

DATE IN 5/08/2015	SUSPENSE	ENGINEER MAM	LOGGED IN 5/11/2015	TYPE DHC	APP NO. DYNAM 153132561
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- 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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.

Deana Weaver
Print or Type Name

Deana Weaver
Signature

Production Clerk
Title

5.5.15
Date

dweaver@mec.com
e-mail Address



RECEIVED OGD

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

2015 MAY -8 P 3:09

May 5, 2015

Oil Conservation Division
Attn: Phillip R Goetze
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Down Hole Commingling, and measurement of
Hydrocarbon Production for:
Wind Fee #1
Section 4, T23S, R27E
Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned well respectfully requests administrative approval for down hole commingling and measurement of production.

Mack Energy proposes to commingle Bone Spring and Upper Wolfcamp production in the Wind Fee #1. Production of both pools will be measured at the TB located in the SE/4 NE/4, Sec. 4 T23S R27E. This lease has common interest in both pools. Notification has been made to all parties owning an interest in this lease, including the oil purchaser, of the intent to commingle. Allocation will be done using a fixed allocation percentage.

Should you require any additional information concerning this application, please call Deana Weaver at 575-748-1288. Thank you for your consideration of this request.

Sincerely,

MACK ENERGY CORPORATION

Deana Weaver

Deana Weaver
Production Clerk
dweaver@mec.com

DW/
Enclosures

District I
1621 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
☒ Single Well
☒ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation

P.O. Box 960, Artesia, NM 88211-0960

Operator

Address

Wind Fee

1

G-4-23S-27E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 39600 API No. 30-015-40922 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name		Cass Draw; Bone Spring	WC-015 G-06 S232704H; Upper Wolfcamp
Pool Code		10380	98125
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)		6523-8955'	8955-9039'
Method of Production (Flowing or Artificial Lift)		Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)		40.20	40.20
Producing, Shut-In or New Zone		Producing	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: _____ Rates: _____	Date: <u>3/1/2015</u> Rates: <u>324/2203/4876</u>	Date: <u>3/1/2015</u> Rates: <u>13/92/203</u>
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil _____ Gas _____ % _____ % _____	Oil _____ Gas _____ 96 % 96 %	Oil _____ Gas _____ 4 % 4 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☒

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Deana Weaver TITLE Production Clerk DATE 5.5.15

TYPE OR PRINT NAME Deana Weaver TELEPHONE NO. (575) 748-1288

E-MAIL ADDRESS dweaver@mec.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
511 S. First St., Artesia, NM 88210
Phone: (575) 745-1283 Fax: (575) 745-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40922		² Pool Code 10380		³ Pool Name Cass Draw; Bone Spring	
⁴ Property Code 39600		⁵ Property Name WIND FEE			⁶ Well Number 1
⁷ OGRID No. 13837		⁸ Operator Name MACK ENERGY CORPORATION			⁹ Elevation 3134.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	4	23 S	27 E		1650	NORTH	2310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	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.

<p>S89°40'16"W 2665.49 FT</p> <p>NW CORNER SEC. 4 LAT. = 32°20'28.861"N LONG. = 104°12'13.295"W</p> <p>N/4 CORNER SEC. 4 LAT. = 32°20'28.980"N LONG. = 104°11'42.232"W</p> <p>NE CORNER SEC. 4 LAT. = 32°20'29.059"N LONG. = 104°11'11.218"W</p> <p>W/4 CORNER SEC. 4 DID NOT FIND</p> <p>E/4 CORNER SEC. 4 LAT. = 32°20'03.290"N LONG. = 104°11'11.777"W</p> <p>SW CORNER SEC. 4 LAT. = 32°19'36.237"N LONG. = 104°12'13.160"W</p> <p>S/4 CORNER SEC. 4 LAT. = 32°19'36.715"N LONG. = 104°11'42.755"W</p> <p>SE CORNER SEC. 4 LAT. = 32°19'37.197"N LONG. = 104°11'12.340"W</p> <p>N88°52'01"E 2609.86 FT</p> <p>N88°51'17"E 2610.66 FT</p>		<p>¹⁷ 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 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.</p> <p><i>Deana Weaver</i> 5.5.15 Signature Date</p> <p>Deana Weaver Printed Name</p> <p>dweaver@mec.com E-mail Address</p> <p>¹⁸ 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>NOVEMBER 13, 2012 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILMOK E JARAMILLO, PLS 13797 SURVEY NO. 1378</p>
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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) 745-1283 Fax: (575) 745-0720
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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 30-015-40922	² Pool Code 98125	³ Pool Name WC-015 G-06 S232704H; Upper Wolfcamp
⁴ Property Code 39600	⁵ Property Name WIND FEE	⁶ Well Number 1
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3134.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	4	23 S	27 E		1650	NORTH	2310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	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.

<p>S89°40'16"W 2665.49 FT</p> <p>NW CORNER SEC. 4 LAT. = 32°20'28.861"N LONG. = 104°12'13.295"W</p> <p>N/4 CORNER SEC. 4 LAT. = 32°20'28.980"N LONG. = 104°11'42.232"W</p> <p>NE CORNER SEC. 4 LAT. = 32°20'29.059"N LONG. = 104°11'11.218"W</p> <p>W/4 CORNER SEC. 4 DID NOT FIND</p> <p>E/4 CORNER SEC. 4 LAT. = 32°20'03.290"N LONG. = 104°11'11.777"W</p> <p>SW CORNER SEC. 4 LAT. = 32°19'36.237"N LONG. = 104°12'13.160"W</p> <p>S/4 CORNER SEC. 4 LAT. = 32°19'36.715"N LONG. = 104°11'42.755"W</p> <p>SE CORNER SEC. 4 LAT. = 32°19'37.197"N LONG. = 104°11'12.340"W</p> <p>N88°52'01"E 2609.86 FT</p> <p>N88°51'17"E 2610.66 FT</p>		<p>S89°45'00"W 2661.18 FT</p> <p>WIND FEE #1 ELEV. = 3134.4' LAT. = 32°20'12.664"N (NAD83) LONG. = 104°11'38.498"W</p> <p>2310'</p> <p>1650'</p> <p>SURFACE LOCATION</p> <p>S00°11'40"E 2659.54 FT</p> <p>S00°11'40"E 2659.54 FT</p> <p>N00°58'30"E 2605.09 FT</p> <p>N00°58'18"E 2637.83 FT</p>
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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released 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 55.15
Signature Date

Deana Weaver
Printed Name

dweaver@mec.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

NOVEMBER 13, 2012
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

Certificate Number F11, IMOX E, JARAMILLO, PLS 13797
SURVEY NO. 1378

MEMO

DATE: April 2, 2015

TO: NMOCD

FROM: Travis K. Lanning

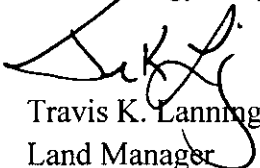
RE: Wind Fee #1
T23S, R27E, NMPM
Section 4: SW/4NE/4,
Eddy County, New Mexico

Mack Energy Corporation respectfully requests approval to downhole commingle production from the Bone Spring and Wolfcamp formations in our Wind Fee No. 1.

All formations have identical working and revenue interests.

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

Sincerely,
Mack Energy Corporation



Travis K. Lanning
Land Manager

Division Order Attachment

Owner Code	Owner Name	Addr Sub #	Net Revenue Interest	Interest Type	Susp Code	Tax Id
Deck: 15704 Description: WIND FEE - REV DISTR. Inactive: No						
Property: 3160 Wind Fee						
County, State: Eddy County, NM						
Map Reference: Township: 023-S Range: 027-E Section: 04 Qtr/Qtr: Lots 2 & 3, SW/4NE/4, SE/4NW/4						
Effective Date: 10/01/2013 Payor: Mack Energy Corporation						

003158	Rolla R. Hinkle III	00001	0.02500000	ORRI	MIN	585-80-0080
	<div style="border: 1px solid black; padding: 2px;"> P.O. Box 2292 Roswell, NM 88202-2292 US (575) 622-5061 </div>					
003791	Madison M. Hinkle	00001	0.02500000	ORRI	MIN	585-80-0079
	<div style="border: 1px solid black; padding: 2px;"> P. O. Box 2292 Roswell, NM 88202-2292 US 505/622-5061 </div>					
015544	Missouri-NM Land Company	00002	0.20000000	RI	MIN	43-0818932
	<div style="border: 1px solid black; padding: 2px;"> P. O. Box 1154 Doug McDowell Caruthersville, MO 63830 US 573-424-8114 </div>					
101	Chase Oil Corporation	00001	0.63750000	WI	MIN	85-0403681
	<div style="border: 1px solid black; padding: 2px;"> P.O. Box 1767 Artesia, NM 88211-1767 US (575) 746-9853 </div>					
110	Robert C. Chase	00001	0.03750000	WI	MIN	585-80-7468
	<div style="border: 1px solid black; padding: 2px;"> P.O. Box 297 Artesia, NM 88211-0297 US 505-748-1288 </div>					
185	Ventana Minerals LLC	00001	0.03750000	WI	MIN	27-1251162
	<div style="border: 1px solid black; padding: 2px;"> P. O. Box 359 Artesia, NM 88211 US </div>					
195	DiaKan Minerals LLC	00001	0.03750000	WI	MIN	27-1243802
	<div style="border: 1px solid black; padding: 2px;"> P. O. Box 693 Artesia, NM 88211-0693 US </div>					

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1.00000000



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

May 5, 2015

Rolla R. Hinkle III
P.O. Box 2292
Roswell, NM 88202-2292

VIA CERTIFIED MAIL 7014 1820 0001 6619 2231
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Down Hole Commingle production from the Bone Spring and Upper Wolfcamp in the Wind Fee #1 located in Sec. 4 T23S R27E, 1675 FNL & 700 FEL, Eddy County, New Mexico.

Should you 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 DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver
Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 5, 2015

Madison M. Hinkle
P.O. Box 2292
Roswell, NM 88202-2292

VIA CERTIFIED MAIL 7014 1820 0001 6619 2248
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Down Hole Commingle production from the Bone Spring and Upper Wolfcamp in the Wind Fee #1 located in Sec. 4 T23S R27E, 1675 FNL & 700 FEL, Eddy County, New Mexico.

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Sincerely,

Deana Weaver
Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 5, 2015

Missouri- NM Land Company
P.O. Box 1154
Caruthersville, MO 63830

VIA CERTIFIED MAIL 7014 1820 0001 6619 2255
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Down Hole Commingle production from the Bone Spring and Upper Wolfcamp in the Wind Fee #1 located in Sec. 4 T23S R27E, 1675 FNL & 700 FEL, Eddy County, New Mexico.

Should you 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 DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

Deana Weaver

Deana Weaver
Production Clerk
dweaver@mec.com

DW/

Enclosures

McMillan, Michael, EMNRD

From: Deana Weaver <dweaver@mec.com>
Sent: Monday, May 11, 2015 10:13 AM
To: McMillan, Michael, EMNRD
Cc: Jerry Sherrell
Subject: FW: Derrick Fee #1 Bone Spring/Wolfcamp Split Data
Attachments: Den Spoon Water (2).pdf

Michael,

Mack Energy has perforated and produced some of our wells in the Carlsbad area. It was discovered that the bottom section of perforations were actually in the Wolfcamp formation. After meeting with Paul Kautz and Randy Dade to discuss this issue, we agreed to test one of the wells (Derrick Fee #1) and use this data for all wells within this area.

The water analysis for the Den SWD #1 and Spoon SWD #1 is attached.

Isolated Wolfcamp perfs, Bone Spring Production Only

Date:	Oil	Gas	Water
3/22/2015	22	154	87
3/23/2015	25	152	127
3/24/2015	25	152	117
3/25/2015	22	161	119
3/26/2015	25	134	111
3/27/2015	22	140	141
3/28/2015	25	152	85

Commingled Wolfcamp and Bone Spring

Date:	Oil	Gas	Water
4/30/2015	28	153	146
5/1/2015	22	153	162
5/2/2015	25	161	236
5/3/2015	25	159	150

Commingled Bone Spring and Wolfcamp Avg:

Avg: 25 Oil, 157 MCF, 173 Water

Bone Spring Only Avg:

Avg: 24 Oil, 149 MCF, 112 Water

Avg: 96% Oil

Wolfcamp Only Avg:

Avg: 1 Oil, 8 MCF, 61 Water

Avg: 4% Oil

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



Administrative Order DHC-4693

Order Date: September 2, 2014

Application Reference Number: pMAM1424136015

Mack Energy Corporation
P. O. Box 960
Artesia, New Mexico 88211-0960

Attention: Deana Weaver

Wind Fee Well No. 1
API No. 30-015-40922
Unit G, Section 4, Township 23 South, Range 27 East, NMPM
Eddy County, New Mexico

Pool	CASS DRAW; BONE SPRING	Oil	10380
Names:	FOREHAND RANCH; DELAWARE	Oil	24670

Reference is made to your recent application for an exception to 19.15.12.9A. NMAC of the Division Rules and Regulations to permit the above-described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of 19.15.12.11A. NMAC, and since reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion or otherwise required separation of the zones is hereby placed in abeyance.

In accordance with 19.15.12.11A.(6) NMAC, the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

As per the application, the assignment of allowable and allocation of production from the well shall be based on the subtraction method. The total well production minus the Cass Draw; Bone Spring Pool production shall be assigned to the Forehand Ranch; Delaware Pool .

REMARKS: The operator shall notify the Division's district II office upon implementation of commingling operations.

Pursuant to 19.15.12.11B. NMAC, the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.



JAMI BAILEY
Director

JB/mam

cc: New Mexico Oil Conservation Division – Hobbs

McMillan, Michael, EMNRD

From: Deana Weaver <dweaver@mec.com>
Sent: Monday, May 11, 2015 12:17 PM
To: McMillan, Michael, EMNRD
Cc: Jerry Sherrell
Subject: RE: Wind Fee Well No.1, and Derrick Fee Well No. 1 DHC applications

We haven't done anything with the Delaware pool. We received approval to DHC but the work has not been yet. Do I need to cancel those DHC order for the Cass Draw; Bone Spring & Forehand Ranch; Delaware?

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Monday, May 11, 2015 11:53 AM
To: Deana Weaver
Subject: Wind Fee Well No.1, and Derrick Fee Well No. 1 DHC applications

Ms. Weaver:

For the Wind Fee Well No.1, and Derrick Fee Well No. 1 wells, they are presently Administratively approved for commingling in the Cass Draw; Bone Spring and Forehand Ranch; Delaware Pools. The new application has the Cass Draw; Bone Spring and Wildcat Bone Spring Pools.

What is Mack Energy doing with the Delaware Pools in these two wells?

Thank You

Michael A. McMillan

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Dr., Santa Fe NM 87505
O: 505.476.3448 F. 505.476.3462
Michael.mcmillan@state.nm.us