

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
3/21/08				4091	50817660220

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.*

Robin Terrell  
 Print or Type Name

  
 Signature

SR Production Engineer  
 Title

06/24/08  
 Date

rtterrell@mewbourne.com  
 e-mail Address

**District I**  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

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

APPLICATION TYPE  
Single Well

**District III**  
1000 Rio Bravo Road, Aztec, NM 87410

Establish Pre-Approved Pools  
EXISTING WELLBORE

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

Yes  No

Operator Mewbourne Oil Company PO Box 5270, Hobbs, NM 88240  
Address

*DHC-4041*

Lease Pearl "267" #1 G - Sec 26, T19S, R35E Eddy  
Well No. Unit Letter-Section-Township-Range County

OGRID No. 14744 Property Code 36234 API No. 30-025-38241 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<i>UNDES</i> Pearl Morrow North		<i>N. Pearl</i> Undesignated Chester
Pool Code	<i>82680</i>		97623 <input checked="" type="checkbox"/>
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	12404' - 12460'		12690' - 12790'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure <small>(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)</small>			
Oil Gravity or Gas BTU <small>(Degree API or Gas BTU)</small>			
Producing, Shut-In or New Zone	<i>ACTIVE</i> New Zone		<i>NEW Zone</i> Producing
Date and Oil/Gas/Water Rates of Last Production. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: Est. Rate: Rates: 400 MCF 5 BO, 7 BW	Date: Rates:	Date: 11/07 Rates: 450 MCF 15 BO, 10 BW
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)</small>	Oil Gas 25 % 47 %	Oil Gas % %	Oil Gas 75 % 53 %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No   
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 *[Signature]* TITLE Sr Production Engineer DATE 06/24/08

TYPE OR PRINT NAME Robin Terrell TELEPHONE NO. (575) 393-5905

E-MAIL ADDRESS rterrell@mewbourne.com

MEWBOURNE OIL COMPANY  
PO BOX 5270  
HOBBS, NM 88240  
575-393-5905  
FAX 575-397-6252

June 24, 2008

Engineering Bureau  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Form C-107A  
Pearl "26" #1  
Drillout & Commingle

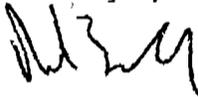
To Whom It May Concern:

Please find enclosed the following for the application to downhole commingle production from the Pearl Morrow North and Undesignated Chester zones in the referenced well:

Form C107A  
Attachments information  
Form C-102 for both zones  
Administrative Application Checklist

Mewbourne Oil Company would appreciate this commingle request being processed as soon as possible. If you need further information, please call me at (575) 390-4816.

Thank you,



Robin Terrell  
SR Production Engineer

MEWBOURNE OIL COMPANY  
Pearl "26" #1  
Unit Letter G, Sec 26 T19S R35E  
Pearl Morrow North and Undesignated Chester  
Lea Co., NM

**Attachments to C-107A**

- 1. C102 for each zone to be commingled showing its spacing unit & acreage dedication.**
- 2. Production curve for existing Morrow perms showing current production. Atoka is estimated.**

Pearl Morrow North (Current production 400 MCF 5 BO, 7 BW)  
Undesignated Chester (Previously tested 450 MCF, 15 BO, 10 BW)

- 3. Notification list of working, royalty and overriding royalty interests for uncommon interest cases.**

No uncommon interests.

- 4. Additional statements and data to support commingle.**

The well is completed with 5 1/2" OD casing. In order to dually complete the well to recover all economic reserves, the use of small diameter special clearance tubing would be required. Performing a dual completion as described could not be economically justified for a zone with limited deliverability. To produce the Morrow interval (upper zone) up the annulus (5 1/2" - 2 1/4") is not recommended due to liquid loading and insufficient velocity to lift produced fluids with the estimated gas rates listed above. The addition of the Morrow as a commingled zone will prevent waste that would not otherwise be possible due to the increased cost to produce each individual zone. Commingling will prevent early abandonment of each productive zone.

**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88240

**DISTRICT II**  
1901 W. Grand Avenue, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Artec, 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-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505



**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-38241	Pool Code 97623	Well Name Pearl Monow North
Property Code 36234	Property Name PEARL "26" STATE	
OGWD No. 14744	Operator Name MEWBOURNE OIL COMPANY	Well Number 1
		Elevation 3695'

**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	26	19 S	35 E		1980	NORTH	1800	EAST	LEA

**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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></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 unlimited mineral interest in the land including the proposed bottom hole 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>Kristi Green 6/10/07</i></p> <p>Signature _____ Date _____</p> <p>Kristi Green</p> <p>Printed Name _____</p>	
	<p><b>SURVEYOR CERTIFICATION</b></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 17, 2006</p> <p>Date Surveyed _____</p> <p>Signature _____</p> <p>Professional Surveyor</p> <p></p> <p>Certificate No. 7977</p> <p>PROFESSIONAL LAND SURVEYORS</p>	
<p>Lat.: N32°37'59.3" Long.: W103°25'28.8" N.: 595244.545 E.: 779730.152 (NAD-27)</p>		

**DISTRICT I**  
1620 N. French Dr., Santa Fe, NM 87500

**DISTRICT II**  
1301 W. Grand Avenue, Aztec, NM 86810

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**  
1820 S. St. Francis Dr., Santa Fe, NM 87500

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2006

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505



**WELL LOCATION AND ACREAGE DEDICATION PLAN**

API Number 30-025-38241	Pool Code 97623	Well Name Under Chesser
Property Code 36234	Property Name PEARL "26" STATE	Well Number 1
OCRD No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3695'

**Surface Location**

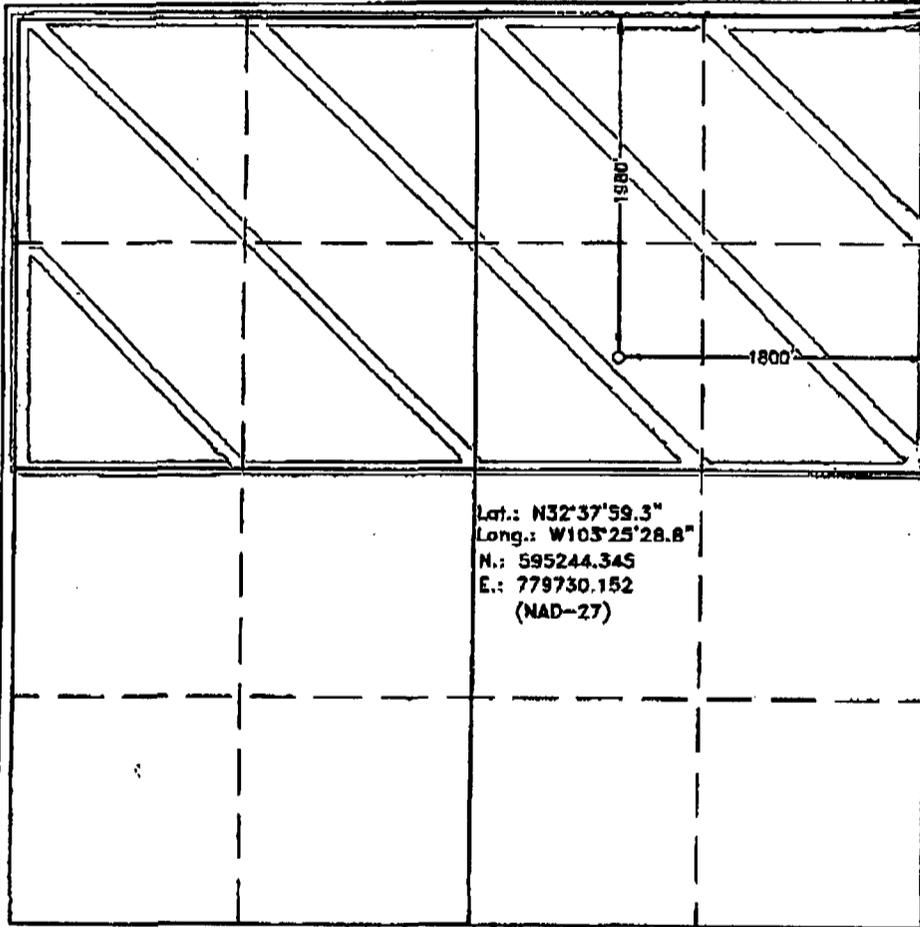
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	19 S	35 E		1980	NORTH	1800	EAST	LEA

**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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole 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.

*Kristi Green* 6/10/07  
Signature Date

Kristi Green

Printed Name

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plan 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 17, 2006

Date Surveyed  
Signature of *[Signature]*



Certificate No. 7977  
PROFESSIONAL SURVEYOR

**FAX TRANSMISSION**

**MEWBOURNE OIL**  
**PO BOX 5270**  
**HOBBS, NM 88241**  
**505-393-5905**  
**FAX 505-397-6252**

To: William Jones Date: 6/24/08

Fax: (505) 476-3462 Pages: (plus cover) 6

From: Robin Terrell

Subject: Download Comingle Order for Pearl 26 #1

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Please call if there is a problem with any of this information. My cell phone is (505) 390-4916.

We are trying to move to this well ASAP so please expedite this request at your earliest convenience.

Thanks

Pauli