

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

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: MACK ENERGY CORPORATION  
OPERATOR ADDRESS: PO BOX 960 ARTESIA, NM 88211-0960  
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. Round Tank; San Andres 52770  
(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) Periotic Well Test.

**(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: Jerry W. Sherrell TITLE: PRODUCTION CLERK DATE: 3/11/2021  
TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO.: 575-748-1288  
E-MAIL ADDRESS: jerrys@mcc.com



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2021

Oil Conservation Division  
Attn: Dean McClure  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

Allocation of production will be measured through well testing of individual wells on 7 day intervals. The CTB will be equipped with a test production train. Oil measured by tank gauging and gas measured using a Total Flow Meter. Water will be measured using a turbine meter.

All affected parties have been notified of this application via certified mail.

Should you have any questions please contact me @ 575-748-1288.

Sincerely,

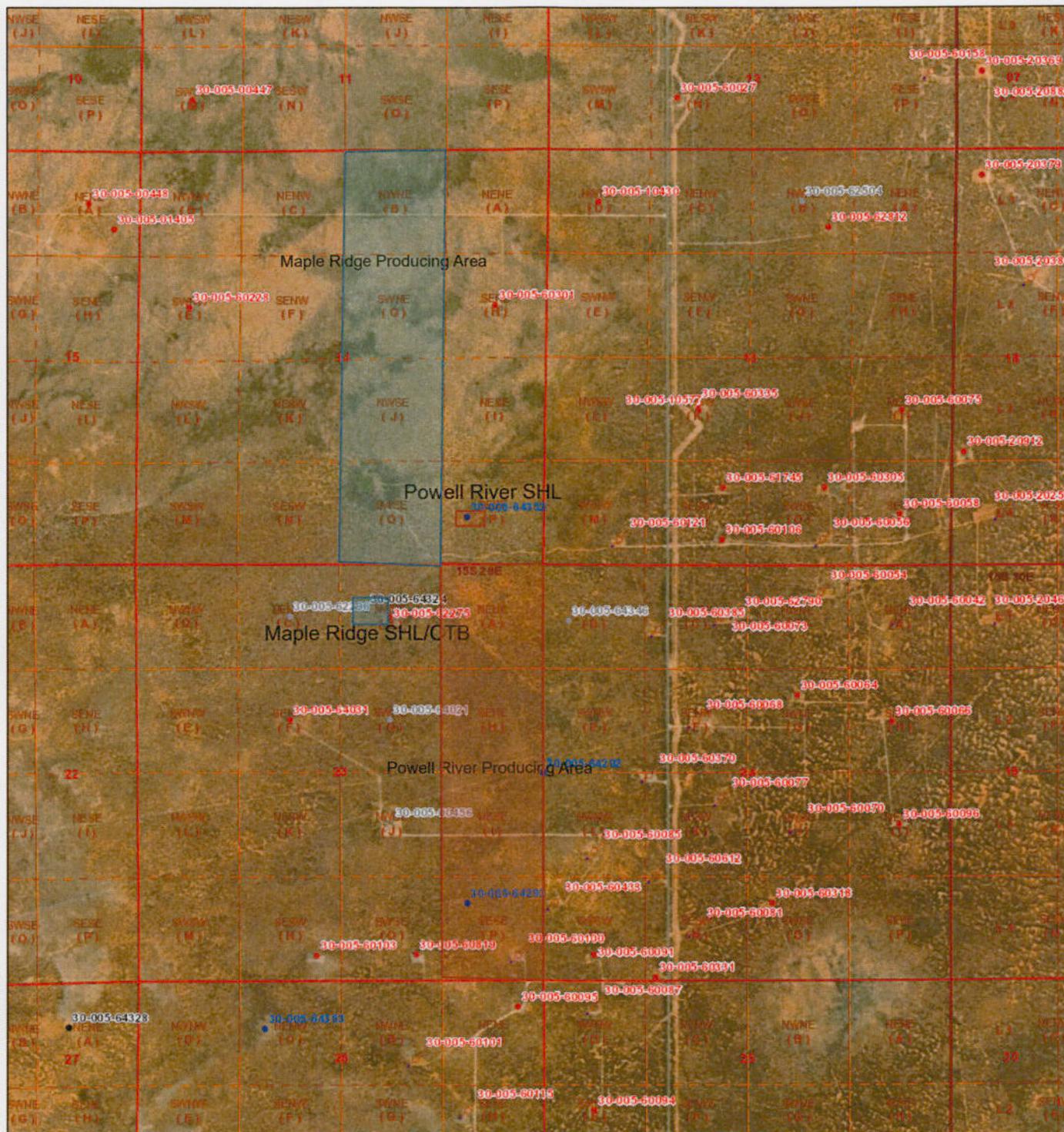
A handwritten signature in blue ink that reads "Jerry W. Sherrell".

Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures

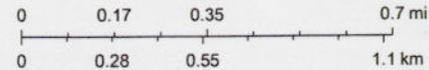
# OCD Well Locations



3/11/2021, 12:20:27 PM

1:18,056

- |                            |                                    |   |
|----------------------------|------------------------------------|---|
| <b>Areas</b>               | ○ Gas, New                         | △ Salt Water Injection, Active                |
| Override 1                 | ○ Gas, Plugged                     | △ Salt Water Injection, Cancelled             |
| Override 2                 | ○ Gas, Temporarily Abandoned       | △ Salt Water Injection, New                   |
| Override 3                 | ○ Injection, Active                | △ Salt Water Injection, Plugged               |
| <b>Wells - Large Scale</b> | ○ Injection, Cancelled             | △ Salt Water Injection, Temporarily Abandoned |
| undefined                  | ○ Injection, New                   | ● Water, Active                               |
| Miscellaneous              | ○ Injection, Plugged               | ● Water, Cancelled                            |
| CO2, Active                | ○ Injection, Temporarily Abandoned | ● Water, New                                  |
| CO2, Cancelled             | ● Oil, Active                      | ● Water, Plugged                              |
| CO2, New                   | ● Oil, Cancelled                   | ● Water, Temporarily Abandoned                |
| CO2, Plugged               | ● Oil, New                         | ★ OCD District Offices                        |
| CO2, Temporarily Abandoned | ● Oil, Plugged                     | □ PLSS First Division                         |
| Gas, Active                | ● Oil, Temporarily Abandoned       | □ PLSS Second Division                        |
| Gas, Cancelled             |                                    |   |



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department, USDA FSA, GeoEye, Maxar, OCD, Esri, HERE, Garmin, IPC, BLM

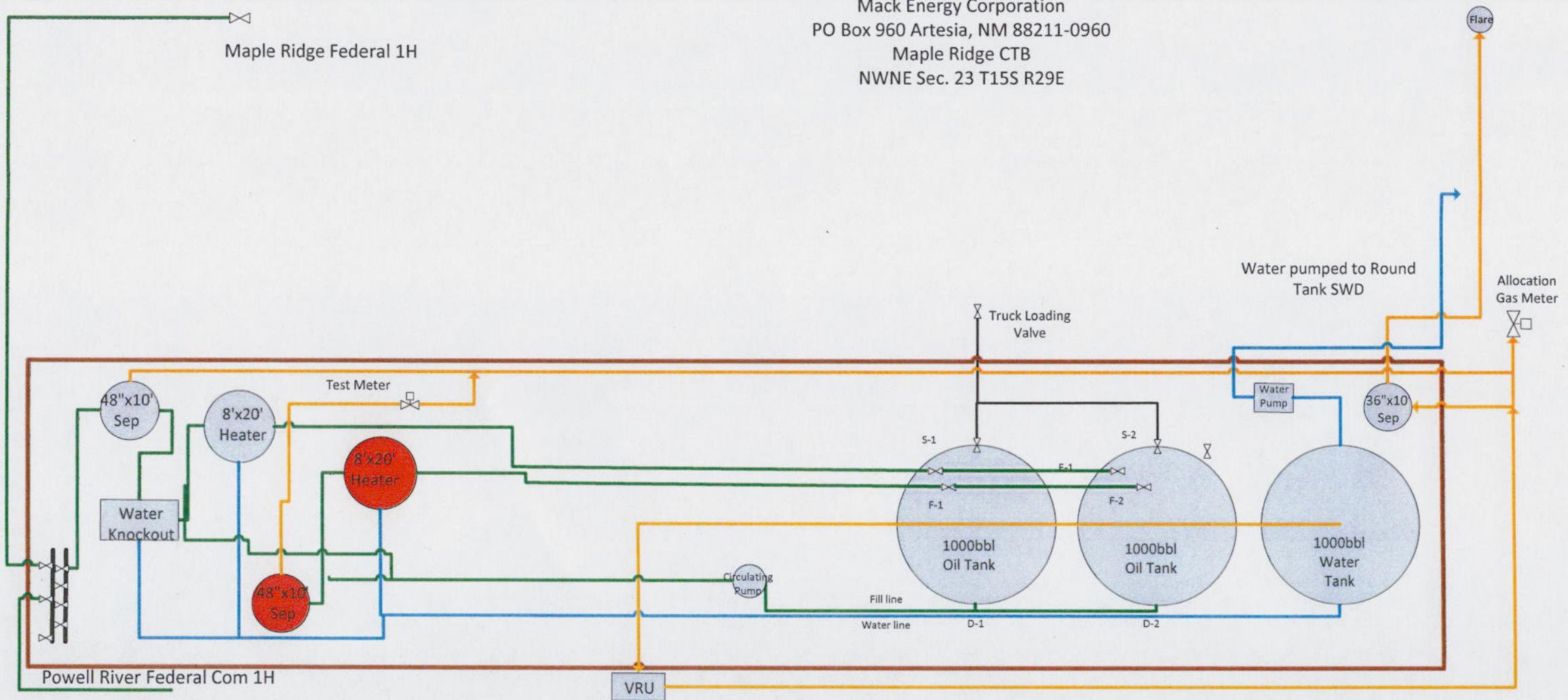
Production Phase

Sales Phase

Production Phase		Sales Phase	
Tank 1	Tank 2	Tank 1	Tank 2
F-1 Open	F-1 Closed	F-1 Closed	F-1 Open
F-2 Closed	F-2 Open	F-2 Open	F-2 Closed
E-1 Open	E-1 Open	E-1 Closed	E-1 Closed
D-1 Open	D-1 Closed	D-1 Closed	D-1 Open
D-2 Closed	D-2 Open	D-2 Open	D-2 Closed
S-1 Closed	S-1 Closed	S-1 Open	S-1 Closed
S-2 Closed	S-2 Closed	S-2 Closed	S-2 Open



Mack Energy Corporation  
 PO Box 960 Artesia, NM 88211-0960  
 Maple Ridge CTB  
 NWNE Sec. 23 T15S R29E





P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1120 0000 0728 2970**

Bureau of Land Management  
2909 West 2<sup>nd</sup> Street  
Roswell, NM 88202-2909

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

Allocation of production will be measured through well testing of individual wells on 7 day intervals. The CTB will be equipped with a test production train. Oil measured by tank gauging and gas measured using a Total Flow Meter. Water will be measured using a turbine meter.

*Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the application to surface commingle if no objection has been made within the 20 days after the application has been received.*

Sincerely,

A handwritten signature in black ink that reads "Jerry W. Sherrell".

Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

VIA CERTIFIED MAIL 7019 1120 0000 0728 2963

Caza Petroleum Inc.  
200 N. Loraine, Suite 1550  
Midland, TX 79701

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Production Clerk  
jerrys@mec.com

JWS/

Enclosures



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Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1640 0002 0377 7712**

Doug Schutz  
P.O. Box 973  
Santa Fe, NM 87504-0973

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



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Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1640 0002 0377 7736**

John & Theresa Hillman Family Properties  
P.O. Box 50187  
Midland, TX 79710

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



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Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1640 0002 0377 7743**

Horton Royalty, LLC  
P.O. Box 50938  
Midland, TX 79710

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



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Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1640 0002 0377 7729**

Robert G. Shelton  
P.O. Box 51410  
Midland, TX 79720

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1640 0002 0377 7705**

Scott Wood  
6013 Riverview Way  
Houston, TX 77057

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

Enclosures



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 15, 2021

**VIA CERTIFIED MAIL 7019 1120 0000 0728 2956**

Wise Oil & Gas No. 8 Ltd.  
6851 NE Loop 820, Suite 200  
North Richland Hills, TX 76180

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured, stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

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Jerry W. Sherrell  
Production Clerk  
jerrys@mec.com

JWS/

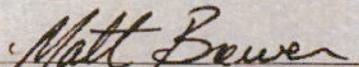
Enclosures

SIGNATURE PAGE

The undersigned approves of Mack Energy Corporation is requesting administrative approval from the NMOCD for approval of CTB and Commingling of production of our Powell River Federal Com 1H, Unit P, Sec. 14 T15S R29E NMNM138832 & NMNM127444, CTB will be located at our Maple Ridge Federal 1H, Unit B, Sec. 23 T15S R29E. The oil production from the Powell River Federal Com 1H and Maple Ridge Federal 1H wells will be measured stored and sold from the CTB location. Gas production will be transported through an approved pipeline to a sales point on DCP's gathering system in Unit O, Sec. 4 T16S R29E.

Allocation of production will be measured through well testing of individual wells on 7-day intervals. The CTB will be equipped with a test production train. Oil measured by tank gauging and gas measured using a Total Flow Meter. Water will be measured using a turbine meter.

SENDERO ENERGY LLC

By:   
Matt Brewer, Managing Member

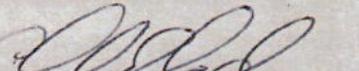
Date: 3/11/2021

M SQUARED ENERGY LLC

By:   
W. Lee Livingston, Managing Member

Date: 3/11/2021

KATZ RESOURCES LLC

By:   
Charles Sadler, Managing Member

Date: 3/11/2021



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 748-7374

August 1, 2016

Mr. Michael McMillan  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**RE: Mack Energy Corporation & Chase Affiliates**

Dear Mr. McMillan:

Mack Energy Corporation is a Chase Family owned entity. The following Chase individuals or companies are all affiliates of Mack Energy Corporation and usually own an interest in wells drilled and/or operated by Mack Energy Corporation.

- Mack C. Chase Trust
- Robert C. Chase
- Richard L. Chase or Ventana Minerals LLC
- Gerene Dianne Chase Ferguson or DiaKan Minerals LLC
- Broken Arrow Royalties LLC
- Chase Oil Corporation

All of these family members and companies all office in the same building so notifications can be hand delivered; therefore we request that the certified mail process be waived when these parties are involved.

If you have any questions or need additional information please do not hesitate to contact me. Your assistance is greatly appreciated.

Sincerely,  
**Mack Energy Corporation**

A handwritten signature in blue ink that reads "Staci Sanders".

Staci Sanders  
Land Manager

/ss

---

# MEMO

---

DATE: March 10, 2021

TO: NMOCD

FROM: Staci Sanders

RE: <u>Approval for Central Tank Battery &amp; Commingling</u>	
<b>Maple Ridge Federal #1H</b>	<b>Maple Ridge Central Tank Battery</b>
Unit B, Sec. 23, T15S, R29E	Unit B, Sec. 23, T15S, R29E
<b>Powell River Federal Com #1H</b>	Chaves County, New Mexico
Unit P, Sec. 14, T15S, R29E	
Chaves County, New Mexico	

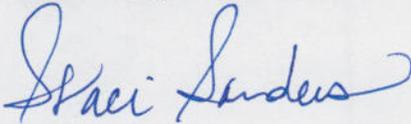
Mack Energy Corporation is requesting approval of the Maple Ridge Central Tank Battery located in Unit B of Sec. 23, T15S, R29E and the commingling of production at this facility. The production from the Maple Ridge Federal #1H well and the Powell River Federal Com #1H well will be commingled at this Central Tank Battery.

The interest owners in all leases involved have been notified (see the attached list of owners).

Please do not hesitate to contact me should you require any further information.

Sincerely,

**Mack Energy Corporation**



Staci Sanders  
Land Manager

**Powell River Federal Com #1H Leases (2 Total)****Federal Lease NMNM-138832: E/2 NE/4 of Sec. 23, T15S-R29E****Federal Lease NMNM127444: E/2 SE/4 of Sec. 23, T15S-R29E****Interest Owners:**

Office of Natural Resources Revenue P.O. Box 25627 Denver, CO 80225-0627	RI
Doug Schutz P.O. Box 973 Santa Fe, NM 87504-0973	ORRI
Robert G. Shelton P.O. Box 51410 Midland, TX 79720	ORRI
John & Theresa Hillman Family Properties P.O. Box 50187 Midland, TX 79710	ORRI
Horton Royalty, LLC P.O. Box 50938 Midland, TX 79710	ORRI
Broken Arrow Royalties LLC P.O. Box 960 Artesia, NM 88211	ORRI
Chase Oil Corporation P.O. Box 1767 Artesia, NM 88211	WI
Robert C. Chase P.O. Box 297 Artesia, NM 88211	WI
Ventana Minerals LLC P.O. Box 359 Artesia, NM 88211	WI
DiaKan Minerals LLC P.O. Box 693 Artesia, NM 88211	WI
Sendero Energy LLC P.O. Box 556 Artesia, NM 88211	WI
M Squared Energy LLC P.O. Box 211 Artesia, NM 88211	WI
Katz Resources LLC P.O. Box 7015 Goodyear, AZ 85338	WI

**Maple Ridge Federal #1H Lease****Federal Lease NMNM-122614: W/2 E/2 of Sec. 14, T15S-R29E**

---

**Interest Owners:**

Office of Natural Resources Revenue P.O. Box 25627 Denver, CO 80225-0627	RI
Caza Petroleum Inc. 200 N. Loraine, Suite 1550 Midland, TX 79701	ORRI
Wise Oil & Gas No. 8 Ltd. 6851 NE Loop 820, Suite 200 North Richland Hills, TX 76180	ORRI
Scott Wood 6013 Riverview Way Houston, TX 77057	ORRI
Broken Arrow Royalties LLC P.O. Box 960 Artesia, NM 88211	ORRI
Chase Oil Corporation P.O. Box 1767 Artesia, NM 88211	WI
Robert C. Chase P.O. Box 297 Artesia, NM 88211	WI
Ventana Minerals LLC P.O. Box 359 Artesia, NM 88211	WI
DiaKan Minerals LLC P.O. Box 693 Artesia, NM 88211	WI
M Squared Energy LLC P.O. Box 211 Artesia, NM 88211	WI
Sendero Energy LLC P.O. Box 556 Artesia, NM 88211	WI

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

<sup>1</sup> API Number <b>30-005-64352</b>	<sup>2</sup> Pool Code <b>52770</b>	<sup>3</sup> Pool Name <b>Round Tank; San Andres</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>POWELL RIVER FEDERAL COM</b>	
<sup>7</sup> OGRID No. <b>13837</b>	<sup>8</sup> Operator Name <b>MACK ENERGY CORPORATION</b>	
		<sup>6</sup> Well Number <b>1H</b>
		<sup>9</sup> Elevation <b>3920.2</b>

<sup>10</sup> Surface Location

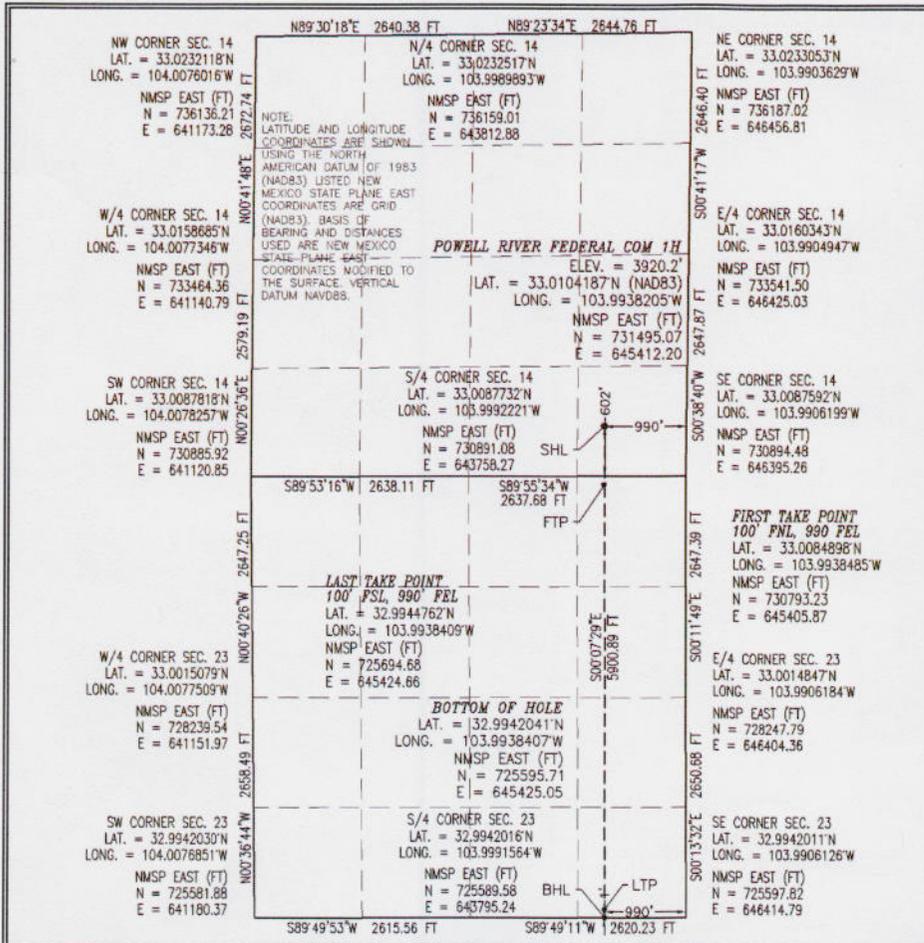
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>14</b>	<b>15 S</b>	<b>29 E</b>		<b>602</b>	<b>SOUTH</b>	<b>990</b>	<b>EAST</b>	<b>CHAVES</b>

<sup>11</sup> 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
<b>P</b>	<b>23</b>	<b>15 S</b>	<b>29 E</b>		<b>1</b>	<b>SOUTH</b>	<b>990</b>	<b>EAST</b>	<b>CHAVES</b>

<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



**<sup>17</sup> 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.

*Deana Weaver*      2/4/2020  
Signature      Date

Deana Weaver  
Printed Name

dweaver@mec.com  
E-mail Address

**<sup>18</sup> 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 and correct to the best of my belief.

JANUARY 30, 2020  
Date of Survey

*[Signature]*  
Signature and Seal of Professional Surveyor

Certificate Number FTL12797  
Survey No. 7815A

**FLOWLINE PLAT**

TWO 4" POLY SURFACE LINES FROM THE POWELL RIVER FEDERAL COM 1H  
TO THE MAPLE RIDGE FEDERAL COM 1H

**MACK ENERGY CORPORATION**  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTIONS 14 & 23, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.  
CHAVES COUNTY, STATE OF NEW MEXICO  
JANUARY 30, 2020

**SEC 14**  
**T.15S., R.29E.**  
**BLM**

POWELL RIVER  
FEDERAL COM 1H

STA. 0+00 B.O.L.

STA. 25+47.8 E.O.L.

MAPLE RIDGE  
FEDERAL COM 1H

**SEC 23**  
**T.15S., R.29E.**  
**BLM**



SHEET: 6-6

SURVEY NO. 7926

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

**District I**  
1675 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) 749-1283 Fax: (575) 749-9720

**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**

<sup>1</sup> API Number 30-005-64324		<sup>2</sup> Pool Code 52770		<sup>3</sup> Pool Name Round Tank; San Andres	
<sup>4</sup> Property Code 322879		<sup>5</sup> Property Name MAPLE RIDGE FEDERAL			<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 13837		<sup>8</sup> Operator Name MACK ENERGY CORPORATION			<sup>9</sup> Elevation 3919.4

**Surface Location**

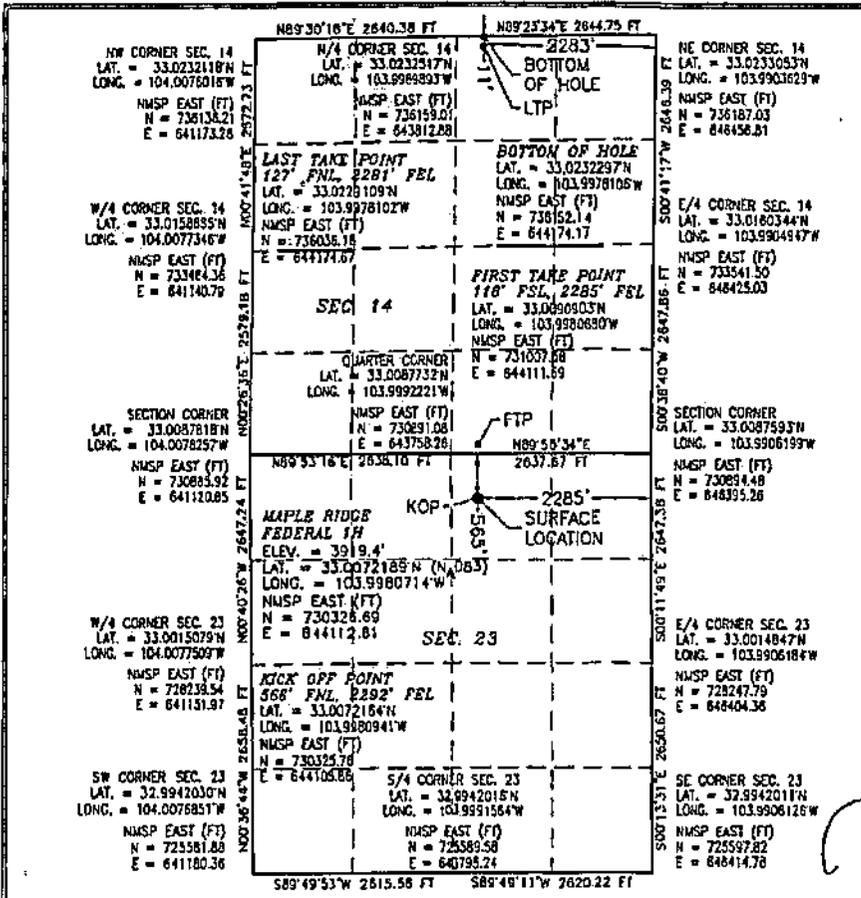
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	23	15 S	29 E		565	NORTH	2285	EAST	CHAVES

**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
B	14	15 S	29 E		11	NORTH	2283	EAST	CHAVES

<sup>10</sup> Dedicated Acres 160	<sup>11</sup> Joint or Infill	<sup>12</sup> Consolidation Code	<sup>13</sup> 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.



**" 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 or 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 awarded by the division.

*Deana Weaver*  
Signature Date

Deana Weaver  
Printed Name

dweaver@mec.com  
E-mail Address

**"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 and correct to the best of my belief.

JULY 3, 2019  
Date of Survey

*William F. Jaramillo*  
Signature and Seal of Professional Surveyor

William F. Jaramillo, PLS 12797  
Certificate Number  
PROFESSIONAL SURVEYOR  
SURVEY NO. 6324A

DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 CASE RECORDATION  
 (MASS) Serial Register Page

Run Date/Time: 4/2/2021 11:41 AM

Page 1 Of 2

01 02-25-1920;041STAT0437;30USC181

Total Acres:  
160.000

Serial Number  
NMNM 143144

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris: ROSWELL FIELD OFFICE

Serial Number: NMNM-- - 143144

Name & Address		Int Rel	% Interest
BLM ROSWELL FO	2909 W 2ND ST	ROSWELL NM 88201	OFFICE OF RECORD 0.000000000
MACK ENERGY CORP	PO BOX 960	ARTESIA NM 882110960	OPERATOR 100.000000000

Serial Number: NMNM-- - 143144

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0150S	0290E	023		ALIQ			E2NE;	ROSWELL FIELD OFFICE	CHAVES	BUREAU OF LAND MGMT
23	0150S	0290E	023		ALIQ			E2SE;	ROSWELL FIELD OFFICE	CHAVES	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 143144

Serial Number: NMNM-- - 143144

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
03/09/2021	387	CASE ESTABLISHED		
03/09/2021	501	REFERENCE NUMBER	POWELL RIV FED COM;	
03/09/2021	516	FORMATION	SAN ANDRES;	
03/09/2021	526	ACRES-FED INT 100%	160;	
03/09/2021	580	PROPOSAL RECEIVED	CA RECEIVED;	
03/30/2021	335	UNIT (GEO) REVIEW Cmpltd		
03/30/2021	974	AUTOMATED RECORD VERIF	MMS;	
05/01/2021	868	EFFECTIVE DATE		
05/01/2023	763	EXPIRES		

Serial Number: NMNM-- - 143144

Line Number	Remark Text
0001	/A/RECAPULATION EFFECTIVE
0002	TR# LEASE SERIAL NO AC COMMITTED %INTEREST
0003	1 NMNM138832 80.00 50.00%
0004	2 NMNM127444 80.00 50.00%
0005	TOTAL 160.00 100.00%

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

**Run Date/Time:** 4/2/2021 11:41 AM

Page 2 Of 2

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**NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM**

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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:** Mack Energy Corporation **OGRID Number:** 013837  
**Well Name:** Powell River Federal Com 1H **API:** 30-005-64352  
**Pool:** Round Tank; San Andres **Pool Code:** 52770

**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

<b>FOR OCD ONLY</b>
<input type="checkbox"/> Notice Complete
<input type="checkbox"/> 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.

Jerry W. Sherrell  
\_\_\_\_\_  
Print or Type Name

3/11/2021  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

575-748-1288  
\_\_\_\_\_  
Phone Number

jerrys@mec.com  
\_\_\_\_\_  
e-mail Address

**From:** [Engineer, OCD, EMNRD](#)  
**To:** [Jerry Sherrell](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Simmons, Kurt, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Powell, Brandon, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com); [Glover, James](#); [kparadis@blm.gov](mailto:kparadis@blm.gov); [Walls, Christopher](#)  
**Subject:** Approved Administrative Order CTB-988  
**Date:** Tuesday, April 6, 2021 1:33:57 PM  
**Attachments:** [CTB988 Order.pdf](#)

NMOCD has issued Administrative Order CTB-988 which authorizes Mack Energy Corporation (13837) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	Location (NMPM)	Pool Code
30-005-64352	Powell River Federal Com #1H	P-14-15S-29E	52770
30-005-64324	Maple Ridge Federal #1H	B-23-15S-29E	52770

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.

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

**Notice**

Order: CTB-988

Operator: Mack Energy Corporation (13837)

Publication Date:

Date Sent:

**Noticed Persons**

Date	Person	Certified Tracking Number	Status
3/16/2021	BLM	7019 1120 0000 0728 2970	Delivered
3/16/2021	Caza Petroleum Inc.	7019 1120 0000 0728 2963	Delivered
3/19/2021	Doug Schutz	7019 1640 0002 0377 7712	Delivered
3/17/2021	John & Theresa Hillman Family Properties	7019 1640 0002 0377 7736	Delivered
3/17/2021	Horton Royalty, LLC	7019 1640 0002 0377 7743	Delivered
3/23/2021	Robert G. Shelton	7019 1640 0002 0377 7729	Delivered
3/18/2021	Scott Wood	7019 1640 0002 0377 7705	Delivered
3/17/2021	Wise Oil & Gas No. 8 LTD	7019 1120 0000 0728 2956	Delivered
	Sendero Energy LLC	Approved	
	M Squared Energy LLC	Approved	
	Katz Resources, LLC	Approved	
	Robert C. Chase	Hand Delivered	
	Richard L. Chase or Ventana Minerals LLC	Hand Delivered	
	Gerene Dianne Chase Ferguson or Diakan Mineral	Hand Delivered	
	Broken Arrow Royalties LLC	Hand Delivered	
	Chase Oil Corporation	Hand Delivered	

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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY MACK ENERGY CORPORATION**

**ORDER NO. CTB-988**

**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. Mack Energy Corporation (“Applicant”) submitted a complete application to surface commingle and off-lease measure the oil and gas production ("Application") from the pools, leases, and wells identified in Exhibit A.
2. 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.
3. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
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.

**CONCLUSIONS OF LAW**

6. 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, and 19.15.12 NMAC.
7. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10(A)(2), (C)(4)(c), and (C)(4)(e) NMAC, as applicable.
8. Applicant’s proposed method of allocation, as modified herein, complies with 19.15.12.10(B)(1) or (C)(1) NMAC, as applicable.
9. 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) and (C)(4)(h) NMAC.

10. 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 and off-lease measure oil and gas production from the pools, leases, and wells identified in Exhibit A.
2. The allocation of oil and gas production shall be based on the production life of each well as measured for three periods: (a) the initial production period shall be measured from the first production until the earlier of either the peak production rate or thirty (30) days after the first production; (b) the plateau period shall be measured from the end of the initial production period to the peak decline rate; and (c) the decline period shall be measured from the end of the plateau period until the well is plugged and abandoned.

During the initial production period, the oil and gas production for each well identified in Exhibit A shall be allocated using a production curve calculated from a minimum of ten (10) well tests per month, except that any day in which a well test cannot achieve an accurate result due to a temporary change in oil and gas production shall not be included in the computation of time determining the well test schedule. The production curve shall be calculated by interpolating daily production for each day using the known daily production obtained by well tests and shall use a method of interpolation that is at minimum as accurate as maintaining a constant rate of change for each day's production between the known daily production values.

During the plateau period, the oil and gas production for each well identified in Exhibit A shall be allocated using a minimum of three (3) well tests per month.

During the decline period, the oil and gas production for each well identified in Exhibit A shall be allocated as follows: (a) a minimum of three (3) well tests per month when the decline rate is greater than twenty-two percent (22%) per month; (b) a minimum of two (2) well tests per month when the decline rate is between twenty-two percent (22%) and ten percent (10%) per month; and (c) a minimum of one (1) well test per month when the decline rate is less than ten percent (10%) per month.

Upon OCD's request, Applicant shall submit a Form C-103 to the OCD Engineering Bureau that contains the decline rate curve and other relevant information demonstrating the production life of a well.

Applicant shall conduct a well test by separating and metering the oil and gas production from that well for either (a) a minimum of twenty-four (24) consecutive hours; or (b) a combination of nonconsecutive periods that meet the following conditions: (i) each period shall be a minimum of six (6) hours; and (ii) the total duration of the nonconsecutive periods shall be a minimum of eighteen (18) hours.

The well test requirements of this Order shall be suspended for any well shut-in for a period that continues for more than fifteen (15) days until the well commences production.

3. Applicant shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.
4. Applicant shall measure the commingled gas at a central delivery point or central tank battery described in Exhibit A in accordance with 19.15.19.9 NMAC, provided however that if the gas is flared, and regardless of whether OCD has granted an exception pursuant to 19.15.18.12(B) NMAC, Applicant shall report the gas in accordance with 19.15.18.12(F) NMAC.
5. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
6. 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.
7. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
8. OCD retains jurisdiction and reserves the right to modify or revoke this Order as it deems necessary to prevent waste or protect correlative rights, public health, or the environment.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**



\_\_\_\_\_  
**ADRIENNE SANDOVAL**  
**DIRECTOR**  
 AS/dm

**DATE:** 4/06/2021

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Exhibit A**

Order: CTB-988

Operator: Mack Energy Corporation (13837)

Central Tank Battery: Maple Ridge Central Tank Battery

Central Tank Battery Location (NMPM): Unit B, Section 23, Township 15 South, Range 29 East

Gas Custody Transfer Meter Location (NMPM): Unit O, Section 4, Township 16 South, Range 29 East

**Pools**

Pool Name	Pool Code
ROUND TANK; SAN ANDRES	52770

**Leases as defined in 19.15.12.7(C) NMAC**

Lease	Location (NMPM)	
NMNM 122614	W/2 E/2	Sec 14-T15S-R29E
CA SA NMNM 143144	E/2 E/2	Sec 23-T15S-R29E

**Wells**

Well API	Well Name	Location (NMPM)	Pool Code	Train
30-005-64352	Powell River Federal Com #1H	P-14-15S-29E	52770	
30-005-64324	Maple Ridge Federal #1H	B-23-15S-29E	52770	

**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 20819

**CONDITIONS OF APPROVAL**

Operator: MACK ENERGY CORP 11344 Lovington Hwy	P.O. Box 960 Artesia, NM88211-0960	OGRID: 13837	Action Number: 20819	Action Type: C-107B
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OCD Reviewer	Condition
dmccleure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.