

DATE IN 5/06/2015	SUSPENSE	ENGINEER my Amy	LOGGED IN 5/12/08	TYPE DHC	APP NO. PMA 15133349
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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 _____

-DHC 4760
-MACKENENZ Y CORPORATION
13837
LCH
-MAMMOTH KETCH
30-015-40930
POOL
-CASS DREW
Bone Spring
10380

- [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

-UC-015 G-06
52327044
UPPER WOLF CAMP
98125

- [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 OOD

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

2015 MAY -8 P 3:09

May 4, 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:
Mammoth Fee #1
Section 3, 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 Mammoth Fee #1. Production of both pools will be measured at the TB located in the NE/4 SW/4, Sec. 3 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
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

Form C-107A
Revised June 10, 2003

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

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

Mammoth Fee

1

K-3-23S-27E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 39599 API No. 30-015-40930 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
PoolCode		10380	98125
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)		6728-9073'	9073-9164'
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)		45.00	45.00
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>1422/3032/2516</u>	Date: <u>3/1/2015</u> Rates: <u>59/126/105</u>
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put 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
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1252 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6175 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87303
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 30-015-40930	² Pool Code 10380	³ Pool Name Cass Draw; Bone Spring
⁴ Property Code 39599	⁵ Property Name MAMMOTH FEE	⁶ Well Number 1
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3105.6

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	3	23 S	27 E		2560	SOUTH	2440	WEST	EDDY

" 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
J	3	23 S	27 E		2245	SOUTH	2307	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°29'41"E 2652.18 FT</p> <p>NW CORNER SEC. 3 LAT. = 32°20'29.059"N LONG. = 104°11'11.218"W NMSP EAST (FT) N = 487966.38 E = 586700.21</p> <p>L4</p>		<p>N89°28'55"E 2651.41 FT</p> <p>N O CORNER SEC. 3 LAT. = 32°20'29.254"N LONG. = 104°10'40.311"W NMSP EAST (FT) N = 487989.76 E = 589351.67</p> <p>L3</p>		<p>NE CORNER SEC. 3 LAT. = 32°20'29.452"N LONG. = 104°10'09.412"W NMSP EAST (FT) N = 488013.72 E = 592002.35</p> <p>L2</p>		<p>S01°10'41"W 2634.36 FT</p>	
<p>N00°58'30"E 2605.09 FT</p>		<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES, MINUTES AND DECIMAL SECONDS FORMAT. LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p>		<p>W O CORNER SEC. 3 LAT. = 32°20'03.290"N LONG. = 104°11'11.777"W NMSP EAST (FT) N = 485362.27 E = 586655.89</p> <p>L1</p>		<p>E O CORNER SEC. 3 LAT. = 32°20'03.395"N LONG. = 104°10'10.090"W NMSP EAST (FT) N = 485380.53 E = 591948.20</p>	
<p>2440'</p>		<p>MAMMOTH FEE #1 ELEV. = 3105.6' LAT. = 32°20'02.599"N (NAD83) LONG. = 104°10'43.353"W NMSP EAST (FT) N = 485295.82 E = 589094.54</p>		<p>SURFACE LOCATION</p>		<p>2307'</p>	
<p>2560'</p>		<p>BOTTOM OF HOLE LAT. = 32°19'59.886"N LONG. = 104°10'36.806"W NMSP EAST (FT) N = 485022.52 E = 589656.68</p>		<p>2245'</p>		<p>S01°09'54"W 2633.80 FT</p>	
<p>N00°58'18"E 2637.83 FT</p>		<p>SW CORNER SEC. 3 LAT. = 32°19'37.197"N LONG. = 104°11'12.340"W NMSP EAST (FT) N = 482725.43 E = 586611.17</p>		<p>S O CORNER SEC. 3 LAT. = 32°19'37.275"N LONG. = 104°10'41.811"W NMSP EAST (FT) N = 482736.97 E = 589230.57</p>		<p>SE CORNER SEC. 3 LAT. = 32°19'37.344"N LONG. = 104°10'10.761"W NMSP EAST (FT) N = 482747.89 E = 591894.67</p>	
<p>S89°44'52"W 2620.04 FT</p>		<p>S89°45'54"W 2664.74 FT</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 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 55.15
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.

JANUARY 10, 2014
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

Certificate Number PL10001, TARAMELLO, PLS 12797
SURVEY NO. 1377B

District I
1625 N. French Dr., Hobbs, NM 58240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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Deana Weaver 5.5.15
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.

JANUARY 10, 2011 NEW MEXICO
Date of Survey

[Signature] (12797)
Signature and Seal of Professional Surveyor

Certificate Number PL12797 TARAMILLO, PLS 12797
SURVEY NO. 1377B

MEMO

DATE: April 2, 2015

TO: NMOCD

FROM: Travis K. Lanning

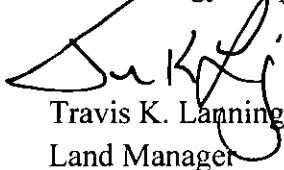
RE: Mammoth Fee #1
T23S, R27E, NMPM
Section 3: NW/4SE/4,
Eddy County, New Mexico

Mack Energy Corporation respectfully requests approval to downhole commingle production from the Bone Spring and Wolfcamp formations in our Mammoth 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: 16664 Description: MAMMOTH FEE - REV Inactive: No						
Property: 3510 Mammoth Fee						
County, State: Eddy County, NM						
Map Reference: Township: 023-S Range: 027-E Section: 03 Qtr/Qtr: S/2NE/4, N/2SE/4						
Effective Date: 01/01/2015 Payor: Mack Energy Corporation						
004974	Charles R Wiggins	00001	0.00416667	ORRI	MIN	456-84-0789
	P.O. Box 10862					
	Midland, TX 79702-7862	US	(432) 683-8737			
015468	Gabler Energy Investments, LLC	00001	0.00208333	ORRI	TITLE	80-0147799
	1008 N. County Road 1110	Lyle J. Gabler				
	Midland, TX 79706	US	432-886-2841			
015824	B & G Royalties	00001	0.05000000	RI	MIN	850418113
	P. O. Box 376					
	Artesia, NM 88211-0376	US	575-746-1706			
015826	Ross Duncan Properties LLC	00001	0.05000000	RI	MIN	450717304
	P O Box 647					
	Artesia, NM 88211-0647	US				
016114	Xplor Resources, LLC	00001	0.03500000	RI	MIN	45-2633139
	1104 North Shore Drive	Mike Hyden				
	Carlsbad, NM 88220	US	575-302-6678			
018095	Southwest Petroleum Land Svc, LLC	00001	0.00416667	RI	MIN	85-0477085
	1901 W. 4th Street					
	Roswell, NM 88201	US				
018142	Trevor S. Turmelle	00002	0.00156250	ORRI	TITLE	
	17521 Arratia					
	El Paso, TX 79938	US				
020724	Justin McClelland	00001	0.00156250	ORRI	MIN	585-75-1744
	505 La Fonda Drive					
	Roswell, NM 88201	US	575-420-5409			
020726	James W. Marbach	00001	0.00156250	ORRI	TITLE	525-91-0241
	1762 Queen Highway					
	Carlsbad, NM 88220	US	575-706-4533			
020970	Blackbird Royalties LLC	00001	0.00416667	RI	MIN	45-5420796
	28 Haley Circle					
	Roswell, NM 88201	US	575-910-8187			
020971	Long LLC	00001	0.03333333	RI	MIN	20-3505849
	215 S. State Street, Suite 100					
	Salt Lake City, UT 84111	US	801-328-1866			
021535	Vincent Gonzales	00001	0.00156250	ORRI	MIN	467-91-8479
	and wife, Teryn Gonzales					
	6102 88th Place					
	Lubbock, TX 79424-0838	US	806-239-2727			
021949	Ron J Hyden	00001	0.01500000	RI	MIN	585-42-0685
	3510 Seven Rivers Highway					
	Carlsbad, NM 88220	US	575-639-0890			
021950	Riley Resources, LLC	00001	0.01666667	ORRI	MIN	27-2781608
	5519 Rio Grande Avenue					
	Midland, TX 79707	US	903-806-6475			
022588	Beverly Lopez-Robledo	00001	0.00416666	ORRI	MIN	449-33-9788
	3411 Hill Avenue					
	Midland, TX 79703	US	432-520-6038			
022835	CBA Properties, LLC	00001	0.00833333	RI	MIN	45-4982053
	4425 98th Street #300					
	Lubbock, TX 79424	US	806-319-2550			
022965	John Travis Golding	00001	0.00833334	ORRI	MIN	466-39-4084
	710 Storey Avenue					
	Midland, TX 79701	US	432-266-1252			
022966	Mark Scott	00001	0.00833333	ORRI	MIN	465-98-9734
	P O Box 9507					
	Midland, TX 79708	US	956-495-7930			
101	Chase Oil Corporation	00001	0.63750000	WI	MIN	85-0403681
	P.O. Box 1767					
	Artesia, NM 88211-1767	US	(575) 746-9853			
110	Robert C. Chase	00001	0.03750000	WI	MIN	585-80-7468

Division Order Attachment

Owner Code	Owner Name	Addr Sub #	Net Revenue Interest	Interest Type	Susp Code	Tax Id
185	<div>P.O. Box 297</div> <div>Artesia, NM 88211-0297</div> <div>Ventana Minerals LLC</div>	<div>US</div> <div>00001</div>	<div>505-748-1288</div> <div>0.03750000</div>	WI	MIN	27-1251162
195	<div>P.O. Box 359</div> <div>Artesia, NM 88211</div> <div>DiaKan Minerals LLC</div>	<div>US</div> <div>00001</div>	<div></div> <div>0.03750000</div>	WI	MIN	27-1243802
	<div>P.O. Box 693</div> <div>Artesia, NM 88211-0693</div>	<div>US</div>				
22			1.00000000			



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

May 4, 2015

Charles R. Wiggins
P.O. Box 10862
Midland, TX 79702-7862

VIA CERTIFIED MAIL 7014 1820 0001 6619 1968
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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
Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 4, 2015

Gabler Energy Investments, LLC
1008 N. County Rd. 1110
Midland, TX 79706

VIA CERTIFIED MAIL 7014 1820 0001 6619 1975
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

B&G Royalties
P.O. Box 376
Artesia, NM 88211-0376

VIA CERTIFIED MAIL 7014 1820 0001 6619 1982
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

Deana Weaver
Production Clerk
dweaver@mec.com

DW/

Enclosures



P.O. Box 960
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Office (575) 748-1288
Fax (575) 746-9539

May 4, 2015

Ross Duncan Properties LLC
P.O. Box 647
Artesia, NM 88211-0647

VIA CERTIFIED MAIL 7014 1820 0001 6619 1999
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

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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 4, 2015

Xplor Resources, LLC
1104 North Shore Drive
Carlsbad, NM 88220

VIA CERTIFIED MAIL 7014 1820 0001 6619 2002
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

Southwest Petroleum Land Service, LLC
1901 W. 4th Street
Roswell, NM 88201

VIA CERTIFIED MAIL 7014 1820 0001 6619 2019
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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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 4, 2015

Trevor S. Turmelle
17521 Arratia
El Paso, TX 79938

VIA CERTIFIED MAIL 7014 1820 0001 6619 2026
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

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Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 4, 2015

Justin McClelland
505 La Fonda Drive
Roswell, NM 88201

VIA CERTIFIED MAIL 7014 1820 0001 6619 2033
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

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Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 4, 2015

James W. Marbach
1762 Queen Highway
Carlsbad, NM 88220

VIA CERTIFIED MAIL 7014 1820 0001 6619 2040
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

Blackbird Royalties, LLC
28 Haley Circle
Roswell, NM 88201

VIA CERTIFIED MAIL 7014 1820 0001 6619 2057
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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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 4, 2015

Long LLC
215 S. State Street, Suite 100
Salt Lake City, UT 84111

VIA CERTIFIED MAIL 7014 1820 0001 6619 2064
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

Vincent Gonzales
Teryn Gonzales
6102 88th Place
Lubbock, TX 79424-0838

VIA CERTIFIED MAIL 7014 1820 0001 6619 2071
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

Ron J. Hyden
3510 Seven Rivers Hwy
Carlsbad, NM 88220

VIA CERTIFIED MAIL 7014 1820 0001 6619 2088
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, 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 4, 2015

Riley Resources, LLC
5519 Rio Grande Ave
Midland, TX 79707

VIA CERTIFIED MAIL 7014 1820 0001 6619 2095
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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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 4, 2015

Beverly Lopez Robledo
3411 Hill Avenue
Midland, TX 79703

VIA CERTIFIED MAIL 7014 1820 0001 6619 2101
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

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Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 4, 2015

CBA Properties, LLC
4425 98th Street #300
Lubbock, TX 79424

VIA CERTIFIED MAIL 7014 1820 0001 6619 2118
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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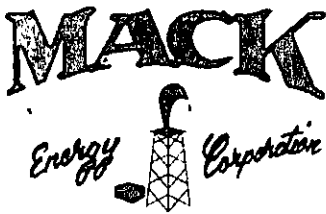
Sincerely,

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
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Fax (575) 746-9539

May 4, 2015

John Travis Golding
710 Storey Ave.
Midland, TX 79701

VIA CERTIFIED MAIL 7014 1820 0001 6619 2125
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

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Production Clerk
dweaver@mec.com

DW/

Enclosures



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

May 4, 2015

Mark Scott
P.O. Box 9507
Midland, TX 79708

VIA CERTIFIED MAIL 7014 1820 0001 6619 2132
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 Mammoth Fee #1 located in Sec. 3 T23S R27E, 2560 FSL & 2440 FWL, Eddy County, New Mexico.

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Sincerely,

A handwritten signature in cursive script that reads "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 perms, 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