

Submit within 45 days of well completion

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Revised November 6, 2013

1. WELL API NO:  
30-015-42898

2. Well Name:  
LEO 15 B2DH FEDERAL COM #001H

3. Well Number:  
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:  
Unit:D    Lot:D    Section:15    Township:18S    Range:30E  
Feet from:430    N/S Line:N  
Feet from:370    E/W Line:W

5. Bottom Hole Location:  
Unit:H    Lot:    Section:15    Township:18S    Range:30E  
Feet from:2573    N/S Line:N  
Feet from:333    E/W Line:E

6. latitude:    longitude:  
32.7535355014389    -103.967185281029

7. County:  
Eddy

8. Operator Name and Address:  
MEWBOURNE OIL CO  
PO Box 5270  
Hobbs 88241

9. OGRID:    14744

10. Phone Number:    575-393-5905

11. Last Fracture Date:    3/23/2015    Frac Performed by:    Baker Hughes

12. Production Type:  
O

13. Pool Code(s):  
39513

14. Gross Fractured Interval:  
8,273 ft to 8,356 ft

15. True Vertical Depth (TVD):  
8,315 ft

16. Total Volume of Fluid Pumped:  
4,075,722 gals

17. Total Volume of Re-Use Water Pumped:  
N/A

18. Percent of Re-Use Water in Fluid Pumped:  
Not Disclosed

19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:

| Trade Name                                     | Supplier     | Purpose                | Ingredients                                           | (CAS #) Chemical Abstract Service # | Maximum Ingredient Concentration in Additive (% by mass) | Maximum Ingredient Concentration in HF Fluid (% by mass) |
|------------------------------------------------|--------------|------------------------|-------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Water                                          | Operator     | Carrier                | Water                                                 | 7732-18-5                           | 100%                                                     | 87.7227562%                                              |
| HCl, 10.1 - 15%                                | Baker Hughes | Acidizing              | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.471319%                                                |
| Activator, 330 gal tote                        | Baker Hughes | Activator              | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0257244%                                               |
| Alpha 125                                      | Baker Hughes | Biocide                | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0178688%                                               |
| GBW-5                                          | Baker Hughes | Breaker                | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0061966%                                               |
| CI-14                                          | Baker Hughes | Corrosion Inhibitor    | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0007488%                                               |
| FRW-18                                         | Baker Hughes | Friction Reducer       | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0799983%                                               |
| Ferrotrol 280L                                 | Baker Hughes | Iron Control           | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0014221%                                               |
| NE-23, 55 gallon drum                          | Baker Hughes | Non-emulsifier         | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0004394%                                               |
| Sand, White, 40/70                             | Baker Hughes | Proppant               | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 3.54877%                                                 |
| Sand, White, 100 mesh                          | Baker Hughes | Proppant               | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 7.54634%                                                 |
| Oil Plus                                       | Baker Hughes | Proppant               | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.522268%                                                |
| S-200                                          | Baker Hughes | Surfactant             | MSDS and Non-MSDS Ingredients Listed Below            | N/A                                 | 0%                                                       | 0.0391024%                                               |
| Ingredients in Additive(s) (MSDS and non-MSDS) | Baker Hughes | See Trade Name(s) List | 2-Mercaptoethanol                                     | 60-24-2                             | 100%                                                     | 0.0014218%                                               |
|                                                |              |                        | Alcohols, C10-16, ethoxylated propoxylated            | 69227-22-1                          | 5%                                                       | 0.0019547%                                               |
|                                                |              |                        | Alcohols, C12-14-Secondary, Ethoxylated               | 84133-50-6                          | 70%                                                      | 0.0180036%                                               |
|                                                |              |                        | Alcohols, C12-16, ethoxylated                         | 68551-12-2                          | 2%                                                       | 0.0015997%                                               |
|                                                |              |                        | Alcohols, C6-12, ethoxylated propoxylated             | 68937-66-6                          | 5%                                                       | 0.0019547%                                               |
|                                                |              |                        | Alcohols, ethoxylated                                 | 68551-12-2                          | 4%                                                       | 0.0015638%                                               |
|                                                |              |                        | Amines, unsatd. alkyl, ethoxylated                    | 68155-39-5                          | 2%                                                       | 0.0007819%                                               |
|                                                |              |                        | Ammonium Chloride                                     | 12125-02-9                          | 3%                                                       | 0.0023995%                                               |
|                                                |              |                        | Ammonium Hydroxide                                    | 1336-21-6                           | 5%                                                       | 7.11E-05%                                                |
|                                                |              |                        | Ammonium Persulphate                                  | 7727-54-0                           | 100%                                                     | 0.0061954%                                               |
|                                                |              |                        | Benzyl Chloride                                       | 100-44-7                            | 1%                                                       | 4.4E-06%                                                 |
|                                                |              |                        | Bis (hydroethyl) cocamine                             | 68439-72-5                          | 1%                                                       | 4.4E-06%                                                 |
|                                                |              |                        | Crystalline Silica (Quartz)                           | 14808-60-7                          | 100%                                                     | 11.0929709%                                              |
|                                                |              |                        | Crystalline Silica: Quartz                            | 14808-60-7                          | 100%                                                     | 0.5221667%                                               |
|                                                |              |                        | Cupric Chloride                                       | 7447-39-4                           | 5%                                                       | 7.11E-05%                                                |
|                                                |              |                        | Ethanol                                               | 64-17-5                             | 10%                                                      | 0.0039095%                                               |
|                                                |              |                        | Ethoxylated Nonylphenol                               | 9016-45-9                           | 5%                                                       | 2.2E-05%                                                 |
|                                                |              |                        | Fatty Acids                                           | 61790-12-3                          | 10%                                                      | 7.49E-05%                                                |
|                                                |              |                        | Formaldehyde                                          | 50-00-0                             | 1%                                                       | 7.5E-06%                                                 |
|                                                |              |                        | Glutaraldehyde                                        | 111-30-8                            | 30%                                                      | 0.0053595%                                               |
|                                                |              |                        | Hydrochloric Acid                                     | 7647-01-0                           | 15%                                                      | 0.0706917%                                               |
|                                                |              |                        | Hydrotreated Light Distillate                         | 64742-47-8                          | 30%                                                      | 0.0239948%                                               |
|                                                |              |                        | Isopropanol                                           | 67-63-0                             | 30%                                                      | 0.0001318%                                               |
|                                                |              |                        | Methanol                                              | 67-56-1                             | 100%                                                     | 0.013653%                                                |
|                                                |              |                        | Modified Thiourea Polymer                             | 68527-49-1                          | 7%                                                       | 5.24E-05%                                                |
|                                                |              |                        | Oleamide DEA                                          | 93-83-4                             | 2%                                                       | 0.0015997%                                               |
|                                                |              |                        | Olefin                                                | 64743-02-8                          | 5%                                                       | 3.74E-05%                                                |
|                                                |              |                        | Olefin Sulfonate                                      | 30965-85-6                          | 30%                                                      | 0.0002636%                                               |
|                                                |              |                        | Poly (acrylamide-co-acrylic acid) partial sodium salt | 62649-23-4                          | 30%                                                      | 0.0239948%                                               |
|                                                |              |                        | Polyester                                             | 68511-95-1                          | 15%                                                      | 6.59E-05%                                                |
|                                                |              |                        | Polyethylene glycol                                   | 25322-68-3                          | 5%                                                       | 0.001286%                                                |
|                                                |              |                        | Polyoxyalkylenes                                      | 68951-67-7                          | 30%                                                      | 0.0002246%                                               |
|                                                |              |                        | Polyoxythylene                                        | 9005-65-6                           | 0.5%                                                     | 0.0003999%                                               |
|                                                |              |                        | Sorbitan Monooleate                                   |                                     |                                                          |                                                          |
|                                                |              |                        | Propargyl Alcohol                                     | 107-19-7                            | 5%                                                       | 3.74E-05%                                                |
|                                                |              |                        | Quaternary Amine Compounds                            | 61789-68-2                          | 30%                                                      | 0.0001318%                                               |
|                                                |              |                        | Sodium Chloride                                       | 7647-14-5                           | 5%                                                       | 0.0039991%                                               |
|                                                |              |                        | Sorbitan Monooleate                                   | 1338-43-8                           | 0.5%                                                     | 0.0003999%                                               |
|                                                |              |                        | Water                                                 | 7732-18-5                           | 85%                                                      | 0.4757428%                                               |

20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.

Signature:    Signed Electronically    Printed Name:    NM Young    Title:    Manager

Date:    4/14/2015

E-mail Address:    rterrell@mewbourne.com

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.