

DATE 6/23/10	SUSPENSE	ENGINEER WVJ	LOGGERS 0/23	PHC 4284	TYPE PWWJ 1017435514
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

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

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]  
 [B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply  
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Robin Terrell  
 Print or Type Name

[Signature]  
 Signature

SR Production Engineer  
 Title

06/21/10  
 Date

rterrell@mewbourne.com  
 e-mail Address

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

June 21, 2010

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

RE: Form C-107A  
Thompson "8" Fed Com #1  
Downhole Commingle

To Whom It May Concern:

Please find enclosed the following for the application to downhole commingle production from the East Burton Flat Morrow and East Burton Flat Strawn zones in the referenced well:

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

A copy of Form C-107A is being mailed today to the Bureau of Land Management in Carlsbad.

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

**District I**  
1624 N. French Drive, Hobbs, NM 88240

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

**District III**  
1000 Rio Branson Road, Azusa, NM 88210

**District IV**  
1320 S. Ki, Pecos Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-107A  
Revised June 10, 2003

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

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

Lease Thompson "8" Federal Com #1 A - Sec 8, T20S, R29E Eddy County  
Well No. Unit Letter-Section-Township-Range

OGRID No. 14744 Property Code 36633 API No. 30-015-35734 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	East Burton Flat Strawn		East Burton Flat Morrow
Pool Code	73400		73320
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	10342' - 10538'		11111' - 11484'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
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)			
Producing, Shut-In or New Zone	Isolated by plug		Isolated by plug
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.)	Rates: 10 MCF 0 BO, 0 BW	Date: Rates:	Rates: 90 MCF 0 BO, 5 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 50 % 10 %	Oil Gas % %	Oil Gas 50 % 90 %

**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 Robin Terrell TITLE Sr Production Engineer DATE 06/21/10

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

E-MAIL ADDRESS rtterrell@mewbourne.com

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

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Bravos Rd., Artesia, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number	Pool Code	Pool Name
	73320	East Burton Flat Strawn
Property Code	Property Name	Well Number
36633	Thompson 8 Federal Com	1
OGED No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3280

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	20S	29E		925	NORTH	660	EAST	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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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

	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Kristi Green</i> Printed Name: Kristi Green Title: Hobbs Regulatory Date: 04/17/07
	<b>SURVEYOR CERTIFICATION</b> 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. Date Surveyed: 1/24/2006 Signature & Seal of Professional Surveyor: <i>[Signature]</i> Certificate No. HERSchel L. Jones RLS 3640 HENRY B-2 GENERAL SURVEYING COMPANY

0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'

## DISTRICT I

1020 N. French Dr., Hobbs, NM 88240

## DISTRICT II

811 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number	Pool Code	Pool Name
	73326	East-Burton Flat Marrow
Property Code	Property Name	Well Number
36623	Thompson & Federal Com	1
OCRID No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3280

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	20S	29E		925	NORTH	660	EAST	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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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

	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kristi Green Printed Name Hobbs Regulatory Title 04/17/07 Date
	<b>SURVEYOR CERTIFICATION</b> 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. Date Surveyed 1/24/2006 Signature & Seal of Professional Geologist  Certificate No. Henschei 1 License RLS 3640 HENRY JONES GENERAL SURVEYING COMPANY

0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'

**MEWBOURNE OIL COMPANY**

500 W. TEXAS, SUITE 1020  
MIDLAND, TEXAS 79701

(432) 682-3715  
FAX (432) 685-4170

June 22, 2010

Oil Conservation Division  
New Mexico Department of Energy  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505  
Attn: Mr. William Jones

Re: Thompson "8" Federal No. 1 Well  
N/2 Section 8, T20S, R29E  
Eddy County, New Mexico


Gentlemen:

Regarding Mewbourne Oil Company's Application For Downhole Commingling, please be advised that the royalty and working interest ownership in the captioned land is common as to all depths and zones of interest. The captioned land is subject to Federal Lease Serial No. NMNM 103878 dated March 1, 2000.

Should you have any questions regarding the above, please call me at (432) 682-3715 or my email address is [phaden@mewbourne.com](mailto:phaden@mewbourne.com).

Sincerely yours,

**MEWBOURNE OIL COMPANY**



D. Paul Haden  
Senior Landman

DPH/gh