

District I
625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

1. Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		2. OGRID Number 14744
3. API Number 30 015 43803		4. Well No. 2
5. Property Code 39713	6. Property Name SAN LORENZO SWD	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	15	25S	28E	L	1575	S	590	W	Eddy

* Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name SWD/Devonian	Pool Code 96101
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Additional Well Information

11. Work Type Drill	12. Well Type SWD	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 2989'
16. Multiple N	17. Proposed Depth 15620	18. Formation Devonian	19. Contractor TBA	20. Spud Date ASAP
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program


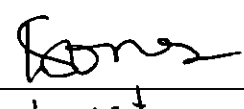
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26	20	94	450	720	0
Int.	17.5	13.375	61	2485	1180	0
Prod	12.25	9.625	47	9400	2720	0
Liner	8.75	7	29	14420	840	9200
Open Hole	6.125	-	-	15620	-	-

Casing/Cement Program: Additional Comments

See attached schematics. C108 PLUGGING APPROVAL

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular & Double Ram	3000	1500	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Bradley Bishop		Approved By: 	
Title: Regulatory		Title: Ecologist	
E-mail Address: bbishop@mewbourne.com		Approved Date: 5/25/16 Expiration Date: 05/25/18	
Date: 05-23-2016	Phone: 575-393-5905	Conditions of Approval Attached	

Witnessed MIT must be performed prior to initial injection. Contact Richard Inge 575-748-1283x107 to schedule test.

Not authorized to inject until approved C-108 is in place

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NM OIL CONSERVATION
ARTESIA DISTRICT
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 015 43803		² Pool Code 96101		³ Pool Name SWD / DEVONIAN	
⁴ Property Code 39 713		⁵ Property Name SAN LORENZO SWD			⁶ Well Number 2
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 2989'
¹⁰ Surface Location					
UL or lot no. L	Section 15	Township 25S	Range 28E	Lot Idn	Feet from the 1575
		North/South line SOUTH		Feet from the 590	East/West line WEST
				County EDDY	
¹¹ 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	
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code	
				¹⁵ Order No. C108 Pending	

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

N 89°50'24" E 2673.19'		N 89°54'53" E 2662.60'	
<p>16 (B)</p> <p style="text-align: center;">(C)</p> <p style="text-align: center;">(D)</p> <p style="text-align: center;">(E)</p> <p style="text-align: center;">(F)</p> <p style="text-align: center;">(G)</p> <p style="text-align: center;">(H)</p> <p style="text-align: center;">(I)</p> <p style="text-align: center;">(J)</p> <p style="text-align: center;">(K)</p> <p style="text-align: center;">(L)</p> <p style="text-align: center;">(M)</p> <p style="text-align: center;">(N)</p> <p style="text-align: center;">(O)</p> <p style="text-align: center;">(P)</p> <p style="text-align: center;">(Q)</p> <p style="text-align: center;">(R)</p> <p style="text-align: center;">(S)</p> <p style="text-align: center;">(T)</p> <p style="text-align: center;">(U)</p> <p style="text-align: center;">(V)</p> <p style="text-align: center;">(W)</p> <p style="text-align: center;">(X)</p> <p style="text-align: center;">(Y)</p> <p style="text-align: center;">(Z)</p>		<p>17 OPERATOR CERTIFICATION</p> <p>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 or has a right to drill this well at this 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.</p> <p style="text-align: right;">Signature BRADLEY BISHOP Date 5-23-16</p> <p style="text-align: right;">Printed Name BRADLEY BISHOP</p> <p style="text-align: right;">E-mail Address _____</p>	
<p>18 SURVEYOR CERTIFICATION</p> <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 style="text-align: right;">Date of Survey 4-19-2016</p> <p style="text-align: right;">Signature and Seal of Professional Surveyor ROBERT M. HOWETT</p> <p style="text-align: right;">Certificate Number 19680</p>		<p>19</p> <p style="text-align: center;">(A)</p> <p style="text-align: center;">(B)</p> <p style="text-align: center;">(C)</p> <p style="text-align: center;">(D)</p> <p style="text-align: center;">(E)</p> <p style="text-align: center;">(F)</p> <p style="text-align: center;">(G)</p> <p style="text-align: center;">(H)</p> <p style="text-align: center;">(I)</p> <p style="text-align: center;">(J)</p> <p style="text-align: center;">(K)</p> <p style="text-align: center;">(L)</p> <p style="text-align: center;">(M)</p> <p style="text-align: center;">(N)</p> <p style="text-align: center;">(O)</p> <p style="text-align: center;">(P)</p> <p style="text-align: center;">(Q)</p> <p style="text-align: center;">(R)</p> <p style="text-align: center;">(S)</p> <p style="text-align: center;">(T)</p> <p style="text-align: center;">(U)</p> <p style="text-align: center;">(V)</p> <p style="text-align: center;">(W)</p> <p style="text-align: center;">(X)</p> <p style="text-align: center;">(Y)</p> <p style="text-align: center;">(Z)</p>	

Mewbourne Oil Company

Well Name: San Lorenzo SWD #2
Spud: 2016

Last Updated by: A. Taylor on 4/21/2016

20" 94# J-55 BTC
Set @ 450'
Cmt w/ 720 sx

13 3/8" 54.5 & 61# J-55 STC
Set @ 2485'
Cmt w/ 1180 sx

DV Tool @ 2525'
Cmt 2nd stg w/ 645 sx

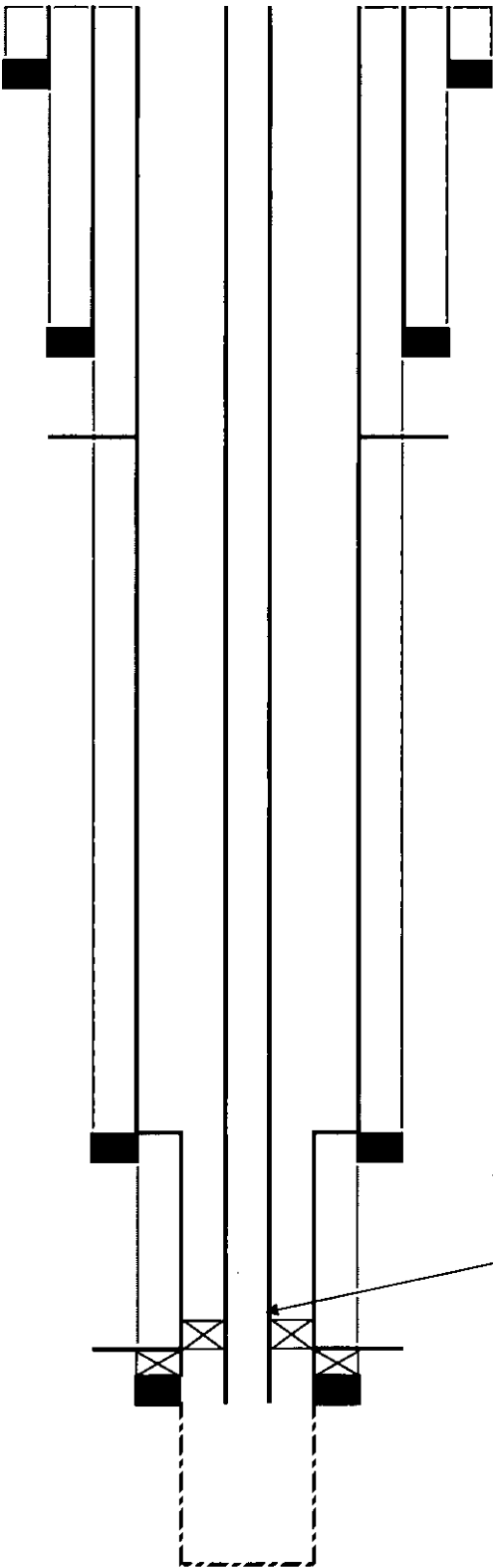
9 5/8" 43.5 & 47# N-80 & S-95 LTC
Set @ 9400'
Cmt 1st stg w/ 2075 sx

7" 29# HCL-80 LTC Liner
Set from 9200'-14420'
Cmt w/ 840 sx

6 1/8" Open Hole
TD @ 15620'

Injection String
4 1/2" 12.75# 13CR-HP1-110
Nickel-Plated Pkr Set @ 14350'

DV Tool @ 14360'
External Csg Pkr Set @ 14400'



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Form APD Conditions

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: <i>Newbourne Oil</i>		API Number: 30-015- <i>43803</i>
		Well: <i>San Lorenzo SWS #2</i>
OCD Reviewer	Condition	
kjones	Will require a directional survey with the C-104	
kjones	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	
kjones	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.	

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 prior to initial injection. Contact
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 schedule test.