

District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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

Form C-101  
June 16, 2008

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Mewbourne Oil Company PO Box 5270, Hobbs NM 88241		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> API Number 30 - 025 - 39020
<sup>4</sup> Property Code 36669	<sup>5</sup> Property Name Pearl 26	<sup>6</sup> Well No 3
<sup>9</sup> Proposed Pool 1 Pearl: San Andres		<sup>10</sup> Proposed Pool 2 Pearl: Queen

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	26	19S	R35E		760	S	1650	E	Lea

<sup>8</sup> 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

Additional Well Information

<sup>11</sup> Work Type Code Plug Back	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code Pvt	<sup>15</sup> Ground Level Elevation
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<sup>22</sup> 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.

This well was completed in the Bone Spring. MOC would like to Plug Back to test the San Andres & the Queen. Plans are to set CIBP @ 10500' w/35' cement, set CIBP @ 7500' w/35' cement. Perforate squeeze holes @ 5900' (TOC @ 5913') & bring cement up into 9 5/8" csg @ 3605'. Perforate SanAndres from @ 5260' & PWOL. Perforate Queen @ 4830' & PWOL. After test information has been obtained, put both zones on production.

A 3000# BOPE will be used during well work. Will file Comingle Order if zones can be produced together.

A new C104, before/after well bore schematics & C-144 EZ form are included.

If you have any questions please call Mickey Young @ 575-393-5905.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature: Jackie Lathan

Printed name: Jackie Lathan

Title: Hobbs Regulatory

E-mail Address: jlathan@mewbourne.com

Date: 06/24/09

Phone: 575-393-5905

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date:

Expiration Date:

JUN 24 2009

Conditions of Approval Attached ☐

Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback

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220 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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-39020</b>	Pool Code <b>49810</b>	Pool Name <b>Pearl San Andres</b>
Property Code <b>36669</b>	Property Name <b>PEARL "26" FEDERAL</b>	Well Number <b>3</b>
OGRID No. <b>1A7AA</b>	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Elevation <b>3691'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>26</b>	<b>19 S</b>	<b>35 E</b>		<b>760</b>	<b>SOUTH</b>	<b>1650</b>	<b>EAST</b>	<b>LEA</b>

**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 <b>10</b>	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>Lat.: N32°37'33.99" Long.: W103°25'27.04" SPC-N.: 592686.548 E.: 779906.441 (NAD-27)</p>	<b>OPERATOR CERTIFICATION</b>  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 <u><i>N.M. Young</i></u> Date <u>6/24/09</u> Printed Name <u>N.M. Young</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>MAY 14 2008</u> Signature <u><i>Gary L. Jones</i></u> Professional Surveyor <u>7977</u> Certificate No. <u>18690</u>	
	Certificate No. Gary L. Jones 7977	
	BASIN SURVEYS	

Last Updated: 6/5/09  
By: Matt Dunnihoo

## Surface

17 1/2" x 13 3/8" 48# H40

Set @ 536'

Circ 108 sks

### Intermediate

12 1/4" x 9 5/8" 40# N80 & J55

Set @3,605'

Circ 124 sks

TOC @ 5913'

### Bone Springs Perfs

10,538'-10,553' (15')

10,590'-10,630' (40')

10,643'-10,683' (40')

## Morrow Perfs

12.590'-12.612' (22')

12,688'-12,700' (12')

12,713'-12,716' (3')

## Chester Perfs

12,780'-12,800' (20')

## Production

8 3/4" x 5 1/2" 17# P110 & N80

Set @ 12.950'

PBTD 12.884'

**Date:**

10/29/08 Perforated Chester Lime @ 12,780'-12,800' (20', 40 holes)

10/01/08 Acidized Chester w/5000 gals 20% HCl

11/04/08 RIH & set 10K CIBP @ 12,750' w/35' cmt

11/05/08 Perforated Morrow 12,590'-12,612' (22', 44 holes)

11/11/08 Perforated Morrow 12,688'-12,716' (15', 30 holes)

11/12/08 Acidized Morrow Pers @ 12,590'-12,716' w/2000 gals 7 1/2% NEFE &

110 ball sealers

11/19/08 Set 10K CIBP @ 12,540' w/35' cmt

11/20/08 Peforated Bone Springs @ 10,538'-10,683' (95', 95 holes)

11/22/08 Frac Bone Springs @ 10,538'-10,683' w/5000 gals 15% NEFE HCl

ahead of 129500 gals 25# SW carrying 65000# 20/40 white sand &

18000# SB Excel 16/30

12/05/08 Rodded well up

Tubing		Total
1	2 7/8" Purge Valve	0 85'
1	2 7/8" N80 tbg	31.67'
1	Cavins Desander	20.20'
1	2 7/8" x 2 1/4" Mechanical SN	0 87'
10	2 7/8" N80 tbg	316 80'
1	5 1/2" x 2 3/4" TAC 35k	2 70'
320	2 7/8" N80 tbg	10094.27'
	Total Tbg	10467.36'
	KB correction	17 00'
	Tbg Set @	10484 36'

Rods		Total
1	2 1/2" x 1 1/4" x 38' RHBM Mod Pampa	38'
1	2 1/2" Spiral Rod Guide	1'
1	7/8" x 2' Pony Rod	2'
1	26k Shear Tool	1'
20	1 1/2" C Bars	500'
83	1" D rods	2075'
84	1" T66 Rods	2100'
150	1 1/4" FG Rods	5625'
1	1 1/4" FG Pony Rods (16')	16'
1	1 1/2" x 26' PR w/1 1/4" x 16' PRL	26'
Total Rods		10384'

Pearl 26 #3

Proposed  
By:Matt Dunnihoo

Spud Date: 9/11/08

Date:

Surface

17 1/2" x 13 3/8" 48# H40  
Set @ 536'  
Circ 108 sks

Intermediate

12 1/4" x 9 5/8" 40# N80 & J55  
Set @3,605'  
Circ 124 sks

Bone Springs Perfs

10,538'-10,553' (15')  
10,590'-10,630' (40')  
10,643'-10,683' (40')

Morrow Perfs

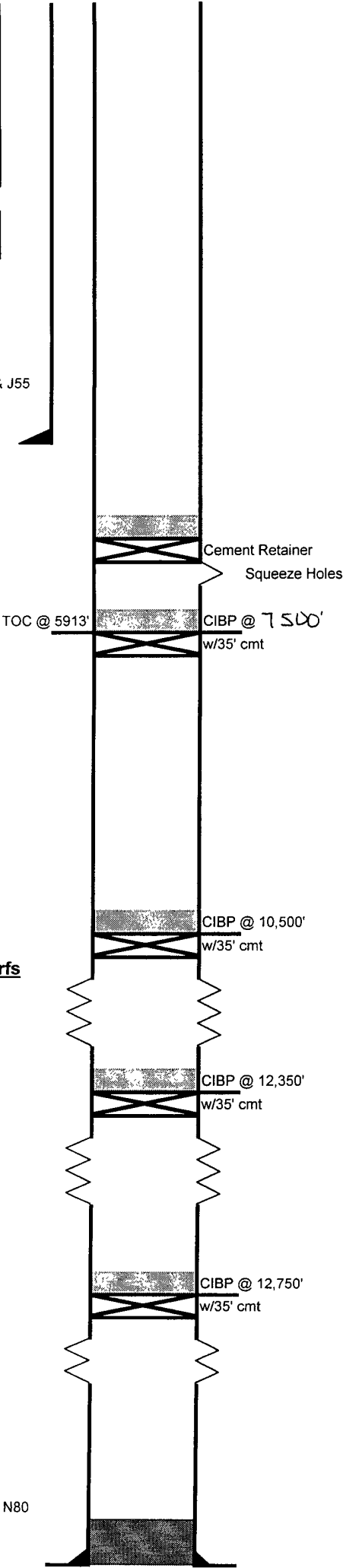
12,590'-12,612' (22')  
12,688'-12,700' (12')  
12,713'-12,716' (3')

Chester Perfs

12,780'-12,800' (20')

Production

8 3/4" x 5 1/2" 17# P110 & N80  
Set @ 12,950'  
PBSD 12,884'



Low Production in the Bone Springs  
Plans are to temporarily set plug & cement over Bone Springs perfs,  
Set additional plug & cement as required, perforate above TOC  
Cement thru retainer up annulus up inside 9 5/8" casing.  
Perforate SanAndres @ 5260-70' & test .  
Perforate Queen/Penrose @ 4836-46' & test .  
Put San Andres & Queen/Penrose together.

Tubing	
	Total
