

DATE <u>1/24/02</u>	SUSPENSE <u>N/R</u>	ENGINEER <u>RE</u>	LOGGED IN <u>KV</u>	TYPE <u>DHC</u>	APP NO. <u>PKRV 0202551691</u>
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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



2983

**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.**

Ken M. Calvert

Print or Type Name

*K.M. Calvert*  
 Signature

Engineering Manager

Title

1/22/02

Date

\_\_\_\_\_  
 e-mail Address

**MEWBOURNE OIL COMPANY**

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

January 23, 2002

UPS NEXT DAY AIR #1Z F69 8E8 22 1001 582 2

Mr. David Catanach  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Form C-107A  
Baldridge 6 State Com #1  
Mosley Canyon (Strawn) and Baldridge Canyon (Morrow) Pools  
Eddy Co., NM

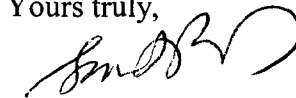
Dear Mr. Catanach:

Please find enclosed the following for the downhole commingling of production from the Strawn and Morrow zones in the referenced well:

Form C-107A  
Attachments information  
Form C-102 for both zones  
Production curve  
Administrative Application Checklist

A copy of Form C-107A is to be mailed to the New Mexico State Land Office in Santa Fe. If you need further information, please call me at (903) 561-2900.

Yours truly,



Janet Burns  
Reg. Tech.

cc: NMOCD - Artesia  
Hobbs  
Midland  
Allen Brinson  
Wayne Jones  
Don Russell  
Cheryl Little

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 South First Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, New Mexico 87505  
APPLICATION FOR DOWNHOLE COMMINGLING

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

Mewbourne Oil Company P. O. Box 7698 Tyler, TX 75711  
Operator Address  
Baldridge 6 State Com #1 P-Sec. 6, T24S, R25E Eddy  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 14744 Property Code 27076 API No. 30-015-31524 Lease Type: ☐ Federal ☒ State ☐ Fcc

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Mosley Canyon (Strawn)		Baldridge Canyon (Morrow)
Pool Code	81470		71420
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	9,464-9,484'		10,514-11,013'
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)	1540		4300
Oil Gravity or Gas BTU (Degree API or Gas BTU)	52°		N/A
Producing, Shut-In or New Zone	Producing		SI below 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: 1/4/02 Rates: 120 MCFD, 0 BO, 0 BW	Date: Rates:	Date: 5/15/01 Rates: 250 MCFD, 0 BO, 0 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 33 % 33 %	Oil Gas % %	Oil Gas 67 % 67 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ 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 ☒ 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 Janet Burns TITLE Reg. Tech. DATE 1/22/02  
TYPE OR PRINT NAME Janet Burns TELEPHONE NO. ( 903 ) 561-2900

## **Attachments to C-107A**

Mewbourne Oil Company  
Baldrige 6 State Com #1  
Unit Letter P, Sec 6, T24S, R25E  
Eddy County, New Mexico

**C-102 for each zone to be commingled showing its spacing unit and acreage dedication**

**Production curve is attached**

**Estimated production rates and supporting data**

Test Data:

Strawn	1/4/02	120 MCFD, 0 BO, 0 BW: current production
Morrow	5/15/01	250 MCFD, 0 BO, 0 BW: last recorded production

**Data to support allocation method or formula**

Test as shown above for both zones

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

No uncommon interests.

**Any additional statements, data or documents required to support commingling**

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. 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 production zone.

DISTRICT I  
1625 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, 1988  
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

API Number 30-015-3152A	Pool Code 81A70	Pool Name Mosley Canyon Strawa
Property Code	Property Name BALDRIDGE CANYON "6" STATE COM.	Well Number 1
OGRID No. 1474A	Operator Name MEWBORNE OIL COMPANY	Elevation 3926

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	24S	25E		660	SOUTH	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.						

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: <u>N.M. Young</u> Printed Name: <u>District Manager</u> Title: <u>7/26/01</u> Date: <u>7/26/01</u>	
	<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: <u>8/30/2000</u> Signature & Seal of Professional Surveyor:	
	Certificate No. <u>Herschel L. Jones RLS 3640</u> DISK 33 GENERAL SURVEYING COMPANY	

## 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 87506

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name BALDRIDGE CANYON "6" STATE COM.	Well Number 1
OGRD No.	Operator Name MEWBOURNE OIL COMPANY	Elevation 3926

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	24S	25E		660	SOUTH	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.
319.7			

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.  <i>A.M. Young</i> Signature A.M. Young Printed Name District Manager Title 12-21-00 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.  8/30/2000 Date Surveyed <i>Harshel L. Jones</i> Signature & Seal of Professional Surveyor NEW MEXICO 3640 Certificate No. Harshel L. Jones RLS 3640 BALDRIDGE 6-1 PROFESSIONAL LAND SURVEYOR GENERAL SURVEYING COMPANY

District I  
PO Box 1980, Hobbs, NM 88241-1980

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 & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies  
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		OGRID Number 14744
		API Number 30 - 0 15-31524
Property Code 27076	Property Name Baldridge 6 State Com	Well No. 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
P	6	24S	25E		660	South	660	East	Eddy

Proposed 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
Proposed Pool 1 Baldridge Canyon Morrow					Proposed Pool 2 Mosley Canyon-Strawn				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3926
Multiple No	Proposed Depth 11400	Formation Morrow	Contractor TBA	Spud Date 01-10-01

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	400	400	Circ to Surface
12 1/4"	8 5/8"	32#	2700	1000	Circ to Surface
7 7/8"	5 1/2"	17#	11400	600	Tie into 8 5/8"

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

BOP Program: Minimum of 600 Series Hydril from 400' to 2700'.  
900 Series Double-Ram Hydraulic w/ Hydril from 2700' to TD. Rotating Head, PVT's, Flow Monitors & Separator will be installed before Woldcamp.

Mud Program: 0'-400' Fresh water spud mud  
400'-2700' Fresh water mud  
2700'-9300' Cut Brine  
9300'-11400' Cut Brine using Starch for viscosity & water loss

Notify OCD spud & time to witness  
cementing of 8 5/8" CASING

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

Signature:

Printed name: N.M. Young

Title: District Manager

B6A OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: DEC 26 2000

Expiration Date:

DEC 26 2001

