROCK OPERATING, LLC
Attention: Ms. Jordan Kessler

Pursuant to your application received on October 29, 2018, Tap Rock Operating, LLC (OGRID 372043) is hereby authorized to surface commingle oil and gas production and off lease-measure from the following pools located in Section 9, Township 24 South, Range 33 East, NMPM, Lea County, New Mexico;

TRIPLE X; BONE SPRING, WEST (OIL) (96674)
WILDCAT; WOLFCAMP (OIL) (98135)

and from the following diversely owned state wells and leases in said Section, Township, and Range in Lea County, New Mexico.

Lease: Zeus 24S33E0909 State Well No. 204H Lease
Description: E/2 E/2 of Section 9
Wells: Zeus 24S33E0909 State Well No. 204H API 30-025-44473
Zeus 24S33E0909 State Well No. 228H API 30-025-44525
Pool: Wildcat; Wolfcamp (Oil)

Lease: Zeus 24S33E0909 State Well No. 108H Lease
Description: E/2 E/2 of Section 9
Wells: Zeus 24S33E0909 State Well No. 108H API 30-025-44523
Zeus 24S33E0909 State Well No. 188H API 30-025-44524
Pool: Triple X; Bone Spring, West

The commingled oil and gas production from the wells shall be measured and sold at the Zeus Facility Central Tank Battery (CTB), located in Unit P of Section 9, Township 24 South, Range 33 East, NMPM, Lea County, New Mexico.

Production from the subject wells shall be determined as follows:

The oil and gas production from each well will flow into a dedicated 3-phase separator. The production stream will be separated into 3 independent streams by the separator and each stream will be measured individually after it exits the separator, before commingling.

Administrative Order PLC-527
Tap Rock Operating, LLC
November 28, 2018
Page 2 of 2

The allocation meters shall be calibrated quarterly in accordance with Division Rule 19.15.12.10.C (2) NMAC.

This installation shall be installed and operated in accordance with the applicable Division Rules and Regulations.

The Operator shall notify the transporter of this commingling authority and the Hobbs District Office prior to implementation of commingling operations.

For future additions of wells and leases to this commingling operation, notice shall only be given to those interest owners in the wells and leases to be added, in accordance with Division Rule 19.15.12.10 C (4) (g) NMAC.

Subsequently drilled wells that produce from the subject pool within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.



HEATHER RILEY
Director

HR/mam

cc: Oil Conservation Division – Hobbs
New Mexico State Land Office – Oil, Gas, and Minerals

EXHIBIT 2

FORM C-102

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised August 1, 2011

Submit one copy to appropriate

District Office

AMENDED REPORT
AS-DRILLED

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45843		² Pool Code 96674		³ Pool Name TRIPLE X, BONE SPRING, WEST	
⁴ Property Code 325171		⁵ Property Name ZEUS STATE			⁶ Well Number 106H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3617'

¹⁰Surface Location

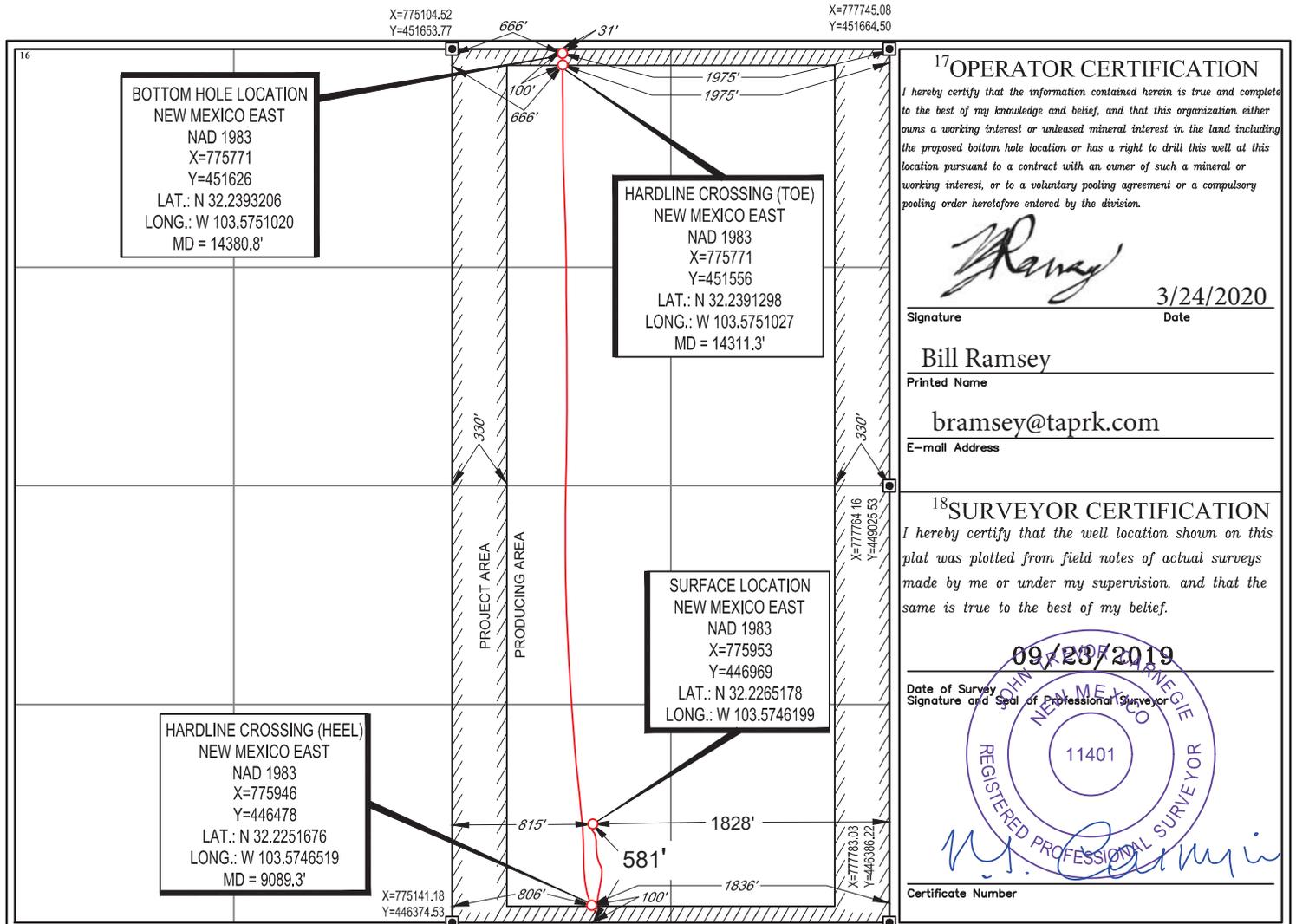
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	24-S	33-E	-	581'	SOUTH	1828'	EAST	LEA

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
B	9	24-S	33-E	-	31'	NORTH	1975'	EAST	LEA

¹² Dedicated Acres	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.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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811 S. First St., Artesia, NM 88210
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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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46623		² Pool Code 96674		³ Pool Name TRIPLE X, BONE SPRING, WEST	
⁴ Property Code 325171		⁵ Property Name ZEUS STATE			⁶ Well Number 144H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3615'

¹⁰Surface Location

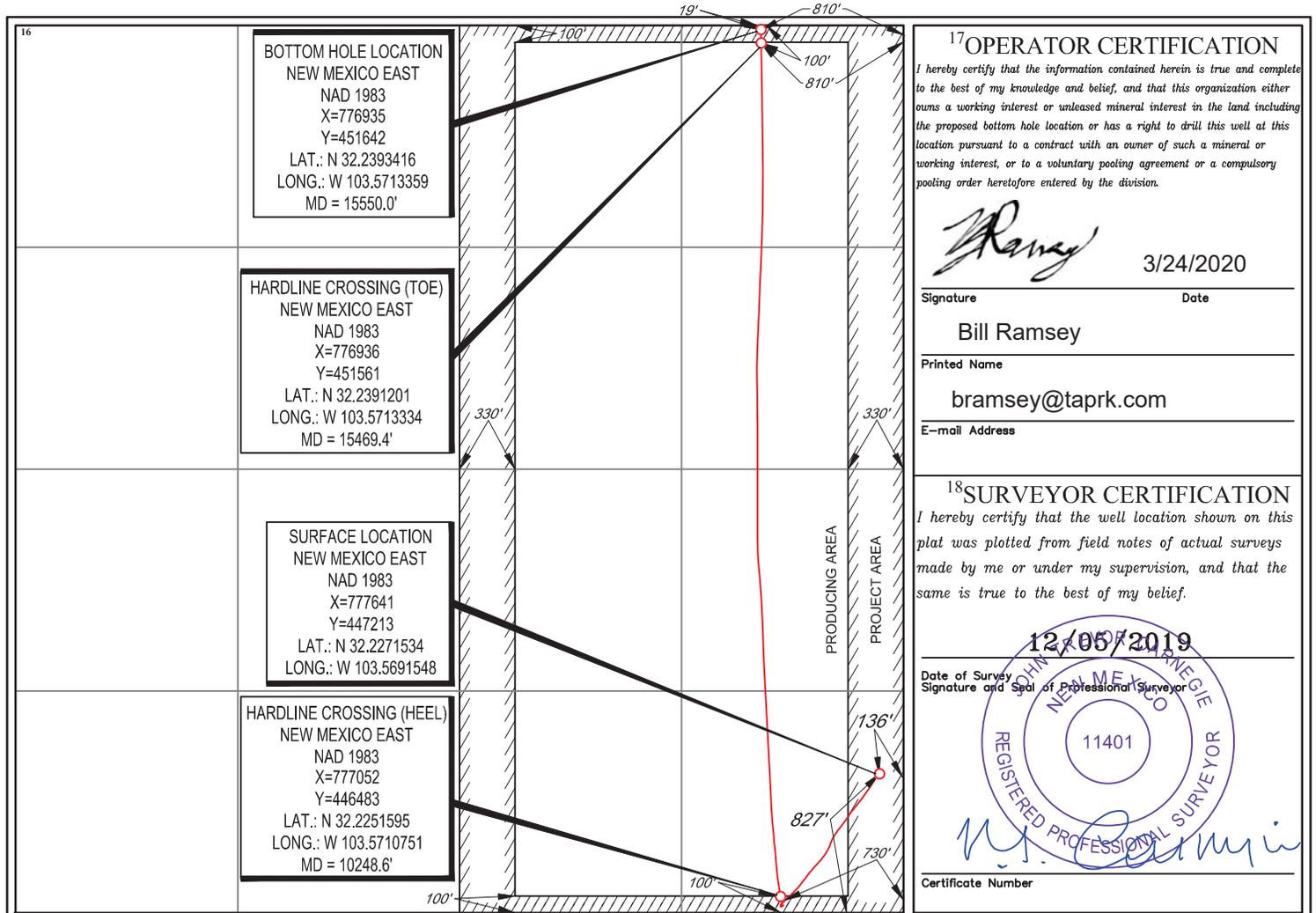
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	24-S	33-E	-	827'	SOUTH	136'	EAST	LEA

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
A	9	24-S	33-E	-	19'	NORTH	810'	EAST	LEA

¹² Dedicated Acres 320.00	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 3/24/2020
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.

12/05/2019
Date of Survey
Signature and Seal of Professional Surveyor
[Seal: REGISTERED PROFESSIONAL SURVEYOR, NEW MEXICO, 11401]
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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
AS-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45844		² Pool Code 96674		³ Pool Name TRIPLE X; BONE SPRING, WEST	
⁴ Property Code 325171		⁵ Property Name ZEUS STATE			⁶ Well Number 173H
⁷ OGRID No. 372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 3617'

¹⁰Surface Location

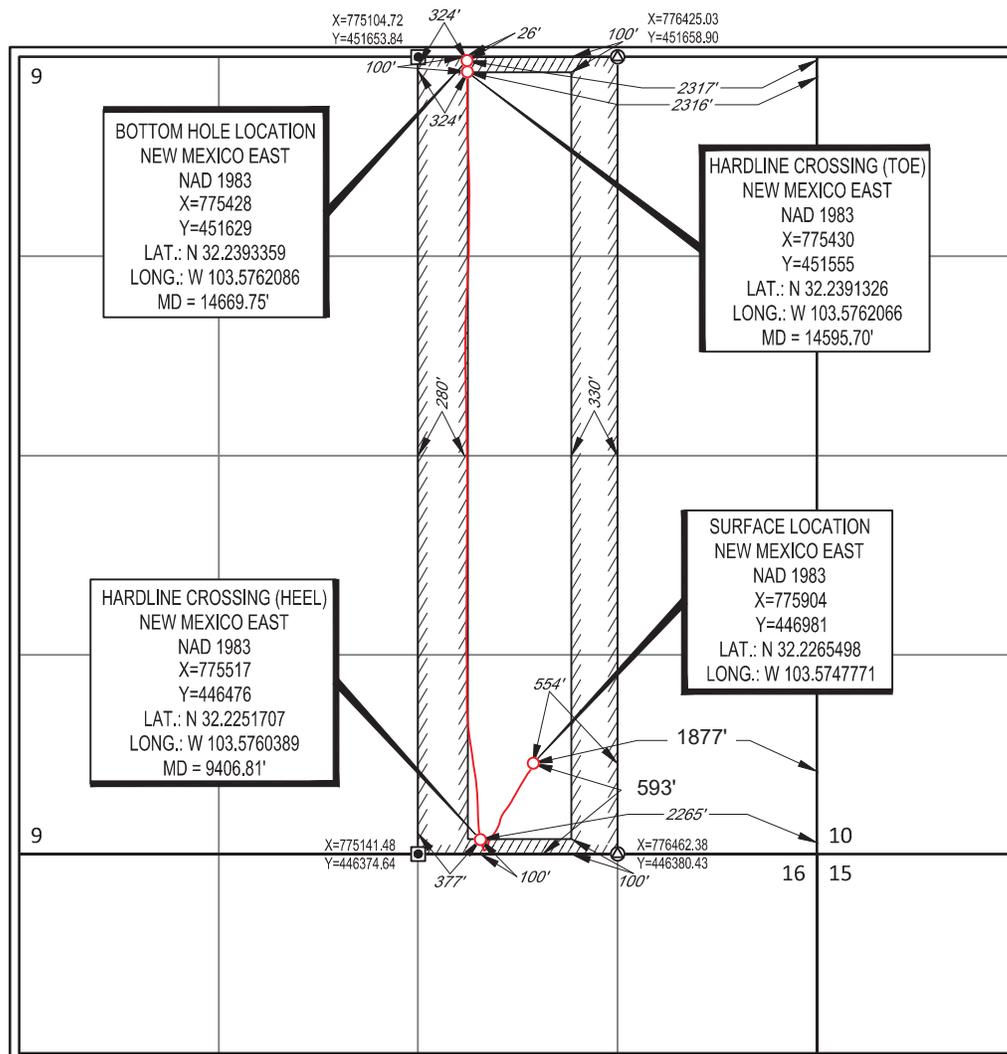
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	24-S	33-E	-	593'	SOUTH	1877'	EAST	LEA

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
B	9	24-S	33-E	-	26'	NORTH	2317'	EAST	LEA

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

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bill Ramsey 3/24/2020
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.

09/24/2019
Date of Survey

Signature and Seal of Professional Surveyor
W. Ramsey

11401
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
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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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45845		² Pool Code 96674	³ Pool Name TRIPLE X, BONE SPRING, WEST
⁴ Property Code 325171	⁵ Property Name ZEUS STATE		⁶ Well Number 186H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.		⁹ Elevation 3617'

¹⁰Surface Location

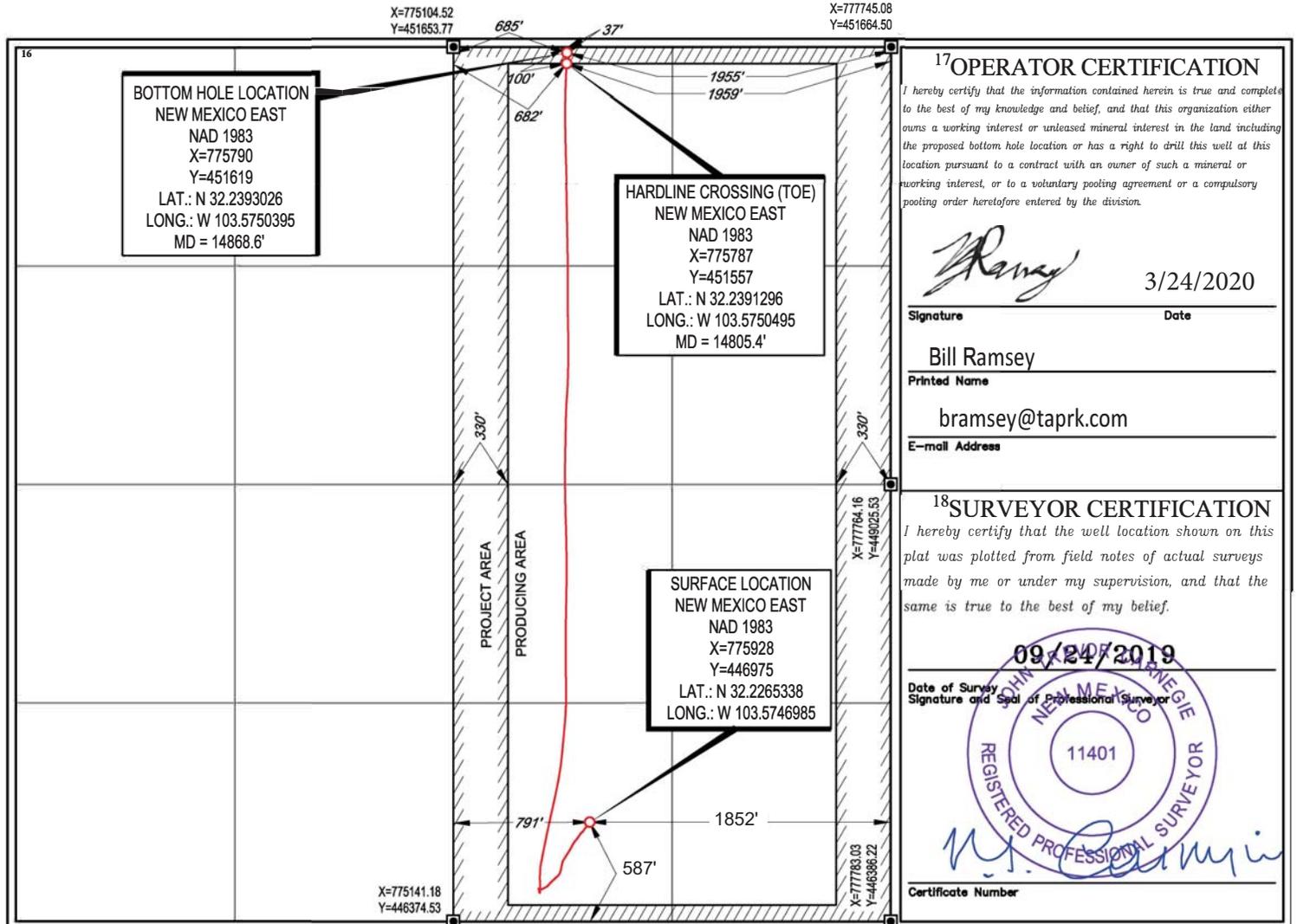
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	24-S	33-E	-	587'	SOUTH	1852'	EAST	LEA

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
B	9	24-S	33-E	-	37'	NORTH	1955'	EAST	LEA

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

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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
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1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

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

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. PLC-527
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

Table with 6 columns: (1) Pool Names and Codes, Gravities / BTU of Non-Commingled Production, Calculated Gravities / BTU of Commingled Production, Calculated Value of Commingled Production, Volumes. Row 1: See Attached.

(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: [Signature] TITLE: Regulatory Analyst DATE: 10.19.20

TYPE OR PRINT NAME Bill Ramsey TELEPHONE NO.: 720-360-4028

E-MAIL ADDRESS: bramsey@taprk.com



TAP ROCK RESOURCES, LLC

523 PARK POINT DRIVE, SUITE 200 - GOLDEN, COLORADO 80401



October 21, 2020

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

Re: Application of Tap Rock Operating, LLC for administrative approval for approval of additional wells to surface commingle (pool commingle) oil and gas production from the spacing units comprised of Section 9, Township 24S, Range 33E LEA County, New Mexico (the "Lands")

To Whom This May Concern,

Tap Rock Operating, LLC ("Tap Rock"), OGRID No. 372043, requests the addition to commingle current oil and gas production from four (4) distinct wells located on the Lands and future production from the Lands as described herein. The additional wells will be metered through individual liquid coriolis flow meters for oil and ultrasonic flow 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 ultrasonic flow 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 ultrasonic flow 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 comingled with each of the other well's metered gas. The gathering line is then metered by another ultrasonic flow 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

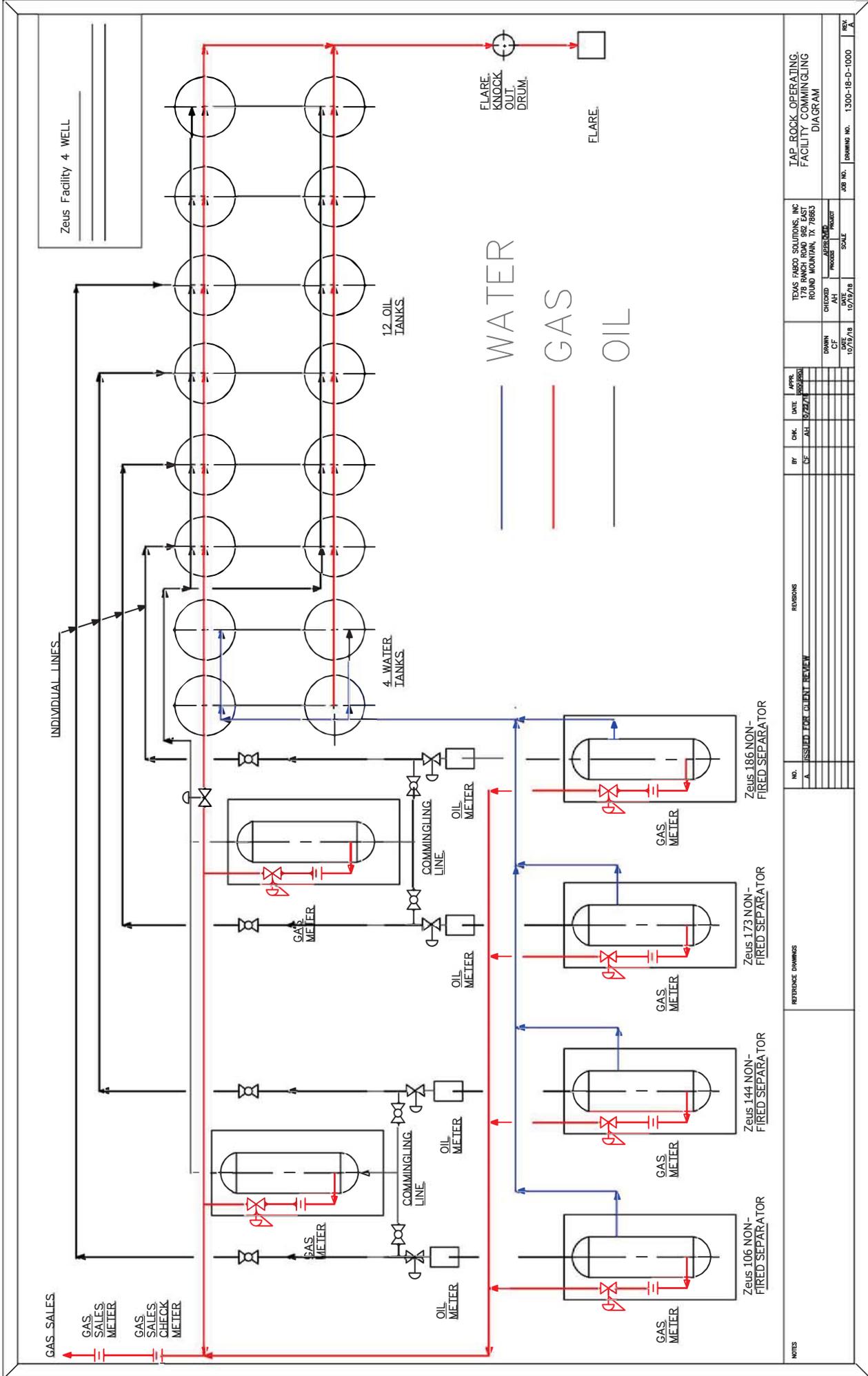
A handwritten signature in black ink, appearing to read "Ramsey", written in a cursive style.

Bill Ramsey
Regulatory Analyst

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

Well Name	API	Surface Location	Pool		Date Online	Oil (MBOD)	Gas (MCFD)	Gravity	BTU/cf
Zeus State 106H	30-025-45873	P-09-24S-33E	96674	TRIPLE X; BONE SPRING, WEST	3.7.20	270	1670	50	1122
Zeus State 144H	30-025-46623	P-09-24S-33E	96674	TRIPLE X; BONE SPRING, WEST	3.10.20	345	550	46	1228
Zeus State 173H	30-025-45844	P-09-24S-33E	96674	TRIPLE X; BONE SPRING, WEST	3.8.20	540	3377	51	1165
Zeus State 186H	30-025-45845	P-09-24S-33E	96674	TRIPLE X; BONE SPRING, WEST	3.7.20	305	2713	49	1143

* Estimated 6 mo. avg. production & est. oil and gas properties based on off sets



Zeus Facility 4 WELL

12 OIL TANKS

4 WATER TANKS

WATER
GAS
OIL

FLARE KNOCK OUT DRUM

FLARE

GAS SALES
GAS SALES METER
GAS SALES CHECK METER

COMMINGLING LINE
OIL METER
GAS METER

COMMINGLING LINE
OIL METER
GAS METER

Zeus 186 NON-FIRED SEPARATOR
GAS METER
OIL METER

Zeus 173 NON-FIRED SEPARATOR
GAS METER
OIL METER

Zeus 144 NON-FIRED SEPARATOR
GAS METER
OIL METER

Zeus 106 NON-FIRED SEPARATOR
GAS METER
OIL METER

REVISED		NO.		ISSUED FOR CLIENT REVIEW		REVISIONS		BY		CHK.		DATE		APPR.		TEAS FABCO SOLUTIONS, INC 178 RANCH ROAD 862 EAST ROUND MOUNTAIN, TX 78663		TAP ROCK OPERATING FACILITY COMMINGLING DIAGRAM	
A		A						CF		JAL		10/27/18		JAL		10/27/18		JOB NO. 1300-1B-D-1000	
								CF		JAL		10/27/18		JAL		10/27/18		SCALE	
								CF		JAL		10/27/18		JAL		10/27/18		DRAWING NO. 1300-1B-D-1000	

NOTES

Atchafalaya Measurement, Inc.
416 East Main Street Artesia, NM 88210 575-746-3481

Inficon Micro GC Fusion F08904 R03RR2

Sample Information	
Sample Name	Taprock__Zeus 108H Lift Gas__GC1-91819-15
Station Number	7060079
Lease Name	Zeus 108H Lift Gas
Analysis For	Taprock Operating
Producer	Taprock Operating
Field Name	Diamond
County/State	N/A
Frequency/Spot Sample	Spot
Sampling Method	Fill Empty
Sample Deg F	114
Atmos Deg F	92
Flow Rate	534.3379
Line PSIG	1011
Date/Time Sampled	9-12-19
Cylinder Number	N/A
Cylinder Clean Date	N/A
Sampled By	Alex Urias
Analysis By	Pat Silvas
Verified/Calibration Date	9-16-19
Report Date	2019-09-18 10:27:33

Component Results

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	22.860	7081.5	1.38642	13864.200	0.000
H2S	46.000	0.0	0.00025	2.500	0.000
Methane	23.640	308057.1	77.55138	775513.800	0.000
Carbon Dioxide	27.840	15817.8	2.59491	25949.100	0.000
Ethane	37.340	74157.8	11.16407	111640.700	2.995
Propane	78.980	43498.6	4.87844	48784.400	1.348
i-butane	28.860	39315.6	0.57323	5732.300	0.188
n-Butane	30.460	87571.4	1.23020	12302.000	0.389
i-pentane	35.520	19553.5	0.23303	2330.300	0.085
n-Pentane	37.620	19716.8	0.22872	2287.200	0.083
Hexanes Plus	120.000	14016.0	0.15935	1593.500	0.069
Total:			100.00000	1000000.000	5.159

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	100.53411	
Pressure Base (psia)	14.730	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1191.8	1171.0
Gross Heating Value (BTU / Real cu.ft.)	1195.8	1175.5
Relative Density (G), Ideal	0.7254	0.7236
Relative Density (G), Real	0.7275	0.7260
Compressibility (Z) Factor	0.9966	0.9962

ADDR1	ADDR2	ADDR3	ADDR4	ADDR5
JD Murchison Interests Inc	7250 Dallas Pkwy Ste 1400	Plano	TX	75024
Delaware Hops	50 Kennedy Plaza 18th Floor	Providence	RI	2903
Delaware Barley	Harborside Plaza 10 2 Second St.	New Jersey	NJ	7302
Commissioner of Public Lands	PO Box 1148	Santa Fe	NM	87504-1148
Devon Production Company	LP 1500 Mid-America Tower 20 North Broadway	Oklahoma City	OK	73102
Murchison Oil and Gas, Inc.	7250 Dallas Pkwy Ste 1400	Plano	TX	75024
MEC Petroleum Corp.	414 W. Texas Ave. #410	Midland	TX	79701
Mesa Southwest Energy, LLC	8117 Preston Road, Suite 260W	Dallas	TX	75225

EXHIBIT 4



Kaitlyn A. Luck
Phone (505) 954-7286
KALuck@hollandhart.com

November 9, 2020

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO AFFECTED PARTIES:

Re: Application of Tap Rock Operating, LLC, to amend Surface Commingling Order PLC-527 to add certain wells and spacing unit, and to authorize pool commingling, off-lease storage, off-lease measurement, and off-lease marketing at the Zeus Tank Battery located in the SE/4 SE/4 (Unit P) of Section 9, Township 24 South, Range 33 East, NMPM, Lea County, New Mexico.

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 by Tap Rock Operating, LLC (“Tap Rock”) (OGRID No. 372043). 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.

In accordance with Rule 19.15.12.10(C)(4)(g) NMAC, Tap Rock requests the option to include additional pools or leases within the defined parameters set forth in the Order for future additions.

For questions regarding this application, please contact Dana Arnold, General Counsel for Tap Rock Operating, LLC, at (720)-460-3497.

Sincerely,

Kaitlyn A. Luck
ATTORNEY FOR TAP ROCK OPERATING, LLC

ParentID	MailDate	Name	DeliveryAddress	City	ST	Zip	Mail Service	USPS #	Label Ref.
31309	11/09/2020	JD Murchison Interests Inc	7250 Dallas Pkwy Ste 1400	Plano	TX	75024-5002	Certified with Return Receipt (Signature)	9414811898765 826724660	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 1
31309	11/09/2020	Delaware Hops	50 Kennedy Plz Fl 18	Providence	RI	02903-2393	Certified with Return Receipt (Signature)	9414811898765 826724622	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 2
31309	11/09/2020	Delaware Barley	Harborside Plaza 10 2 Second St.	New Jersey	NJ	07302	Certified with Return Receipt (Signature)	9414811898765 826724608	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 3
31309	11/09/2020	Commissioner of Public Lands	PO Box 1148	Santa Fe	NM	87504-1148	Certified with Return Receipt (Signature)	9414811898765 826724691	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 4
31309	11/09/2020	Devon Production Company	20 N Broadway Lp 1500 Mid - America Tower	Oklahoma City	OK	73102-9213	Certified with Return Receipt (Signature)	9414811898765 826724646	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 5
31309	11/09/2020	Murchison Oil and Gas, Inc.	7250 Dallas Pkwy Ste 1400	Plano	TX	75024-5002	Certified with Return Receipt (Signature)	9414811898765 826724684	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 6
31309	11/09/2020	MEC Petroleum Corp.	414 W Texas Ave Ste 410	Midland	TX	79701-4415	Certified with Return Receipt (Signature)	9414811898765 826724639	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 7
31309	11/09/2020	Mesa Southwest Energy, LLC	8117 Preston Rd Ste 260W	Dallas	TX	75225-6420	Certified with Return Receipt (Signature)	9414811898765 826724677	69638 - Tap Rock - Zeus PLC-527 amended - notice list - 8