

|   |  |  |   |                                     |  |  |
|---|--|--|---|-------------------------------------|--|--|
| Submit within 45 days of well completion  | State of New Mexico<br>Energy, Minerals and Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 | Revised February 15, 2012  |   |                                     |  |  |
|   |  | 1. WELL API NO.<br>30-015-41133  |   |                                     |  |  |
|   |  | 2. Well Name:<br>ZIRCON 2 DA STATE #001H   |   |                                     |  |  |
|   |  | 3. Well Number:<br>001H  |   |                                     |  |  |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br><input type="checkbox"/> Original<br><br><input checked="" type="checkbox"/> Amends disclosure submitted on 5/31/2013 |  | 4. Surface Hole Location:<br>Unit:D    Lot:4    Section:2    Township:19S    Range:29E<br>Feet from:560    N/S Line:N<br>Feet from:150    E/W Line:W |   |                                     |  |  |
|   |  | 5. Bottom Hole Location:<br>Unit:D    Lot:1    Section:2    Township:19S    Range:29E<br>Feet from:670    N/S Line:N<br>Feet from:344    E/W Line:E  |   |                                     |  |  |
|   |  | 6. latitude:    longitude:<br>32.6954079835337    -104.05351766026   |   |                                     |  |  |
|   |  | 7. County:<br>Eddy   |   |                                     |  |  |
|   |  |  |   |                                     |  |  |
| 8. Operator Name and Address:<br>MEWBOURNE OIL CO<br>Po Box 5270<br>Hobbs 88241   |  | 9. OGRID:    14744   | 10. Phone Number:    575-393-5905       |                                     |  |  |
| 11. Last Fracture Date:    5/1/2013    Frac Performed by: Baker Hughes  |  | 12. Production Type:<br>O  |   |                                     |  |  |
| 13. Pool Code(s):<br>60660  |  | 14. Gross Fractured Interval:<br>7,929 ft to 8,037 ft  |   |                                     |  |  |
| 15. True Vertical Depth (TVD):<br>7,983 ft  |  | 16. Total Volume of Fluid Pumped:<br>1,392,342 gals  |   |                                     |  |  |
| 17. 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%   | 83.65602%  |
| Activator, 330 gal tote   | Baker Hughes   | Activator  | Alcohols, C12-14-Secondary, Ethoxylated | 84133-50-6                          | 70%  | 0.03659%   |
|   |  |  | Methanol                                | 67-56-1                             | 50%  | 0.02614%   |
| GBW-5   | Baker Hughes   | Breaker  | Ammonium Phosphate                      | 7727-54-0                           | 100%   | 0.00022%   |
| Enzyme G-I  | Baker Hughes   | Breaker  | Hemicellulase Enzyme Concentrate        | 9025-56-3                           | 3%   | 0.00092%   |
|   |  |  | Water                                   | 7732-18-5                           | 97%  | 0.02961%   |
| High Perm CRB   | Baker Hughes   | Breaker  | Ammonium Persulphate                    | 7727-54-0                           | 60%  | 0.00173%   |
|   |  |  | Crystalline Silica Quartz               | 14808-60-7                          | 30%  | 0.00086%   |
|   |  |  | Choline Chloride                        | 67-48-1                             | 75%  | 0.01352%   |
| ClayCare, tote  | Baker Hughes   | Clay Control   | Water                                   | 7732-18-5                           | 30%  | 0.00541%   |
|   |  |  | Oxyakylated Amine Quat                  | 138879-94-4                         | 60%  | 0.01803%   |
| Clay Master-5C  | Baker Hughes   | Clay Control   | Ethylene Glycol                         | 107-21-1                            | 30%  | 0.01986%   |
|   |  |  | Sodium Hydroxide                        | 1310-73-2                           | 10%  | 0.00662%   |
|   |  |  | Sodium Tetraborate                      | 1330-43-4                           | 30%  | 0.01986%   |
| MaxPerm-20A, 265 gallon tote  | Baker Hughes   | Friction Reducer   | Aliphatic Hydrocarbon                   | Trade Secret                        | 30%  | 0.0034%  |
|   |  |  | Oxyalkylated Alcohol                    | Trade Secret                        | 5%   | 0.00057%   |
| GW-4LDF   | Baker Hughes   | Gelling Agent  | Guar Gum                                | 9000-30-0                           | 60%  | 0.20767%   |
|   |  |  | Paraffinic Petroleum Distillate         | 64742-55-8                          | 60%  | 0.20767%   |
|   |  |  | Petroleum Distillate                    | 64742-47-8                          | 60%  | 0.20767%   |
|   |  |  | Mixture of Surfactants                  | Trade Secret                        | 50%  | 0.04126%   |
| NE-35, 330 gl tote  | Baker Hughes   | Non-emulsifier   | Propylene Glycol                        | 57-55-6                             | 30%  | 0.02475%   |
|   |  |  | Crystalline Silica (Quartz)             | 14808-60-7                          | 100%   | 12.03489%  |
| Sand, White, 20/40  | Baker Hughes   | Proppant   | Crystalline Silica (Quartz)             | 14808-60-7                          | 100%   | 0.72219%   |
| SB Excel 20/40  | Baker Hughes   | Proppant   | Quartz (SiO2)                           | 14808-60-7                          | 100%   | 2.68513%   |
| Ingredients shown above are subject to 29 CFR 1910  |  |  | Anionic Terpolymer                      | Trade Secret                        | 0%   | 0.0067954%   |
|   |  |  | Cured Acrylic Resin                     | Trade Secret                        | 0%   | 0.0008647%   |
|   |  |  | EDTA                                    | 64-02-8                             | 0%   | 5.7E-06%   |
|   |  |  | Inorganic Salt                          | 7647-14-5                           | 0%   | 0.0005663%   |
|   |  |  | Oxyalkylated Fatty Acid Derivative      | Trade Secret                        | 0%   | 0.0005663%   |
|   |  |  | Polyol Ester                            | Trade Secret                        | 0%   | 0.0005663%   |
|   |  |  | Water                                   | 7732-18-5                           | 0%   | 0.0200366%   |
| 18. 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:    10/24/2013   |  |  |   |                                     |  |  |
| E-mail Address:    myoung@mewbourne.com   |  |  |   |                                     |  |  |

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