

DATE IN	SUSPENSE	ENGINEER <i>WJ</i>	LOGGED IN <i>5.5.10</i>	TYPE <i>DHC</i>	PTG-W APP NO. <i>1012550032</i>
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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



Mewbourne

Long Draw 4N #1

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-37117

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

05/03/10

Date

rterrell@mewbourne.com

e-mail Address

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

RECEIVED OCD
2010 MAY -5 P 1:19

May 3, 2010

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

RE: Form C-107A
Long Draw 4 N #1
Downhole Commingle

To Whom It May Concern:

Please find enclosed the following for the application to downhole commingle production from the
Century Graphics San Andres and North Seven Rivers Yeso 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

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT #1 SAN ANDRES		UNDES
Pool Code	11790		97565
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1381' - 2158'		2455' - 2922'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
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)	8761 psi		1,063 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	Producing		Isolated w/temp 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.)	Date: 04/25/10 Rates: 30 MCF 10 BO, 20 BW	Date: Rates:	Date: 02/20/10 Rates: 15 MCF 12 BO, 75 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 45 % 66 %	Oil Gas % %	Oil Gas 55 % 33 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes X 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 X No

Will commingling decrease the value of production?

Yes No X

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 X 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

TITLE Sr Production Engineer

DATE 05/03/10

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

E-MAIL ADDRESS rterrell@mewbourne.com

MEWBOURNE OIL COMPANY
Long Draw "4" N #1
Unit Letter N, Sec 4 T20S R25E
Century Grouping San Andres and ~~North~~ Seven Rivers Yeso
Eddy Co., NM

Attachments to C-107A

- 1. C102 for each zone to be commingled showing its spacing unit & acreage dedication.**
- 2. Production curve for Yeso perfs (October 2009 through February 2010) & San Andres perfs (March 2010 through April 2010).**

North Seven Rivers Yeso (Current production 15 MCF 12 BO, 75 BW)

Century Grouping San Andres (30 MCF, 10 BO, 20 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.**

Well is completed w/4 ½" csg thus making an isolated dual completion nearly impossible. Down hole commingling of the Yeso & San Andres will not reduce reserves from either pool & will enhance overall project economics.

Lease: LONG DRAW 4 N #1

Location: 04-20S-25E
Reservoir: YESO
Field: SEVEN RIVERS NORTH
City, St: EDDY, NM
Operator: MEWBOURNE OIL COMPANY



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

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

DISTRICT III
1000 Rio Brazos Rd., 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-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

☐ AMENDED REPORT

API Number 30-015-37117	Pool Code 11790	Pool Name Cemetery Grayburg San Andres
Property Code	Property Name LONG DRAW "4N"	Well Number 1
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3488'

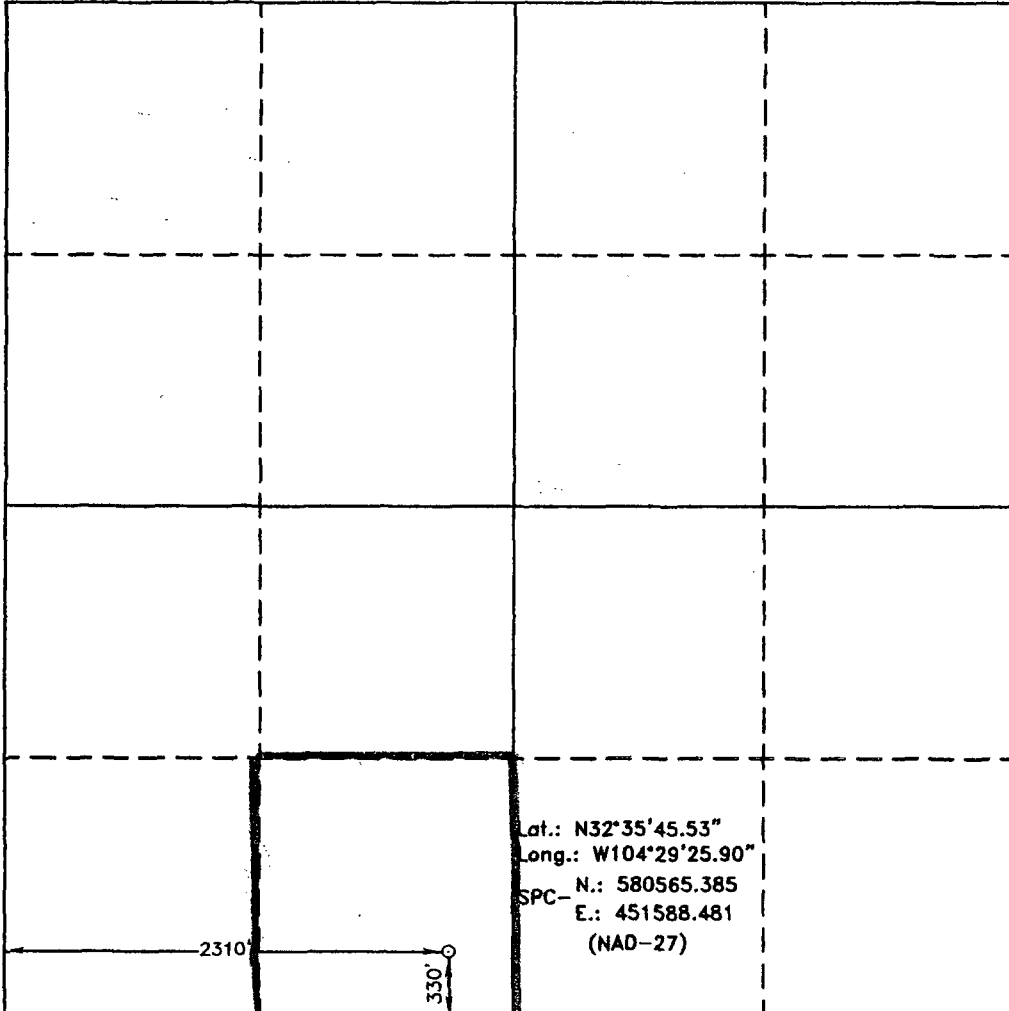
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	20 S	25 E		330	SOUTH	2310	WEST	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 40	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

	Lat.: N32°35'45.53" Long.: W104°29'25.90" N.: 580565.385 E.: 451588.481 (NAD-27)
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. Signature: Jackie Lathan 2/1/10 Date Printed Name: Jackie Lathan	
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 15, 2009 Date Surveyed: GARY L. JONES Signature of Surveyor: GARY L. JONES Professional Surveyor W.O. 24024 Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87506

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-37117	11790	North Sea River Yes
Property Code	Property Name	Well Number
	LONG DRAW "4N"	1
GRID No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3488'

Surface Location

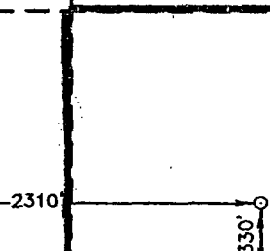
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	20 S	25 E		330	SOUTH	2310	WEST	EDDY

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
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Dedicated Acres	Joint or Infill	Consolidation Code	Order 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

<div style="border: 1px dashed black; height: 400px; margin-bottom: 10px;"></div> <div style="display: flex; justify-content: space-between; align-items: flex-end; padding: 10px;"> <div style="text-align: center;">  <p>2310'</p> <p>330'</p> </div> <div style="text-align: right;"> <p>Lat.: N32°35'45.53"</p> <p>Long.: W104°29'25.90"</p> <p>SPC- N.: 580565.385</p> <p>E.: 451588.481</p> <p>(NAD-27)</p> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p align="center">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p><u>Jackie Lathan 2/1/10</u> Signature Date</p> <p><u>Jackie Lathan</u> Printed Name</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p align="center">JANUARY 15, 2009</p> <p>Date Surveyed <u>GARY L. JONES</u></p> <p>Signature <u>[Signature]</u> Seal of the State of NEW MEXICO Professional Surveyor 7977</p> <p align="center">W.O. 2195</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Certificate No. Gary L. Jones 7977</p> <p align="center">BASIN SURVEYS</p> </div>
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