

4/25/2018m

RECEIVED: 4/24/2018m	REVIEWER: MAM	TYPE: CTB	APP NO: DMAM 1811455733
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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: Multiple **API:** Multiple
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(PORATION 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 ☐ IFI ☐ EOR ☐ PPR

CTB-778

APR 24 2018 PM 08:08

Oil sold @
Facility
GPS measure
at line meter
(CTB-)

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

- ☐ Notice Complete
☐ 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.

Jerry W. Sherrell

Print or Type Name

Jerry W. Sherrell
Signature

4/19/2018

Date

575-748-1288

Phone Number

jerrys@mec.com
e-mail Address



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

April 25, 2018

*Oil Conservation Division
Attn: Michael A. McMillan
1220 S. St. Francis Drive
Santa Fe, NM 87505*

Re: Application of Mack Energy Corporation for administrative approval for Central Tank Battery and Off Lease Measurement of oil and gas production at a CTB Facility located in Section 20, Township 15S Range 29E, NMPM, Chaves County, New Mexico.

Dear Sir:

Mack Energy Corporation (OGRID 013837) seeks administrative approval for a Central Tank Battery/Off Lease Measurement Facility to surface commingle oil and gas production from the Round Tank; San Andres Pool (Pool Code 52770) for the attached list of existing and future wells and leases drilled within the mentioned areas of diverse ownership in Sections 17, 20 and 29 T15S R29E.

Pursuant to NMAC 19.15.12.7, approved spacing units with diverse ownership are considered separate leases for surface commingling purposes. Mack Energy is requesting approval to surface commingle production according to the provisions of NMAC 19.15.12.10.C from all existing and future wells in these separate areas of diverse ownership at the Prince Rupert CTB in Unit L, Sec. 20 T15S R29E. Pursuant to 19.15.12.10(C)(4)(g), Mack Energy requests authority to produce future leases with notice provided to only the interest owners of the future wells on these leases. Each well will be tested through a test production train, located at this facility. Oil and Gas production will be measured using test meters and 7 day test cycles.

The gas production will be measured at this CTB, and then transported by pipeline to the central sales point located off lease in Unit O, Section 4-T16S-R29E, Chaves County.

Oil produced from the Prince Rupert Federal 1,2 & 3H, Chilliwack Federal Com #1H, Montreal Federal Com 1H, Ottawa Federal Com 1H and Windsor Federal Com 1H will be measured and sold from the Prince Rupert CTB located in Unit L, Sec 20 T15S R29E.

Exhibit 1 is a land map showing Mack's current and proposed development in the subject area.

Exhibit 2 is a completed Application for Surface Commingling(Diverse Ownership) and Off-Lease Measurement Form C107B.

Exhibit 3 is a list of all lands associated with this commingling application.

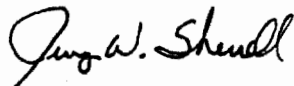
Exhibit 4 is a C-102 for each well both existing and proposed within the project area.

Exhibit 5 is a facility diagram for this CTB.

Exhibit 6 is a list of the interests affected by this request for approval of a CTB Facility. A copy of this application with all attachments has been sent by certified mail to all affected parties advising them that if they have an objection they must file it in writing with the division within 20 of the date the division receives Mack's application.

Your attention to this matter is greatly appreciated.

Sincerely,



Jerry W. Sherrell
Production Clerk
jerrys@mec.com

JWS/

Enclosures

Lands for Prince Rupert Federal CTB

T15S R29E

Sec. 17 SWSW -Chilliwack Federal Com 1H

Sec. 20 All -Prince Rupert Federal #1-3H, Chilliwack Federal Com 1H, Montreal Federal Com 1H

Sec. 29 W/2 –Ottawa Federal Com 1H, Windsor Federal 1H

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) 7 day test intervals, using test equipment.

(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: 4/19/2018

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO.: 575-748-1288

E-MAIL ADDRESS: jerrys@mec.com

Gas Pipelined to Sales Meter Canada CDP meter #742674-00

Prince Rupert Federal #1

Prince Rupert Federal Wells
NMNM-131580
#1 30-005-64222
#2 30-005-64223
3H 30-005-64241

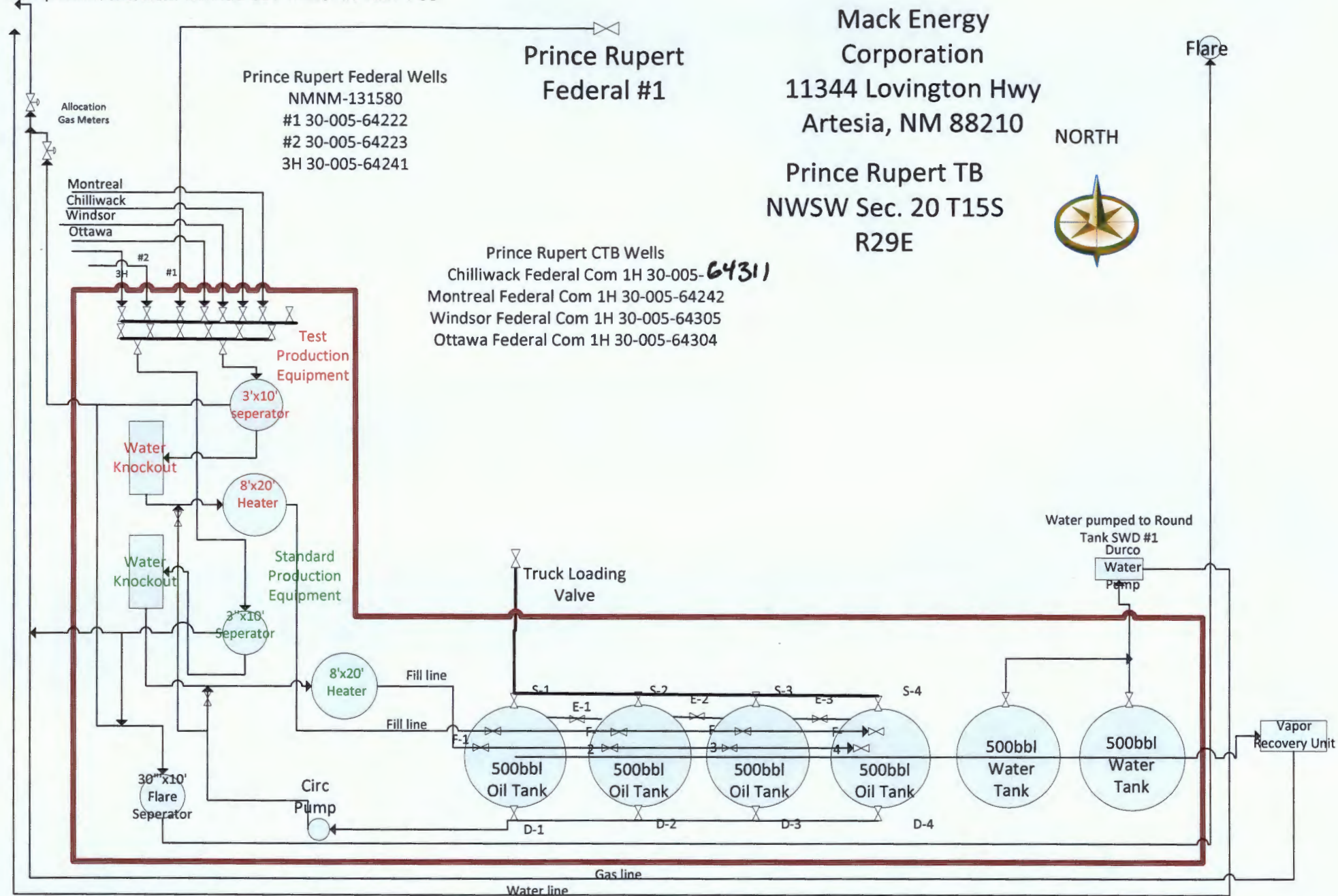
Mack Energy
Corporation
11344 Lovington Hwy
Artesia, NM 88210

Prince Rupert TB
NWSW Sec. 20 T15S
R29E

NORTH



Prince Rupert CTB Wells
Chilliwick Federal Com 1H 30-005-64311
Montreal Federal Com 1H 30-005-64242
Windsor Federal Com 1H 30-005-64305
Ottawa Federal Com 1H 30-005-64304



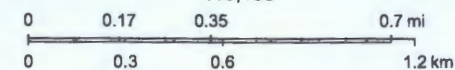
OCD Well Locations



April 17, 2018

- | | | | |
|--------------|------------------------|----------------------|--------------------------|
| — Override 1 | Override 3 | PLSS First Division | NMSLO Oil and Gas Leases |
| Areas | OCD Districts | PLSS Second Division | BLM Fluid Min Units |
| Override 1 | ★ OCD District Offices | PLSS Townships | BLM Fluid Min Leases |
| Override 2 | | | |

1:15,158



OCD, Esri, HERE, Garmin, IPC, USDA FSA, DigitalGlobe, GeoEye, CNES/Airbus DS, BLM

District I
 1625 N. French Blvd., Hobbs, NM 88240
 Phone: (505) 393-6161 Fax: (505) 393-0720
 District II
 511 S. First St., Artesia, NM 88210
 Phone: (505) 746-1251 Fax: (505) 746-9720
 District III
 1000 Rio Bravo Road, Artesia, NM 88210
 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

API Number 30-005-64222		Pool Code 52770	Pool Name Round Tank; San Andres
Property Code 314080	Property Name PRINCE RUPERT FEDERAL		Well Number 1
GRID No. 13837	Operator Name MACK ENERGY CORPORATION		Elevation 3749.7

*** Surface Location**

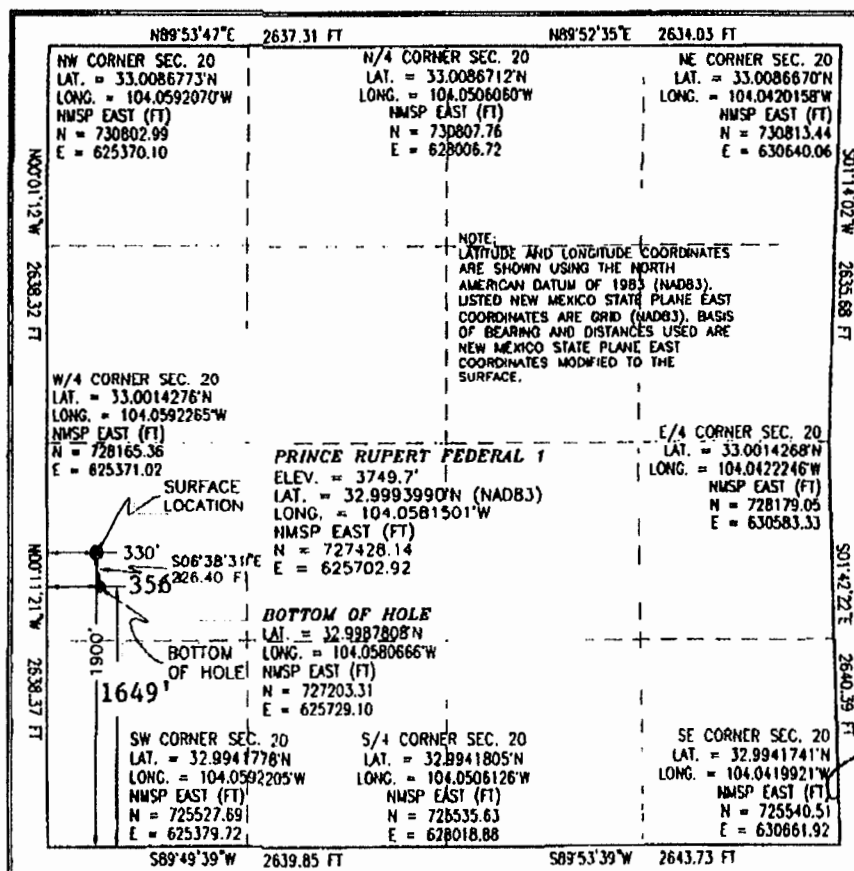
U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	15 S	29 E		1900	SOUTH	330	WEST	CHAVES

*** Bottom Hole Location If Different From Surface**

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	15 S	29 E		1649	SOUTH	356	WEST	CHAVES

Dedicated Acres	Joint or Infill	Consolidation Code	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.



" 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 undivided mineral interest in the land including
 the proposed bottom hole location or has a right to drill this well as 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: Deana Weaver 10.20.16
 Date

Printed Name: Deana Weaver

E-mail Address: dweaver@mec.com

"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 are true and correct to the best of my belief.

Date of Survey: JUL 12 2016
 Signature: [Signature]
 State of New Mexico
 Certificate Number: 12797
 SURVEY NO. 2804B

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720
District II
511 S. First St., Artesia, NM 88210
Phone: (575) 748-1253 Fax: (575) 748-0720
District III
1000 Rio Hondo Road, Aztec, NM 87410
Phone: (505) 334-6174 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 30-005-64223		² Pool Code 52770		³ Pool Name Round Tank; San Andres	
⁴ Property Code		⁵ Property Name PRINCE RUPERT FEDERAL			⁶ Well Number 2
⁷ OGRID No. 13837		⁸ Operator Name MACK ENERGY CORPORATION			⁹ Elevation 3758.0
" Surface Location					
U.T. or lot no. K	Section 20	Township 15 S	Range 29 E	Lot Idn	Feet from the 1650
		North/South line SOUTH		Feet from the 1650	East/West line WEST
				County CHAVES	
" Bottom Hole Location If Different From Surface					
U.T. or lot no.	Section	Township	Range	Lot Idn	Feet from the
		North/South line		Feet from the	East/West line
				County	
¹⁰ Dedicated Acres 40		¹¹ Joint or Infill		¹² Consolidation Code	
				¹³ 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.

N89°53'47"E 2637.31 FT		N89°52'35"E 2634.03 FT	
NW CORNER SEC. 20 LAT. = 33.0086773°N LONG. = 104.0592070°W NMSP EAST (FT) N = 730802.99 E = 625370.10	N/4 CORNER SEC. 20 LAT. = 33.0086712°N LONG. = 104.0506060°W NMSP EAST (FT) N = 730807.76 E = 628006.72	NE CORNER SEC. 20 LAT. = 33.0086070°N LONG. = 104.0420158°W NMSP EAST (FT) N = 730813.44 E = 630640.06	
<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASHES OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p>			
W/4 CORNER SEC. 20 LAT. = 33.0014276°N LONG. = 104.0592265°W NMSP EAST (FT) N = 728185.36 E = 625371.02	<p>PRINCE RUPERT FEDERAL #2 ELEV. = 3758.0' LAT. = 32.9987136°N (NAD83) LONG. = 104.0538436°W NMSP EAST (FT) N = 727182.28 E = 627023.87</p>		E/4 CORNER SEC. 20 LAT. = 33.0014268°N LONG. = 104.0422246°W NMSP EAST (FT) N = 728179.05 E = 630583.33
SW CORNER SEC. 20 LAT. = 32.9941778°N LONG. = 104.0592205°W NMSP EAST (FT) N = 725527.69 E = 625379.72	S/4 CORNER SEC. 20 LAT. = 32.9941805°N LONG. = 104.0506126°W NMSP EAST (FT) N = 725535.63 E = 628018.88	SE CORNER SEC. 20 LAT. = 32.9941741°N LONG. = 104.0419921°W NMSP EAST (FT) N = 725540.51 E = 630661.92	
S89°49'30"W 2639.85 FT		S89°53'39"W 2643.73 FT	

" 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 undivided mineral interest in the land on which 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: Jerry W. Sherrell Date: 8-25-14

Printed Name: Jerry W. Sherrell

E-mail Address: jerry5@ccc.com

"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.

Signature and Seal of Professional Surveyor: [Signature]

Date of Survey: APRIL 24, 2014

Certificate Number: 117501

SURVEY NO. 2805

District I
1625 N. French Dr., Hobbs, NM 88249
Phone: (575) 393-6161 Fax: (575) 393-4720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1060 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) 476-3169 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64241	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code 314080	⁵ Property Name PRINCE RUPERT FEDERAL	
⁶ OGRID No. 13837	⁷ Operator Name MACK ENERGY CORPORATION	
		⁸ Well Number 3H
		⁹ Elevation 3780.5

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	17	15 S	29 E		330	SOUTH	2160	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
O	20	15 S	29 E		259	SOUTH	2267	EAST	CHAVES

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

" 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 a 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 created by the division.

Signature: Deana Weaver Date: 5/9/17

Printed Name: Deana Weaver

E-mail Address: dweaver@mec.com

"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.

Date of Survey: SEPTEMBER 28, 2016

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: DEAN F. JARAMILLO, PLS 12797

SURVEY NO. 2868B

SCANNEL

District I
1625 N. French Dr., Hobbs, NM 88249
Phone (505) 393-6101 Fax (505) 393-0720
District II
811 S. First St., Artesa, NM 88210
Phone (505) 748-1293 Fax (505) 748-9720
District III
1009 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6179
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
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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64311	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code	⁵ Property Name CHILLIWACK FEDERAL COM	⁶ Well Number 1H
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3781.9

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	15 S	29 E		810	SOUTH	965	WEST	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
M	20	15 S	29 E		5	SOUTH	965	WEST	CHAVES

¹⁰ Dedicated Acres	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
200			

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.

<p>" OPERATOR CERTIFICATION</p> <p>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 undivided 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 hereafter entered by the division.</p> <p>Signature: <u>Deana Weaver</u> 3.7.18 Deana Weaver Printed Name Email Address: <u>dweaver@mec.com</u></p>		<p>"SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Signature and Seal of Professional Surveyor: Date of Survey: _____ Certificate Number: _____ THOMAS JARAMILLO, PLS (2797) SURVEY NO. 5986A</p>	
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Project Area

CHILLIWACK FEDERAL COM 1H
ELEV = 3781.9'
LAT. = 33.0109009N (NAD83)
LONG. = 104.0560517W
NWSP EAST (FT)
N = 731614.56
E = 626335.23

FIRST TAKE POINT
62' FSL, 965' PWL
LAT. = 33.0088455N
LONG. = 104.0560587W
NWSP EAST (FT)
N = 730866.73
E = 626335.05

SURFACE LOCATION
500' 00" 50" W
748.03 FT
NWSP EAST (FT)
N = 730807.76
E = 628006.72

BOTTOM OF HOLE
LAT. = 32.9941926N
LONG. = 104.0560739W
NWSP EAST (FT)
N = 725535.59
E = 626344.45

LAST TAKE POINT
40' FSL, 965' PWL
LAT. = 32.9941778N
LONG. = 104.0560734W
NWSP EAST (FT)
N = 725577.89
E = 626344.51

SW CORNER SEC. 17
LAT. = 33.0086773N
LONG. = 104.0592070W
NWSP EAST (FT)
N = 730807.99
E = 625370.10

NE CORNER SEC. 17
LAT. = 33.0231813N
LONG. = 104.0419777W
NWSP EAST (FT)
N = 736095.17
E = 630638.67

SE CORNER SEC. 17
LAT. = 33.0086670N
LONG. = 104.0420158W
NWSP EAST (FT)
N = 730813.44
E = 630640.06

SW CORNER SEC. 20
LAT. = 33.0014276N
LONG. = 104.0592265W
NWSP EAST (FT)
N = 728165.36
E = 625371.02

SE CORNER SEC. 20
LAT. = 33.0014268N
LONG. = 104.0422746W
NWSP EAST (FT)
N = 728179.05
E = 630651.33

SW CORNER SEC. 20
LAT. = 32.9941778N
LONG. = 104.0592265W
NWSP EAST (FT)
N = 725577.89
E = 626344.51

SE CORNER SEC. 20
LAT. = 32.9941714N
LONG. = 104.0419971W
NWSP EAST (FT)
N = 725543.51
E = 630651.92

SW CORNER SEC. 17
LAT. = 33.0159381N
LONG. = 104.0591803W
NWSP EAST (FT)
N = 733444.71
E = 625371.40

NE CORNER SEC. 17
LAT. = 33.0231817N
LONG. = 104.0591511W
NWSP EAST (FT)
N = 736082.33
E = 627533.48

SW CORNER SEC. 17
LAT. = 33.0159381N
LONG. = 104.0591803W
NWSP EAST (FT)
N = 733444.71
E = 625371.40

NE CORNER SEC. 17
LAT. = 33.0231817N
LONG. = 104.0591511W
NWSP EAST (FT)
N = 736082.33
E = 627533.48

SW CORNER SEC. 17
LAT. = 33.0159381N
LONG. = 104.0591803W
NWSP EAST (FT)
N = 733444.71
E = 625371.40

NE CORNER SEC. 17
LAT. = 33.0231817N
LONG. = 104.0591511W
NWSP EAST (FT)
N = 736082.33
E = 627533.48

SW CORNER SEC. 17
LAT. = 33.0159381N
LONG. = 104.0591803W
NWSP EAST (FT)
N = 733444.71
E = 625371.40

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
5115 First St., Artesia, NM 88210
Phone: (505) 745-1283 Fax: (505) 745-0720
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 30-005-64242	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code 318386	⁵ Property Name MONTREAL FEDERAL COM	⁶ Well Number 1H
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3794.5

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	15 S	29 E		530	SOUTH	990	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
P	20	15 S	29 E		270	SOUTH	965	EAST	CHAVES

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

<p>NW CORNER SEC. 17 LAT. = 33.0231877N LONG. = 104.0591511W NWSP EAST (FT) N = 736082.33 E = 625373.48</p> <p>W/4 CORNER SEC. 17 LAT. = 33.0159381N LONG. = 104.0591803W NWSP EAST (FT) N = 733444.71 E = 625371.40</p> <p>SW CORNER SEC. 17 LAT. = 33.0086773N LONG. = 104.0592070W NWSP EAST (FT) N = 730802.99 E = 625370.10</p> <p>W/4 CORNER SEC. 20 LAT. = 33.0014278N LONG. = 104.0592265W NWSP EAST (FT) N = 728165.36 E = 625371.02</p> <p>SW CORNER SEC. 20 LAT. = 32.9941776N LONG. = 104.0592205W NWSP EAST (FT) N = 725527.69 E = 625379.72</p>	<p>2843.06 FT 589°04'14"E</p> <p>N/4 CORNER SEC. 17 LAT. = 33.0230506N LONG. = 104.0505315W NWSP EAST (FT) N = 736039.47 E = 628015.51</p> <p>MONTREAL FEDERAL COM 1H ELEV. = 3794.5' LAT. = 33.0101250N (NAD83) LONG. = 104.0452417W NWSP EAST (FT) N = 731341.16 E = 629649.70</p> <p>589°53'47"W 2637.31 FT 589°52'35"W 2804.03 FT</p> <p>2637.31 FT 589°53'39"W</p> <p>2639.85 FT 589°49'39"W</p> <p>2643.73 FT 589°53'39"W</p>	<p>2624.38 FT N88°47'01"E</p> <p>NE CORNER SEC. 17 LAT. = 33.0231840N LONG. = 104.0419727W NWSP EAST (FT) N = 736095.17 E = 630638.62</p> <p>E/4 CORNER SEC. 17 LAT. = 33.0159319N LONG. = 104.0420011W NWSP EAST (FT) N = 733456.63 E = 630637.24</p> <p>SE CORNER SEC. 17 LAT. = 33.0086670N LONG. = 104.0420158W NWSP EAST (FT) N = 730813.44 E = 630640.08</p> <p>E/4 CORNER SEC. 20 LAT. = 33.0014288N LONG. = 104.0422246W NWSP EAST (FT) N = 728179.05 E = 630583.33</p> <p>SE CORNER SEC. 20 LAT. = 32.9941711N LONG. = 104.0439211W NWSP EAST (FT) N = 725540.51 E = 630661.92</p>	<p>" 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 undivided 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 into by the state.</p> <p>Deana Weaver 6-23-14 Signature Date</p> <p>Deana Weaver Printed Name</p> <p>dweaver@mec.com E-mail Address</p> <p>" 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.</p> <p>MAY 15, 2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor Certificate Number 14114014 JARAMILLO, P.C.S. 12797 SURVEY NO. 2869B</p>
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"SURVEYOR 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well on 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 3.15.18
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.

MARCH 1, 2018
Date of Survey

Frank Jaramillo
Signature and Seal of Professional Surveyor

Certificate Number 115800N F JARAMILLO PLS 12797

SURVEY NO 53101

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Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-64305		1 Pool Code 52770		1 Pool Name Round Tank; San Andres	
1 Property Code 320470		1 Property Name WINDSOR FEDERAL			1 Well Number 1H
1 OGRID No. 13837		1 Operator Name MACK ENERGY CORPORATION			1 Elevation 3767.0

1 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	15 S	29 E		660	SOUTH	1675	WEST	CHAVES

2 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
N	29	15 S	29 E		5	SOUTH	1675	WEST	CHAVES

1 Dedicated Acres	2 Joint or Infill	3 Consolidation Code	4 Order No.
160			

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.

<p>1 NW CORNER SEC. 20 LAT. = 33.0086773 N LONG. = 104.0592070 W NWSF EAST (FT) N = 730802.99 E = 625370.10</p> <p>2 W Q CORNER SEC. 20 LAT. = 33.0014276 N LONG. = 104.0592765 W NWSF EAST (FT) N = 728165.36 E = 625371.02</p> <p>3 SW CORNER SEC. 20 LAT. = 32.9941778 N LONG. = 104.0592205 W NWSF EAST (FT) N = 725271.69 E = 625379.72</p> <p>4 S Q CORNER SEC. 20 LAT. = 32.9941805 N LONG. = 104.0592205 W NWSF EAST (FT) N = 725335.63 E = 628018.88</p> <p>5 SE CORNER SEC. 20 LAT. = 33.0014288 N LONG. = 104.0422246 W NWSF EAST (FT) N = 728179.05 E = 639583.33</p> <p>6 NE CORNER SEC. 20 LAT. = 33.0086670 N LONG. = 104.0420158 W NWSF EAST (FT) N = 730813.44 E = 630640.06</p> <p>7 SW CORNER SEC. 29 LAT. = 32.9969244 N LONG. = 104.0592779 W NWSF EAST (FT) N = 722888.70 E = 625384.34</p> <p>8 S Q CORNER SEC. 29 LAT. = 32.997446 N LONG. = 104.0594521 W NWSF EAST (FT) N = 722775.20 E = 625322.17</p> <p>9 SE CORNER SEC. 29 LAT. = 32.997446 N LONG. = 104.0594521 W NWSF EAST (FT) N = 722775.20 E = 625322.17</p> <p>10 NE CORNER SEC. 29 LAT. = 32.997446 N LONG. = 104.0594521 W NWSF EAST (FT) N = 722775.20 E = 625322.17</p> <p>11 FIRST TAKE POINT 40' FNL, 1675' FVL LAT. = 32.9942696 N LONG. = 104.0537594 W NWSF EAST (FT) N = 725492.73 E = 627054.19</p> <p>12 BOTTOM OF HOLE LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>13 LAST TAKE-POINT LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>14 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>15 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>16 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>17 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>18 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>19 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p> <p>20 SURFACE LOCATION LAT. = 32.9797573 N LONG. = 104.0539939 W NWSF EAST (FT) N = 728285.34 E = 628947.04</p>		<p>1 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information, either directly or indirectly, is not being used for any purpose other than the proposed bottom hole location or has a right to 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 into by the division.</p> <p><i>Deana Weaver</i> 3-20-18 Signature Date</p> <p>Deana Weaver Printed Name</p> <p>dweaver@mec.com E-mail Address</p> <p>2 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 11, 2018 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number P180011 JARAMILLO PUS 12797 SURVEY NO. 28640</p>
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Sales Phase

Tank 1	Tank 2	Tank 3	Tank 4
F-1 Closed	F-1 Closed	F-1 Open	F-1 Closed
F-2 Closed	F-2 Closed	F-2 Closed	F-2 Open
F-3 Open	F-3 Closed	F-3 Closed	F-3 Closed
F-4 Closed	F-4 Open	F-4 Closed	F-4 Closed
E-1 Closed	E-1 Closed	E-1 Open	E-1 Open
E-2 Open	E-2 Open	E-2 Closed	E-2 Closed
D-1 Closed	D-1 Closed	D-1 Open	D-1 Closed
D-2 Closed	D-2 Closed	D-2 Closed	D-2 Open
D-3 Open	D-3 Closed	D-3 Closed	D-3 Closed
D-4 Closed	D-4 Open	D-4 Closed	D-4 Closed
S-1 Open	S-1 Closed	S-1 Closed	S-1 Closed
S-2 Closed	S-2 Open	S-2 Closed	S-2 Closed
S-3 Closed	S-3 Closed	S-3 Open	S-3 Closed
S-4 Closed	S-4 Closed	S-4 Closed	S-4 Open

Production Phase

Tank 1	Tank 2	Tank 3	Tank 4
F-1 Open	F-1 Closed	F-1 Closed	F-1 Closed
F-2 Closed	F-2 Open	F-2 Closed	F-2 Closed
F-3 Closed	F-3 Closed	F-3 Open	F-3 Closed
F-4 Closed	F-4 Closed	F-4 Closed	F-4 Open
E-1 Open	E-1 Open	E-1 Closed	E-1 Closed
E-2 Closed	E-2 Closed	E-2 Open	E-2 Open
D-1 Open	D-1 Closed	D-1 Closed	D-1 Closed
D-2 Closed	D-2 Open	D-2 Closed	D-2 Closed
D-3 Closed	D-3 Closed	D-3 Open	D-3 Closed
D-4 Closed	D-4 Closed	D-4 Closed	D-4 Open
S-1 Closed	S-1 Closed	S-1 Closed	S-1 Closed
S-2 Closed	S-2 Closed	S-2 Closed	S-2 Closed
S-3 Closed	S-3 Closed	S-3 Closed	S-3 Closed
S-4 Closed	S-4 Closed	S-4 Closed	S-4 Closed

Re: Application of Mack Energy Corporation for administrative approval for Central Tank Battery approval to surface commingle (lease commingle) oil and gas production at a CTB Facility located in Section 20, Township 15S Range 29E, NMPM, Chaves County, New Mexico.

List of Affected Parties

Sendero Energy LLC

Katz Resources LLC

M Squared Energy LLC

Chase Oil Corp

Robert C Chase

Broken Arrow Royalties LLC

Ventana Minerals LLC

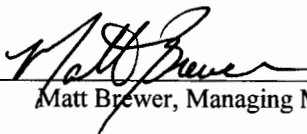
DiaKan Minerals LLC

Bureau of Land Management

SIGNATURE PAGE


Re: Application of Mack Energy Corporation for administrative approval for Central Tank Battery approval to surface commingle (lease commingle) oil and gas production at a CTB Facility located in Section 20, Township 15S Range 29E, NMPM, Chaves County, New Mexico.

SENDERO ENERGY LLC

By: 
Matt Brewer, Managing Member


Date: 4/18/2018

KATZ RESOURCES LLC

By: 
Charles Sadler, Managing Member

Date: 4/19/18

M SQUARED ENERGY LLC

By: 
W. Lee Livingston, Managing Member

Date: 4-18-2018



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

April 25, 2018

VIA CERTIFIED MAIL 7015 3430 0000 2209 7056

Revised Letter

Bureau of Land Management
2909 West 2nd Street
Roswell, NM 88202-2909

Dear Sir:

Mack Energy Corporation (OGRID 013837) seeks administrative approval for a Central Tank Battery/Off Lease Measurement Facility to surface commingle oil and gas production from the Round Tank; San Andres Pool (Pool Code 52770) for the attached list of existing and future wells and leases drilled within the mentioned areas of diverse ownership in Sections 17, 20 and 29 T15S R29E.

Pursuant to NMAC 19.15.12.7, approved spacing units with diverse ownership are considered separate leases for surface commingling purposes. Mack Energy is requesting approval to surface commingle production according to the provisions of NMAC 19.15.12.10.C from all existing and future wells in these separate areas of diverse ownership at the Prince Rupert CTB in Unit L, Sec. 20 T15S R29E. Pursuant to 19.15.12.10(C)(4)(g), Mack Energy requests authority to produce future leases with notice provided to only the interest owners of the future wells on these leases. Each well will be tested through a test production train, located at this facility. Oil and Gas production will be measured using test meters and 7 day test cycles.

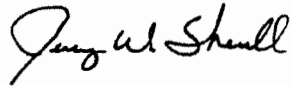
The gas production will be measured at this CTB, and then transported by pipeline to the central sales point located off lease in Unit O, Section 4-T16S-R29E, Chaves County.

Oil produced from the Hamilton Federal Com #1H in Unit M Section 15-T15S-R29E and the Thunder Bay Federal Com #1H Unit C Section 22-T15S-R29E is measured and sold from the Thunder Bay CTB located in Unit M, Sec 22 T15S R29E.

Enclosed is a copy of this 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 has been made within the 20 day period, this application may be approved administratively by the Division.

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

Sincerely,

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk
jerrys@mec.com

JWS/

Enclosures



P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1388
Fax (505) 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:

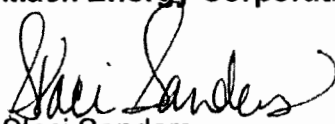
Mack Energy Corporation is a Chase Family owned entity. The following Chase individuals or companies are all affiliates of Mack Energy Corporation and usually own an interest in wells drilled and/or operated by Mack Energy Corporation.

- 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


Staci Sanders
Land Manager

/ss

McMillan, Michael, EMNRD

From: Jerry Sherrell <jerrys@mec.com>
Sent: Monday, April 16, 2018 2:27 PM
To: McMillan, Michael, EMNRD
Subject: RE: Gas CTB Application

yes

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Monday, April 16, 2018 2:27 PM
To: Jerry Sherrell
Subject: RE: Gas CTB Application

Is the Custody Transfer Point located in Unit O, Section 4 Township 16 South, Range 29 East?
Mike

From: Jerry Sherrell <jerrys@mec.com>
Sent: Monday, April 16, 2018 11:26 AM
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: Gas CTB Application

Jerry W. Sherrell
Mack Energy Corporation
PO Box 960
Artesia, NM 88210
Office 575-748-1288
Cell 575-703-7382
jerrys@mec.com