

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

NM OIL CONSERVATION
ARTESIA DISTRICT
 MAY 24 2016
RECEIVED

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 Property Code 39713	⁵ Property Name SAN LORENZO SWD	⁶ Well No. 2

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: <i>Bradley Bishop</i>	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: <i>Geologist</i>	
	Approved Date: <i>5/25/16</i>	Expiration Date: <i>05/25/18</i>
	Conditions of Approval Attached	
Printed name: Bradley Bishop		
Title: Regulatory		
E-mail Address: bbishop@mewbourne.com		
Date: 05-23-2016	Phone: 575-393-5905	

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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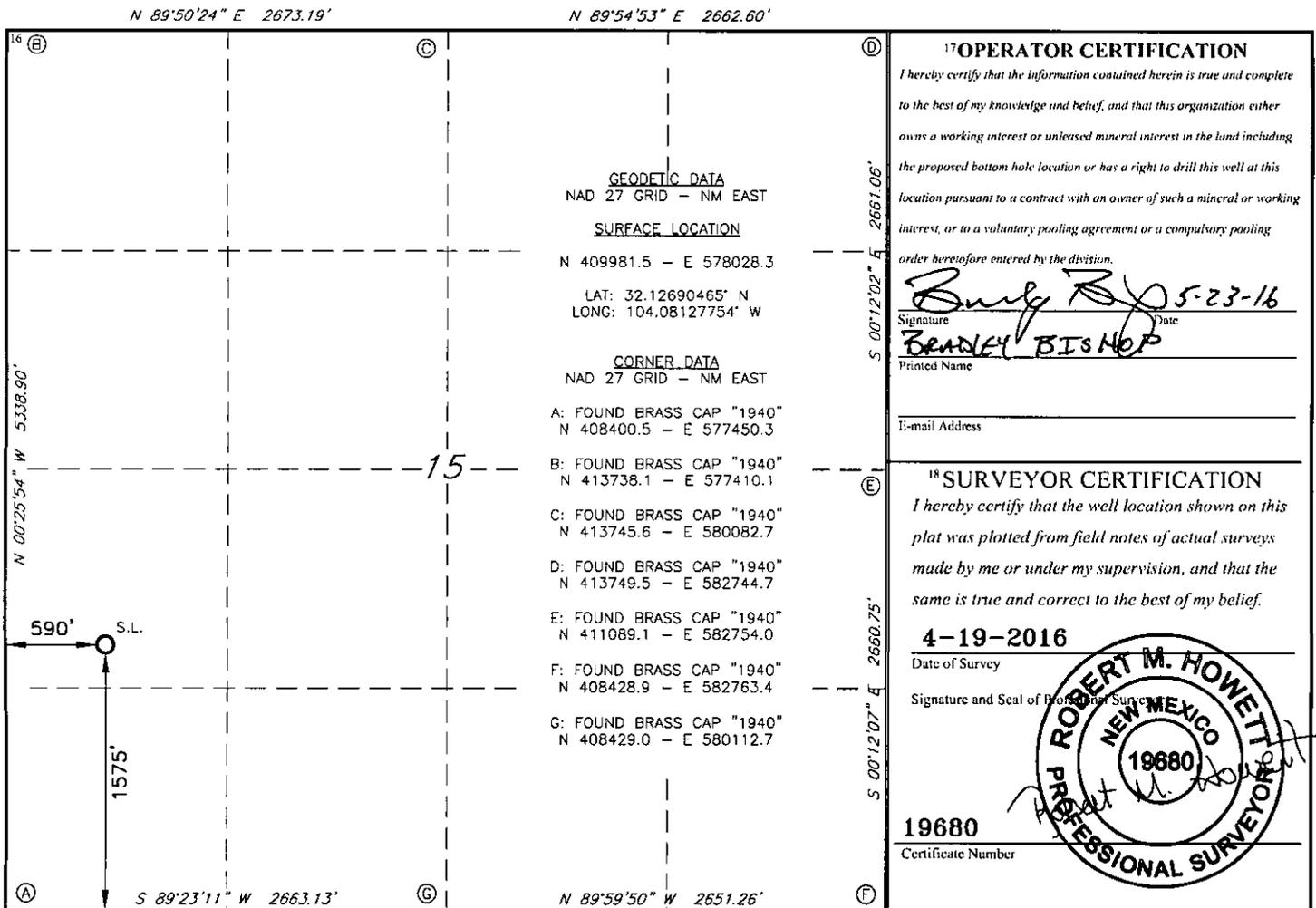
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MAY 24 2016

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.



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

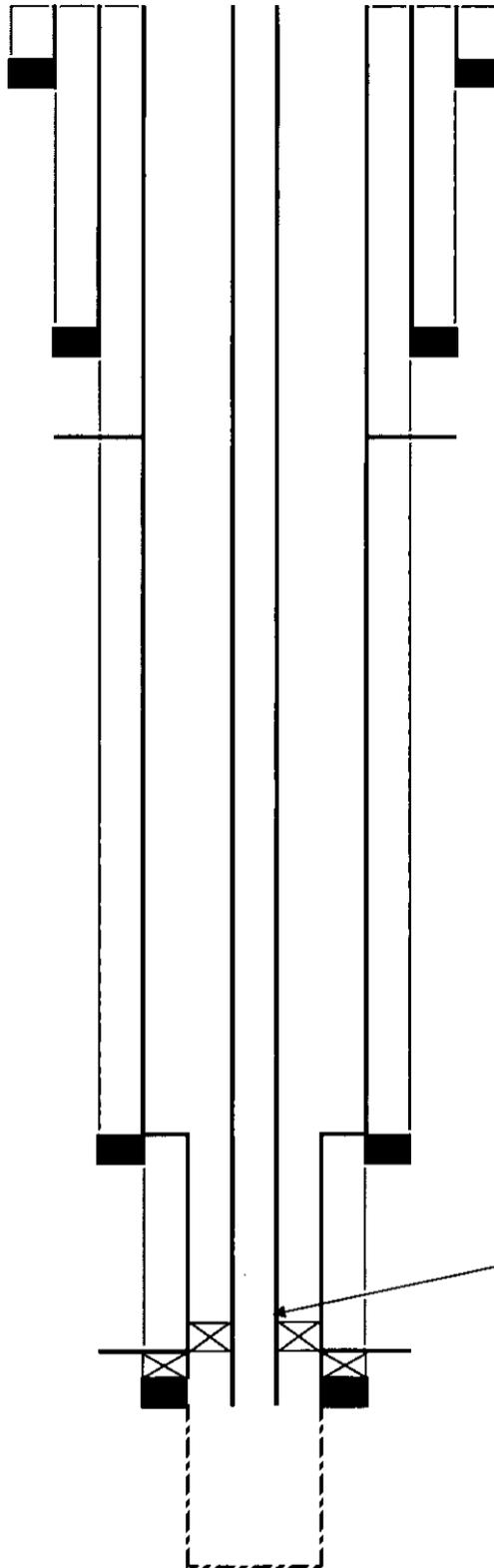
13 3/8" 54.5 & 61# J-55 STC
Set @ 2485'
Cmt w/ 1180 sx

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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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.

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

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