

DATE IN 5/12/2015	SUSPENSE	ENGINEER MAM	LOGGED IN 5/12/2015	TYPE DHC	APP NO. PMAM1513259872
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ABOVE THIS LINE FOR DIVISION USE ONLY

-Email to
ASK: F...
w... based
on
DHC 4673A
well?

**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

May 16, 2015
Date

dweaver@mec.com
e-mail Address

- DHC 4764
- MACK Energy Corporation
13837
- well
- APE Fee #1
30-015-42101
P201
- Cass Dnaw, Bone
Spring
10380
- 46-015 G 06
5232704H, upper
WOLF CAMP
98125



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

RECEIVED OGD

2015 MAY 12 P 3:35

May 6, 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:
Ape 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 Ape Fee #1. Production of both pools will be measured at the TB located in the NE/4 NW/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 the 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

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

Ape Fee

1

L-4-23S-27E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 40417 API No. 30-015-42101 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)		6487-8926'	8926-9020'
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)		46.0	46.0
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>843/3942/1814</u>	Date: <u>3/1/2015</u> Rates: <u>35/164/76</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-102 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 May 6, 2015

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: (505) 393-6161 Fax: (505) 393-6120
District II
1115 S. First St., Artesia, NM 88201
Phone: (505) 748-1251 Fax: (505) 748-0720
District III
1600 Rio Hondo Road, Artesia, NM 87010
Phone: (505) 321-6817 Fax: (505) 321-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3160 Fax: (505) 476-3162

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 30-015-42101		2. Pool Code 40380		3. Pool Name Cass Draw; Bone Spring	
4. Property Code 40417		5. Property Name APE FEE			6. Well Number 1
7. OGRID No. 13837		8. Operator Name MACK ENERGY CORPORATION			9. Elevation 3151.2

10. Surface Location

11. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	23 S	27 E		2310	SOUTH	330	WEST	EDDY

12. Bottom Hole Location If Different From Surface

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

14. Dedicated Acres 40	15. Joint or Infill	16. Consolidation Code	17. 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>NB9°40'16"E 2665.49 FT</p> <p>NW CORNER SEC. 4 LAT. = 32°20'28.861"N LONG. = 104°12'13.255"W NMSP EAST (FT) N = 487939.47 E = 581374.86</p>		<p>NB9°45'00"E 2661.18 FT</p> <p>N O CORNER SEC. 4 LAT. = 32°20'28.980"N LONG. = 104°11'42.232"W NMSP EAST (FT) N = 487954.77 E = 584033.65</p>		<p>NE CORNER SEC. 4 LAT. = 32°20'29.059"N LONG. = 104°11'11.218"W NMSP EAST (FT) N = 487966.38 E = 585700.21</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. 4 SCALED</p> <p>330'</p> <p>SURFACE LOCATION</p> <p>12310'</p> <p>SW CORNER SEC. 4 LAT. = 32°19'36.237"N LONG. = 104°12'13.160"W NMSP EAST (FT) N = 482621.65 E = 581352.89</p>		<p>APE FEE #1 ELEV. = 3151.2' LAT. = 32°19'59.154"N (NAD83) LONG. = 104°12'09.374"W NMSP EAST (FT) N = 484937.93 E = 581714.93</p>		<p>E O CORNER SEC. 4 LAT. = 32°20'03.290"N LONG. = 104°11'11.777"W NMSP EAST (FT) N = 485362.27 E = 586555.89</p>	
<p>SBB°52'00"W 2609.88 FT</p>		<p>SBB°51'17"W 2610.65 FT</p>		<p>SE CORNER SEC. 4 LAT. = 32°19'37.197"N LONG. = 104°11'12.340"W NMSP EAST (FT) N = 487725.43 E = 586611.17</p>	

<p>18. 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 owns or has 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 in a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division.</p> <p><i>Deana Weaver</i> 56.15 Signature Date</p> <p>Deana Weaver Printed Name</p> <p>dweaver@mec.com E-mail Address</p>	
<p>19. 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>JANUARY 24, 2014 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number 111 (N.M.S.T.) 173511410, PLS 12797 SURVEY NO. 2610</p>	

Optical I
1625 St. Francis Dr., H104b, NM 55210
Phone: (575) 395-6161 Fax: (575) 395-6720

Optical II
111 S. First St., Artesia, NM 55210
Phone: (575) 748-2531 Fax: (575) 748-0720

Optical III
1000 Rio Brazos Road, Artesia, NM 55210
Phone: (505) 333-6161 Fax: (505) 333-6170

Optical IV
1229 S. N. (University), Santa Fe, NM 57505
Phone: (505) 476-3160 Fax: (505) 476-3162

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 30-015-42101		² Pool Code 98125	³ Pool Name WC-015 G-06 S232704H; Upper Wolfcamp	
⁴ Property Code 40417	⁵ Property Name APE FEE			⁶ Well Number 1
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION			⁹ Elevation 3151.2

¹⁰ Surface Location

BL, or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1.	4	23 S	27 E		2310	SOUTH	330	WEST	EDDY

" Bottom Hole Location If Different From Surface

U/L or Int no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
"2 Dedicated Acres 40	"1 Joint or Infill	"3 Consolidation Code			"4 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°40'16"E 2665.49 FT		N89°45'00"E 2661.18 FT	
<p>NW CORNER SEC. 4 LAT. = 32°20'28.861"N LONG. = 104°12'13.255"W</p> <p>NWSP EAST (FT) N = 487939.47 E = 581374.86</p>	<p>N O CORNER SEC. 4 LAT. = 32°20'28.990"N LONG. = 104°11'42.232"W</p> <p>NWSP EAST (FT) N = 487954.77 E = 584039.63</p>	<p>NE CORNER SEC. 4 LAT. = 32°20'29.059"N LONG. = 104°11'11.218"W</p> <p>NWSP EAST (FT) N = 487966.38 E = 585700.21</p>	<p>E O CORNER SEC. 4 LAT. = 32°20'03.290"N LONG. = 104°11'11.777"W</p> <p>NWSP EAST (FT) N = 485362.27 E = 586655.89</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. 4 SCALED</p> <p>330'</p> <p>SURFACE LOCATION</p> <p>2310'</p> <p>SW CORNER SEC. 4 LAT. = 32°19'36.237"N LONG. = 104°12'13.160"W</p> <p>NWSP EAST (FT) N = 482621.66 E = 581392.89</p>	<p>APE FEE #1 ELEV = 3151.2' LAT. = 32°19'59.154"N (NAD83) LONG. = 104°12'09.374"W</p> <p>NWSP EAST (FT) N = 484937.93 E = 581714.93</p>	<p>SE CORNER SEC. 4 LAT. = 32°19'37.197"N LONG. = 104°11'12.340"W</p> <p>NWSP EAST (FT) N = 482725.43 E = 586611.17</p>	
S88°52'00"W 2609.88 FT		S68°51'17"W 2610.65 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 shall control all working notes or unrecorded material over it in the hand 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 as a subsidiary partying agreement or a compulsory pooling under hereinafter entered by the district.

Deana Weaver Date: 5.6.15

Name: Deana Weaver

Printed Name

dweaver@mec.com

Email 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 21, 2014

Date of Survey

[Signature]

Signature and Seal of Professional Surveyor

Certificate Number TIL IND-NT-100-AM-10-PHS 12797

SERIAL NO. 2610

MEMO

DATE: April 2, 2015

TO: NMOCD

FROM: Travis K. Lanning

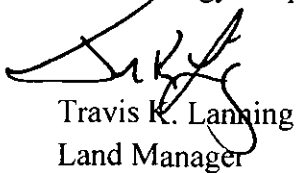
RE: Ape Fee #1
T23S, R27E, NMPM
Section 4: NW/4SW/4,
Eddy County, New Mexico

Mack Energy Corporation respectfully requests approval to downhole commingle production from the Bone Spring and Wolfcamp formations in our Ape 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: 16347	Description: APE FEE - REV DISTR			Inactive: No		
Property: 3756	Ape Fee					
County, State: Eddy County, NM						
Map Reference: Township: 023-S Range: 027-E Section: 04 Qtr/Qtr: W/2W/2						
Effective Date: 08/01/2014 Payor: Mack Energy Corporation						
003158	Rolla R. Hinkle III	00001	0.01041666	ORRI	MIN	585-80-0080
	P.O. Box 2292					
	Roswell, NM 88202-2292	US	(575) 622-5061			
003791	Madison M. Hinkle	00001	0.01041666	ORRI	MIN	585-80-0079
	P. O. Box 2292					
	Roswell, NM 88202-2292	US	505/622-5061			
015826	Ross Duncan Properties LLC	00001	0.01250000	ORRI	MIN	450717304
	P.O. Box 647					
	Artesia, NM 88211-0647	US				
015826	Ross Duncan Properties LLC	00001	0.03227723	RI	MIN	450717304
	P O Box 647					
	Artesia, NM 88211-0647	US				
016112	B&G Royalties	00001	0.02781250	RI	MIN	85-0418113
	P O Box 376					
	Artesia, NM 88211-0376	US	575-746-1706			
016112	B&G Royalties	00001	0.00055804	ORRI	MIN	85-0418113
	P O Box 376					
	Artesia, NM 88211-0376	US	575-746-1706			
016114	Xplor Resources, LLC	00001	0.01752232	ORRI	MIN	45-2633139
	1104 North Shore Drive	Mike Hyden				
	Carlsbad, NM 88220	US	575-302-6678			
016114	Xplor Resources, LLC	00001	0.00727656	RI	MIN	45-2633139
	1104 North Shore Drive	Mike Hyden				
	Carlsbad, NM 88220	US	575-302-6678			
016764	Panhandle Properties, LLC	00001	0.00558036	ORRI	MIN	45-3530132
	P O Box 647					
	Artesia, NM 88211-0647	US	575-513-2544			
016785	Loretta B. Hayes	00001	0.00107143	RI	MIN	
	309 Pecos River Drive					
	Carlsbad, NM 88220	US				
016789	Kenneth E. Bindel	00001	0.00669643	RI	MIN	525-60-6869
	415 San Juan Manor					
	Carlsbad, NM 88220	US	575-885-5505			
017789	Kevin R. Decker	00001	0.00107143	RI	MIN	
	5138 Mt. St. Vrain Avenue					
	Frederick, CO 80504	US	303-720-1382			
018095	Southwest Petroleum Land Svc, LLC	00001	0.00252221	RI	MIN	85-0477085
	1901 W. 4th Street					
	Roswell, NM 88201	US				
018098	Geraldine Webber	00001	0.00892857	RI	MIN	525-28-9078
	1600 Newsom Ct.,					
	Pantego, TX 76013	US	817-657-2971			
018099	Bernice Browning	00001	0.00892857	RI	MIN	525-44-0080
	9659 W. Sierra Pinta Drive					
	Peoria, AZ 85382-0906	US	928-526-5531			
020970	Blackbird Royalties LLC	00001	0.01308735	RI	MIN	45-5420796
	28 Haley Circle					
	Roswell, NM 88201	US	575-910-8187			
020971	Long LLC	00001	0.04166700	RI	MIN	20-3505849
	215 S. State Street, Suite 100					
	Salt Lake City, UT 84111	US	801-328-1866			
020992	Kevin Conlin	00001	0.04166667	RI	MIN	567-65-9626
	25210 Jake Street					
	Veneta, OR 97487	US	541-935-2892			
101	Chase Oil Corporation	00001	0.63750001	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	P.O. Box 297 Artesia, NM 88211-0297	US	505-748-1288			
	Ventana Minerals LLC	00001	0.03750000	WI	MIN	27-1251162
195	P. O. Box 359 Artesia, NM 88211	US				
	DiaKan Minerals LLC	00001	0.03750000	WI	MIN	27-1243802
	P. O. Box 693 Artesia, NM 88211-0693	US				
22			1.00000000			



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

May 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1302
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 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 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1319
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 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 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1326
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 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 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1333
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 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 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1340
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 FWL, Eddy County, New Mexico.

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May 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1357
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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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
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Fax (575) 746-9539

May 6, 2015

Loretta B. Hayes
309 Pecos River Drive
Carlsbad, NM 88220

VIA CERTIFIED MAIL 7014 1820 0001 6619 1364
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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P.O. Box 960
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May 6, 2015

Kenneth E. Bindel
415 San Juan Manor
Carlsbad, NM 88220

VIA CERTIFIED MAIL 7014 1820 0001 6619 1371
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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Fax (575) 746-9539

May 6, 2015

Kevin R. Decker
5138 Mt. St. Vrain Avenue
Frederick, CO 80504

VIA CERTIFIED MAIL 7014 1820 0001 6619 1388
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 FWL, Eddy County, New Mexico.

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

May 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1395
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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Fax (575) 746-9539

May 6, 2015

Geraldine Webber
1600 Newsome Ct.,
Pantego, TX 76013

VIA CERTIFIED MAIL 7014 1820 0001 6619 1401
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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dweaver@mec.com

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Enclosures



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

May 6, 2015

Bernice Browning
9659 W. Sierra Pinta Drive
Peoria, AZ 85382-0906

VIA CERTIFIED MAIL 7014 1820 0001 6619 1418
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 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
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Fax (575) 746-9539

May 6, 2015

Blackbird Royalties LLC
28 Haley Circle
Roswell, NM 88201

VIA CERTIFIED MAIL 7014 1820 0001 6619 1425
CERTIFIED RETURN RECEIPT MAIL

Dear Sir:

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Sincerely,

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Production Clerk
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DW/

Enclosures



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Fax (575) 746-9539

May 6, 2015

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

VIA CERTIFIED MAIL 7014 1820 0001 6619 1432
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 FWL, Eddy County, New Mexico.

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dweaver@mec.com

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

May 6, 2015

Kevin Conlin
25210 Jake Street
Veneta, OR 97487

VIA CERTIFIED MAIL 7014 1820 0001 6619 1449
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 Ape Fee #1 located in Sec. 4 T23S R27E, 2310 FSL & 330 FWL, Eddy County, New Mexico.

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Sincerely,

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Production Clerk
dweaver@mec.com

DW/

Enclosures

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