AD DHC

dweaver@mec.com e-mail Address

BMAM1513329667

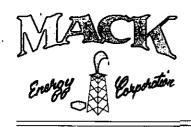
ABOVE THIS LINE FOR DIVISION USE ONLY

# 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] - DHC ,4763 TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication [A] $NSL \square NSP \square$ SD Check One Only for [B] or [C] Commingling - Storage - Measurement PC | OLS | OLM 30-015- 42275 ☑ DHC ☐ CTB ☐ PLC Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C]CASS DNAW, work Spring 10380 -4c-015 Gob 52327044; 4ppenworkedary □ WFX □ PMX □ SWD □ IPI □ EOR □ PPR [D] Other: Specify [21 NOTIFICATION REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner [C]Application is One Which Requires Published Legal Notice Notification and/or Concurrent Approval by BLM or SLO [D]U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, [E] [F] Waivers are Attached SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] OF APPLICATION INDICATED ABOVE. **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative [41 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. Rand Weaver Production Clerk Deana Weaver Print or Type Name



# RECEIVED OCD

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

(bi) MAY 12 P 3: 37

May 7, 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: Promise Land Fee #1 Section 23, 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 Promise Land Fee #1. Production of both pools will be measured at the TB located in the SW/4 NW/4, Sec. 23 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,

Dana Weaver

Deana Weaver Production Clerk dweaver@mec.com

DW/

District I 1621 N. French Drive, Hobbs, NM 8824

District 11

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rto Brazos Road, Azlec, NM 874 1 0 District IV

1220 \$ 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

X Single Well

X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation				, Artesia, NM 8821	1-0960		
Operator			dress				
Promise Land Fee	1	E-23-2				Eddy	
Lease	Well No.	Unit Letter	-Section-Townsh	ip-Range		County	
OGRID No. 013837 Property Co	de <u>40486</u>	API No. 30-01	5-42272	Lease Type:	Federal	State X Fee	
DATA ELEMENT	UPP	ER ZONE	INTERN	MEDIATE ZONE	L	OWER 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)			9010-9074'		9074-916	54'	
Method of Production (Flowing or Artificial Lift)  Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			Artificial Li	ift	Artificial	Lift	
Oil Gravity or Gas BTU (Degree API or Gas BTU)							
Producing, Shut-In or New Zone		•	New Zone		New Zon	ne	
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:		Date:		Date:		
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil	Gas	Oil	Gas	oil	Gas	
explanation will be required.)		% %	96	<sup>%</sup> 96 <sup>%</sup>	4	<b>%</b> 4 <b>%</b>	
		ADDITIO	NAL DATA				
Are all working, royalty and overriding lf not, have all working, royalty and ov						Yes X No No No	
Are all produced fluids from all commi	ngled zones co	ompatible with each	other?			Yes X No	
Will commingling decrease the value o	f production?					Yes No_X	
If this well is on, or communitized with or the United States Bureau of Land Ma						Yes No_X	
NMOCD Reference Case No. applicable	e to this well:						
Attachments: C-102 for each zone to be commin Production curve for each zone for For zones with no production histor Data to support allocation method of Notification list of working, royalty Any additional statements, data or of	at least one ye ry, estimated p or formula. and overridin	ear. (If not available roduction rates and ag royalty interests f	, attach explana supporting data or uncommon i	ition.) i.			
	PRE-APPROVED POOLS						
If application is	to establish Pi	re-Approved Pools,	the following ac	dditional information w	ill be requir	ed:	
List of other orders approving downhol List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	d Pre-Approve	d Pools					
I hereby certify that the information SIGNATURE LUNAW	n above is tru LUVE		the best of m	,	ief DATE	5.7.15	
TYPE OR PRINT NAME Deana V	√eaver		TI	ELEPHONE NO. (_	575 ) 7	748-1288	
E-MAIL ADDRESS dweaver@me	ec.com						

District 1
1625 N. French Dr., Hobbs, NM 88240
Phone, (575) 393-6161 Fav: (575) 393-0720
District II
811 S. First St., Artesia, NM 88240
Phone, (575) 748-1283 Fav. (575) 748-9720
District III
1000 Rio Brazos Road, Azrec, NM 87440
Phone, (505) 334-6178 Fav: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fav: (505) 476-3462

40

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

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

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	3 Pool Name	3 Pool Name		
30-015-42272	10380	Cass Draw; Bone Spring			
<sup>4</sup> Property Code	5 ps	* Well Number			
40486	PROMI	1			
<sup>7</sup> OGRID No.	" O <sub>I</sub>	Elevation			
13837	MACK ENER	3137.5			
<u> </u>		0 1 .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
Е	23	23 S	27 E		1650	NORTH	330	WEST	EDDY
" Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Tawnship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>2</sup> Dedicated Acres   13 Joint or Infill   14 Consolidation Code   15 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.

			<del></del>			
1	N89'58'47"E	2637.78 FT	N89'58'47"E	2637.78 FT	_	"OPERATOR CERTIFICATION
1	NW CORNER SEC			NE CORNER SEC. 2		I hereby certify that the information contained herem is true and complete
	LAT. = 32.29799		1	LAT. = 32.2979767		so the best of my knowledge and belief, and that this organization either
i	LONG. = 104.169 NMSP EAST (FT)	40,0 M	•	LONG. = 104.15239761 NMSP EAST (FI		owns a working interest or unleased mineral interest in the land including
l	N = 472181.79	1		N = 472183.6		the proposed bostom hale location or has a right to drill this well at this
1 3	£ = 591968.99	I . i	i	E = 597243.3	1  S	location pursuant to a contract with an owner of such a mineral or working
N00'02'52'E	]	, ; 1 1	i		S00'02'	interest, or to a voluntary pooling agreement or a compulsory pooling
2'5	20.5	] 			2'15	
~i	199	!	ļ		₹	on the hereofore energed by the dy ising.
		<del> </del>	<del> </del>	<del> </del>	٦,,	
2653	330'	PROMISE LAND FEE #1	ļ		2650.41	Signature Date
E	330	ELEV. = 3137.5'	j		<u>-</u>	<b>.</b>
4	7	LAT. = 32.2934591'N((NAD83)	ı			Deana Weaver
	SURFACE	LONG. = 104.1684126 W NMSP EAST (FT)	I			Printed Name
ŀ		N = 470532.26	i			dweaver@mec.com
		E = 592297.50	1		1	E-mail Address
1	W/4 CORNER SEC. 23	' ! !	,	ON	FΙ	
1	LÁT. = 32.2907025 N	<del></del>			1	CLIPLIEU CE CERTIEI CATION
l	LONG. = 104.1694878'W NMSP EAST (FT)	NOTE:	_			SURVEYOR CERTIFICATION
	N = 469528.91	LATITUDE AND LONGITUDE COORDINATE ARE SHOWN USING THE NORTH	.,			I hereby certify that the well location shown on this
l l	£ = 591966.78	AMERICAN DATUM OF 1983 (NAD83).	.,			plat was plotted from field notes of actual surveys
Ī		' LISTED NEW MEXICO STATE PLANE EA: COORDINATES ARE GRID (NAD83). BAS	SIS		જ	made by me of under my supervision, and that the
100.02		' OF BEARING AND DISTANCES USED AF NEW MEXICO STATE PLANE EAST	RE		S00.02,12,00	made by me or under my supervision, and mai me
5,31	!	COORDINATES MODIFIED TO THE			2.15	same is true and correct to the best of my belief.
۳ť.		SURFACE.			<b>₹</b>	MARCH 19, 2014
		<del></del>			-	
2657.01	٠ ،	·			2650.	Date of Sun ay
7.0	ı	i			0.4	I A THE THE THE TANK OF THE TA
<del>-</del>		· i	ì		_  -	The state of the s
	SW CORNER SEC. 23 LAT. = 32.2834004'N	S/4 CORNÉR SEC. 23 LAT. = 32 2834060'N	, I	SE CORNER SEC. 2 LAT. = 32.28340891		Signifiure and Scal of Plotessichal Surveyor
1	LONG. = 104.1695147'W	LONG. = 104.1609741'W		LONG. = 104.1524377"		
1 1	NMSP EAST (FT)	NMSP EAST (FT)	!	NMSP EAST (FI		Certificate Number: FILDTOX F. JARAMILLO, PLS 12797
1 1	N = 466872.52   E = 591962.52 .	N = 466878.70 E = 594601.85	1	N = 466884.0 E = 597239.8		SURVEY NO. 2671
	S89'51'57"W	2639.95 FT	S89'53'00'W	2638.63 FT	ַ רַ	
<u> </u>	303 JT 37 TT	2033.33 11	303 33 00 11	1000,00 11		<u> </u>

District 1
10.25 N. French Dr., Hobbw, NM 88240
Phone; (578) 393-6161. Fav: (575) 393-6720
District, II
811 S. First St., Artesia, NM 88210
Phone; (578) 748-1283 Fav. (575) 748-9720
District, III
1000 Rio Brazos Road, Aztec, NM 87310
Phone; (508) 334-6178 Fav. (505) 334-6470
District, IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone; (505) 476-3400 Fav. (505) 476-3402

# 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

98125	WC-015 G-06 S232704H; Upper	Wolfcamp	
<sup>5</sup> Property Name			
PROMISE LAND FEE			
Dperator Name			
MACK ENERGY CORPORATION			
	PRO	Property Name PROMISE LAND FEE Operator Name	

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	23 S	27 E		1650	NORTH	330	WEST	EDDY
<sup>11</sup> Bottom Hole Location If Different From Surface									
U1, or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres	s <sup>13</sup> Joint o	r Infill 14 C	onsolidation	Code (5 Oc	rder No.				
40									

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.

	N89'58'47"E	2637.78 FT N89'58'47'	E 2637.78 FT	"OPERATOR CERTIFICATION
l	NW CORNER SEC		NE CORNER SEC. 23	I hereby ceruly that the information contained herein is true and complete
	LAT. = 32,29799 LONG. = 104,169		LAT. = 32.2979767'N LONG. = 104.1523976'W	to the best of my knowledge and belief, and that this organization either
	NMSP EAST (FT)	4070 W	NMSP EAST (FT)	owns a working interest or unleased mineral interest in the land including
ľ	N = 472181.79	1	N = 472183.66	the proposed bottom hole location or has a right to drill this well at this
Ž	E = 591968.99	·	E = 597243.31 8000	locanon pursuant to a contract with an owner of such a mineral or working
공			02.	uperest, or to a voluntary pooling agreement or a compulsory pooling
N00'02'52'E 2	1650	 	15 w	bridge herecology concred by the dissission.
2653.50	330	PROMISE LAND FEE #1	2650.41	Signature Date
56	330	ELEV. = 3137.5'	1.41	Deana Weaver
긔	2	LAT. = 32.2934591*N (NAD83)  LONG. = 104.1684126*W		Printed Name
	SURFACE	NMSP EAST (FT)		
		N = 470532.26  E = 592297.50	1	dweaver@mec.com
			DV5	E-mail Address
l	W/4 CORNER SEC. 23 LAT. = 32,2907025'N	<u>'</u>	- + <u>D</u> NF	
	LONG. = 104.1694878'W	NOTE:	1	"SURVEYOR CERTIFICATION
	NMSP EAST (FT) N = 469528.91	LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH	1	I hereby certify that the well location shown on this
	E = 591966.78	AMERICAN DATUM OF 1983 (NAD83). USTED NEW MEXICO STATE PLANE EAST	1	plat was plotted from field notes of actual surveys
ĕ		COORDINATES ARE GRID (NAD83), BASIS OF BEARING AND DISTANCES USED ARE	1000	made by me or under my supervision, and that the
N00'05'31"E	i	NEW MEXICO STATE PLANE EAST	500'02'15	same is true and correct to the best of my belief.
31"	•	COORDINATES MODIFIED TO THE SURFACE.	157	1 1 1 1 1 1 1 1 1
"		<u> + </u>	. +   -	MARCH 19, 2014
265			265	Date of Survey 10
2657.01		!	2650.41	Jan
5	SW CORNER SEC. 23	C/4 CODULED CEC 23	SE CORNER SEC. 23	XON HOVENIAN
} _	LAT. = 32.2834004'N	S/4 CORNER SEC. 23 LAT. = 3212834060'N	LAT. = 32,2834089'N	Signifure and Seat of Professional Surveyor
Ì	LONG, = 104,1695147'\ NMSP EAST (FT)	LONG. = 104.1609741'W NMSP EAST (FT)	LONG. = 104.1524377'W NMSP EAST (FT)	Certificate Number: FILDON F. JARAMILLO, PLS (2797
	N = 466872.52	N = 466878.70	N = 466884.08	SURVEY NO. 2671
	E = 591962.52	E = 59,4601.85	E = 597239.85	
	S89'51'57"W	2639.95 FT S89'53'00'	W 2638.63 FT	

# **MEMO**

DATE:

April 2, 2015

TO:

**NMOCD** 

FROM:

Travis K. Lanning

RE:

Promise Land Fee #1

T23S, R27E, NMPM Section 23: SW/4NW/4, Eddy County, New Mexico

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

All formations have identical working and revenue interests.

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

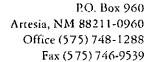
Sincerely,

Mack Energy Corporation

Travis K. Landing

Land Manager

	DIVISION OF I	NTERE	ST		
	Promise Lar	nd Fee			
	Fee Leas	е			
	T23S, 275E, Eddy C				
	Section 23: S/2	NW/4			
OWNER#	OWNER	Wi	NRI	TYP INT	SUS STAT
		i			
015824	B & G Royalties		0.00533333	ORRI	DIVOR
	P O Box 376				
	Artesia, NM 88211-0376				
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		0.0040000		
016114	XPLOR Resources, LLC		0.00400000	ORRI	DIVOR
	1104 N. Shore Drive				
	Carlsbad, NM 88220	ļ			
015826	Ross Duncan Properties, LLC		0.00533334	ORRI	DIVOR
010020	P. O. Box 647		0.0000000	<u> </u>	BIVOIL
	Artesia, NM 88211-0647				
		<del></del>			
016113	Compound Properties, LLC		0.00533333	ORRI	DIVOR
	P. O. Box 2990				
	Ruidoso, NM 88355-2990				
				<del></del>	
016116	Lee B & Wilma E Voigt Rev. Trus	t	0.23000000	RI	TITLE
	Zolene Voigt Knott, Trustee 1103 North Shore Drive				
	Carlsbad, NM 88220			<del> </del>	
	Carisbad, NW 60220				
101	Chase Oil Corporation	0.85000000	0.63750000	WI	MIN
	P. O. Box 1767				
	Artesia, NM 88211-1767		,		
110	Robert C. Chase	0.05000000	0.03750000	WI	MIN
	P. O. Box 297			<del></del>	
	Artesia, NM 88211-0297				
185	Ventana Minerals LLC	0.05000000	0.03750000	WI	MIN
100 ,	P. O. Box 359	3.0000000	3.557.55550	***	171113
	Artesia, NM 88211-0359				
		0.0500000	0.0077777		
195	DiaKan Minerals LLC	0.05000000	0.03750000	WI	MIN
	P. O. Box 693				
	Artesia, NM 88211	   1 በበበበበበበበ	1.00000000		<del>                                     </del>
		1.00000000	1.00000000		
				2.	-17-2015 /dh
		<u> </u>		2.	-17-2075 /dh





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

# VIA CERTIFIED MAIL 7014 1820 0001 6619 2187 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 Promise Land Fee #1 located in Sec. 23 T23S R27E, 1650 FNL & 330 FWL, Eddy County, New Mexico.

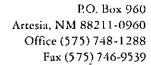
Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

Deana Weaver
Production Clerk
dweaver@mec.com

anawlave

DW/





Xplor Resourses, LLC 1104 N. Shore Drive Carlsbad, NM 88220

# VIA CERTIFIED MAIL 7014 1820 0001 6619 2194 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 Promise Land Fee #1 located in Sec. 23 T23S R27E, 1650 FNL & 330 FWL, Eddy County, New Mexico.

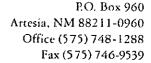
Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

Deana Weaver Production Clerk dweaver@mec.com

Deangwearer

DW/





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

# VIA CERTIFIED MAIL 7014 1820 0001 6619 2200 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 Promise Land Fee #1 located in Sec. 23 T23S R27E, 1650 FNL & 330 FWL, Eddy County, New Mexico.

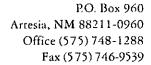
Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the DHC application if no objection has been made within the 20 days after the application has been received.

Sincerely,

Deana Weaver Production Clerk dweaver@mec.com

and wellver

DW/





Compound Properties, LLC P.O. Box 2990 Ruidoso, NM 88355-2990

## VIA CERTIFIED MAIL 7014 1820 0001 6619 2217 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 Promise Land Fee #1 located in Sec. 23 T23S R27E, 1650 FNL & 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.

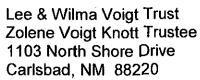
Sincerely,

Deana Weaver Production Clerk dweaver@mec.com

Deana Weaver

DW/





# VIA CERTIFIED MAIL 7014 1820 0001 6619 2224 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 Promise Land Fee #1 located in Sec. 23 T23S R27E, 1650 FNL & 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/

#### 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	<b>119</b>
3/26/2015		134 5	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