

DATE IN 4/24/06	SUSPENSE	ENGINEER DAVID CATANACH	LOGGED IN 4/25/06	TYPE PLC	APP NO. PTD50611530822
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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



278

**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.

Print or Type Name

Signature

Title

Date

e-mail Address

**MEWBOURNE OIL COMPANY**

P. O. BOX 7698  
TYLER, TEXAS 75711  
(903) 561-2900  
FAX (903) 561-1870

March 10, 2006

Mr. Richard Ezeanyim  
New Mexico Oil Conservation Commission  
P. O. Box 6429  
Santa Fe, NM 87505

Re: Surface Commingling Application  
E/2 Section 17, T18S, R32E  
Lea County, NM

Dear Mr. Ezeanyim:

A surface commingling for gas has been approved by the BLM for the above half-section. Form C-107-B and attachments are requested for approval by NMOCD.

Yours truly,

  
K. M. Calvert

KMC/sh  
Attachments

2006 MAR 22 PM 2 25

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Ave, 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-107-B  
Revised June 10, 2003

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Mewbourne Oil Company  
OPERATOR ADDRESS: P. O. Box 7698 - Tyler, TX 75711  
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Lusk, N. (Morrow)	1137	1244			
Young (Strawn)	1284				

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☐ Metering ☒ Other (Specify) EFM  
(5) Will commingling decrease the value of production? ☒ Yes ☐ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☒ Metering ☐ Other (Specify) EFM

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☒ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: K. M. Calvert TITLE: Engineer DATE: 3/10/06  
TYPE OR PRINT NAME K. M. Calvert TELEPHONE NO.: (903) 561-2900  
E-MAIL ADDRESS: kcalvert@mewbourne.com

## Attachment

B.1. Lusk, N. (Morrow)  
Young (Strawn)

D.2. Mineral Management Service  
P. O. Box 5810  
Denver, CO 80217

Chesapeake Exploration  
P. O. Box 960161  
Oklahoma City, OK 73196

Anderson Oil, Ltd.  
P. O. Box 4346, Dept. 138  
Houston, TX 77210

William G. McCoy  
P. O. Box 1773  
Roswell, NM 88202

J. E. Cieszinski  
22 Riverside Drive  
Roswell, NM 88201

Byron A. Bachschmid  
P. O. Box 52033  
Midland, TX 79710

Patricia Jennings  
P. O. Box 1594  
Roswell, NM 88202

Dean Kinsolving  
P. O. Box 325  
Tatum, NM 88267

Conoco Phillips Company  
22295 Network Place  
Chicago, IL 60673

John M. Beard Trust  
12316 St. Andrews Drive - Suite A  
Oklahoma City, OK 73120

- E.1. Schematic diagram of facility
2. Plat with lease boundaries, including Federal lease numbers
  3. Lease names, lease and well numbers, and API numbers.



6" 1082'

4" x 2539'



4" x 513'

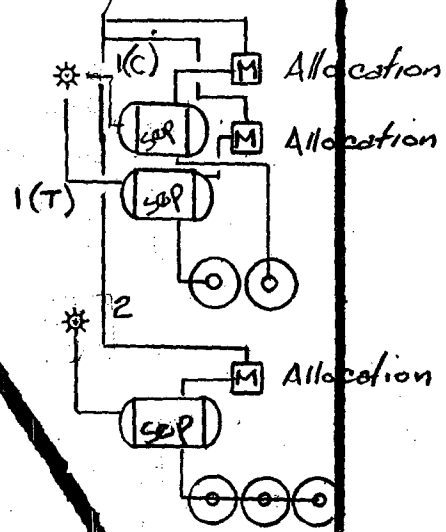


6" x 7180'



M  
FES  
Meter #  
060-25-005

Production Equipment NTS  
All liquids - individual tankage  
Gas only commingled



1E

26A

MEWBOURNE OIL COMPANY

E/2 Section 17  
Lea Co., NM

12/07/05 KMC

Scale 1" = 1000'

SF 17 Federal Com Lease

Communitized NM NM 111790 - 80 Acres - S/2 NE/4 of Sec. 17, T18S, R32E - Lea Co., NM

Communitized NM NM 111791 - 80 Acres - N/2 SE/4 of Sec. 17, T18S, R32E - Lea Co., NM

Communitized NM NM 110995 - 320 Acres - E/2 of Sec. 17, T18S, R32E - Lea Co., NM

COMMUNITIZED NM NM 110995 320 ACRES	
TRACT NO. 1	TRACT NO. 2
Lease Serial No. NMNM 106717	Lease Serial No. NMNM 9016
TRACT NO. 1	TRACT NO. 2
Lease Serial No. NMNM 106717	Lease Serial No. NMNM 9016
COMMUNITIZED NM NM 111790 80 ACRES	
TRACT NO. 2	TRACT No. 1
Lease Serial No. NMNM 9016	Lease Serial No. NMNM 106717
COMMUNITIZED NM NM 111791 80 ACRES	
TRACT NO. 2	TRACT No. 1
Lease Serial No. NMNM 9016	Lease Serial No. NMNM 106717

# State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-108  
Revised March 17, 1988

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

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name SF "17" FEDERAL COM	Well Number
DEED No.	Operator Name MEWBOURNE OIL COMPANY	Elevation 3763'

#### Surface Location

Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	17	18 S	32 E						LEA

#### Bottom Hole Location If Different From Surface

Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Estimated Acres	Joint or Infill	Consolidation Code	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

<p>COMMUNITIZED NM NM 110995 320 ACRES</p> <p>1975'</p> <p>COMMUNITIZED NM NM 111790 80 ACRES</p> <p>SF "17" FED COM #1</p> <p>1422'</p> <p>TRACT 1 NM NM 106717</p> <p>TRACT 2 NM NM 9016</p> <p>COMMUNITIZED NM NM 111791 80 ACRES</p> <p>SF "17" FED COM #2</p> <p>1370'</p> <p>TRACT 2 NM NM 9016</p> <p>TRACT 1 NM NM 106717</p> <p>1910'</p>	<h4>OPERATOR CERTIFICATION</h4> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
	<h4>SURVEYOR CERTIFICATION</h4> <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>JULY 28, 2003</p> <p>Date Surveyed _____</p> <p>Signature &amp; Seal _____</p> <p>Professional Surveyor No. 3338</p>
	<p>Certificate No. _____</p> <p>DATE SURVEYED</p>
	<p>Basin Surveyed</p>

**Laboratory Services, Inc.**

4016 Flesia Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

*well file  
- rt hand  
side*

FOR: Mewbourne Oil Company  
Attention: Mr. Danny Mackey  
P. O. Box 5270  
Hobbs, New Mexico 88241

SAMPLE: IDENTIFICATION: SF 17 Federal #2  
COMPANY: Mewbourne Oil Company  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 3/15/04 9:30AM  
ANALYSIS DATE: 3/16/04  
PRESSURE - PSIG 465  
SAMPLE TEMP. °F 87  
ATMOS. TEMP. °F 56

GAS (XX) LIQUID ( )  
SAMPLED BY: Danny Mackey  
ANALYSIS BY: Rolland Perry

REMARKS:

**COMPONENT ANALYSIS**

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	<u>2.840</u>	
Carbon Dioxide (CO2)	0.357	
Methane (C1)	71.161	
Ethane (C2)	15.692	4.187
Propane (C3)	6.944	1.909
I-Butane (IC4)	0.560	0.183
N-Butane (NC4)	1.393	0.438
I-Pentane (IC5)	0.210	0.077
N-Pentane (NC5)	0.251	0.091
Hexane Plus (C6+)	0.592	0.257
	100.000	7.142

BTU/CU.FT. - DRY 1281  
AT 14.650 DRY 1277  
AT 14.650 WET 1255  
AT 14.73 DRY 1284  
AT 14.73 WET 1262

MOLECULAR WT. 22.1629

*- Use as Gas Allocation Factor  
of 8/1/05.*

SPECIFIC GRAVITY -  
CALCULATED 0.764  
MEASURED



**Laboratory Services, Inc.**

4016 Fiesta Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

Mewbourne Oil Company  
Attention: Mr. Danny Mackey  
P. O. Box 5270  
Hobbs, New Mexico 88241

SAMPLE:  
IDENTIFICATION: SF 17 Fed. Com. #1  
COMPANY: Mewbourne Oil Co.  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 10/20/03 2:15 pm  
ANALYSIS DATE: 10/21/03  
PRESSURE - PSIG 765  
SAMPLE TEMP. °F 78  
ATMOS. TEMP. °F 90

GAS (XX) LIQUID ( )  
SAMPLED BY: Danny Mackey  
ANALYSIS BY: Vickie Biggs

REMARKS:

**COMPONENT ANALYSIS**

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	1.077	
Carbon Dioxide (CO2)	1.062	
Methane (C1)	88.915	
Ethane (C2)	8.392	2.239
Propane (C3)	3.406	0.936
I-Butane (IC4)	0.424	0.138
N-Butane (NC4)	0.876	0.276
I-Pentane (IC5)	0.239	0.087
N-Pentane (NC5)	0.202	0.073
Hexane Plus (C6+)	0.407	0.177
	100.000	3.926

BTU/CU.FT. - DRY 1161  
AT 14.650 DRY 1158  
AT 14.650 WET 1137  
AT 14.73 DRY 1164  
AT 14.73 WET 1144

MOLECULAR WT. 19.7047

SPECIFIC GRAVITY -  
CALCULATED 0.680  
MEASURED

*Use for Morrow BTU  
allocation 10/1/03*

# Well Selection Criteria Quick Print

(opno = 14744 and WH\_SEC = 17 and WH\_TWPN = 18 and WH\_RNGN = 32)

API Well #	Well Name and No.	Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt	Lst Insp Dt
30-025-36849-00-00	SF 17 FEDERAL COM	004	MEWBOURNE OIL CO	G	Lea	F	B	17	18 S	32 E	660 N	1375 E		
30-025-36345-00-00	SF 17 FEDERAL COM	001	MEWBOURNE OIL CO	O	A Lea	F	G	17	18 S	32 E	1975 N	1422 E	NSL-4947	
30-025-36345-00-00	SF 17 FEDERAL COM	001	MEWBOURNE OIL CO	O	A Lea	F	G	17	18 S	32 E	1975 N	1422 E	NSL-4947	
30-025-36345-00-00	SF 17 FEDERAL COM	001	MEWBOURNE OIL CO	O	A Lea	F	G	17	18 S	32 E	1975 N	1422 E	NSL-4947	
30-025-36417-00-00	SF 17 FEDERAL COM	002	MEWBOURNE OIL CO	G	A Lea	F	J	17	18 S	32 E	1910 S	1370 E		
30-025-36417-00-00	SF 17 FEDERAL COM	002	MEWBOURNE OIL CO	G	A Lea	F	J	17	18 S	32 E	1910 S	1370 E		