

|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          |                                                                                                                                     |  |                                   |  |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------|-------------|-----------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|--|
|                                                                                                  | Energy, Minerals and Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 |                           |                                                          |             |                             |                                                          | 1. WELL API NO:<br>30-015-40050                                                                                                     |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          | 2. Well Name:<br>SAMANTHA 31 6 FEDERAL COM #001H                                                                                    |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          | 3. Well Number:<br>001H                                                                                                             |  |                                   |  |
| HYDRAULIC FRACTURING FLUID DISCLOSURE<br><br>☒ Original<br><br>☐ Amendment                       |                                                                                                                     |                           |                                                          |             |                             |                                                          | 4. Surface Hole Location:<br>Unit:M Lot:4 Section:31 Township:18S Range:31E<br>Feet from:990 N/S Line:S<br>Feet from:450 E/W Line:W |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          | 5. Bottom Hole Location:<br>Unit:M Lot:4 Section:31 Township:18S Range:31E<br>Feet from:990 N/S Line:S<br>Feet from:450 E/W Line:W  |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          | 6. Latitude:<br>32.6993997066146 Longitude:<br>-103.915501713937                                                                    |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           |                                                          |             |                             |                                                          | 7. County:<br>Eddy                                                                                                                  |  |                                   |  |
| 8. Operator Name and Address:<br>OXY USA WTP LIMITED PARTNERSHIP<br>PO Box 4294<br>Houston 77210 |                                                                                                                     |                           |                                                          |             |                             |                                                          | 9. OGRID:<br>192463                                                                                                                 |  | 10. Phone Number:<br>713-366-5485 |  |
| 11. Last Fracture Date: 6/19/2012 Frac Performed by: NABORS                                      |                                                                                                                     |                           |                                                          |             |                             |                                                          | 12. Production Type:<br>O                                                                                                           |  |                                   |  |
| 13. Pool Code(s):<br>97056                                                                       |                                                                                                                     |                           |                                                          |             |                             |                                                          | 14. Gross Fractured Interval:<br>9,075 ft to 14,250 ft                                                                              |  |                                   |  |
| 15. True Vertical Depth (TVD):<br>8,770 ft                                                       |                                                                                                                     |                           |                                                          |             |                             |                                                          | 16. Total Volume of Fluid Pumped:<br>1,652,784 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                                                                                            | OCCIDENTAL PETROLEUM                                                                                                | Water                     | Water                                                    | 7732-18-5   |                             | 100%                                                     | 85.8540587%                                                                                                                         |  |                                   |  |
| HCl Acid (12.5%-18.0%)                                                                           | Nabors Completion and Production Services                                                                           | Bulk Acid                 | Hydrogen Chloride                                        | 7647-01-0   |                             | 18%                                                      | 0.196353%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 87.5%                                                    | 0.954492%                                                                                                                           |  |                                   |  |
| Acid Inhibitor 3M (AI-3M)                                                                        | Nabors Completion and Production Services                                                                           | Acid Corrosion Inhibitors | 1-DECANOL                                                | 112-30-1    |                             | 5%                                                       | 0.000111%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | 1-OCTANOL                                                | 111-87-5    |                             | 2.5%                                                     | 5.6E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | 2-Butoxyethanol                                          | 111-76-2    |                             | 7%                                                       | 0.000156%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Cinnamaldehyde                                           | 104-55-2    |                             | 6%                                                       | 0.000133%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Ethoxylated Nonyphenol                                   | 68412-54-4  |                             | 5%                                                       | 0.000111%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Ethylene Glycol                                          | 107-21-1    |                             | 40%                                                      | 0.000889%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Isopropyl Alcohol                                        | 67-63-0     |                             | 2.5%                                                     | 5.6E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | N,N-Dimethylformamide                                    | 68-12-2     |                             | 20%                                                      | 0.000445%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Polyethylene-Glycol                                      | 25322-68-3  |                             | 1%                                                       | 2.2E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Tar bases, quinoline derivs, benzyl chloride-quaternized | 72480-70-7  |                             | 13%                                                      | 0.000289%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Triethyl Phosphate                                       | 78-40-0     |                             | 2.5%                                                     | 5.6E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 25%                                                      | 0.000556%                                                                                                                           |  |                                   |  |
| KR-153SL                                                                                         | Nabors Completion and Production Services                                                                           | Biocides                  | 2,2-dibromo-3-nitritropropionamide                       | 10222-01-2  |                             | 20%                                                      | 0.00483%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Polyethylene-Glycol                                      | 25322-68-3  |                             | 50%                                                      | 0.012074%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 80%                                                      | 0.019319%                                                                                                                           |  |                                   |  |
| ClayTreat LT                                                                                     | Nabors Completion and Production Services                                                                           | Clay Control Additives    | ammonium, (2-Hydroxyethyl)trimethyl-, chloride           | 67-48-1     |                             | 80%                                                      | 0.052389%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Demineralized Water                                      | 7732-18-5   |                             | 50%                                                      | 0.032743%                                                                                                                           |  |                                   |  |
| XL-11                                                                                            | Nabors Completion and Production Services                                                                           | Cross-linkers             | Ethylene Glycol                                          | 107-21-1    |                             | 10%                                                      | 0.014904%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Potassium Hydroxide                                      | 1310-58-3   |                             | 5%                                                       | 0.007452%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Potassium Metaborate                                     | 13709-94-9  |                             | 30%                                                      | 0.004712%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 75%                                                      | 0.111781%                                                                                                                           |  |                                   |  |
| EB-4L                                                                                            | Nabors Completion and Production Services                                                                           | Gel Breakers              | Ethylene Glycol                                          | 107-21-1    |                             | 40%                                                      | 0.001673%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Proprietary                                              | Proprietary |                             | 0%                                                       | 0.004183%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Proprietary                                              | Proprietary |                             | 1%                                                       | 4.2E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Proprietary                                              | Proprietary |                             | 1%                                                       | 4.2E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Proprietary                                              | Proprietary |                             | 1%                                                       | 4.2E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Proprietary                                              | Proprietary |                             | 1%                                                       | 4.2E-05%                                                                                                                            |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Sugar                                                    | 57-50-1     |                             | 0%                                                       | 0.004183%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 0%                                                       | 0.002091%                                                                                                                           |  |                                   |  |
| OB Breaker                                                                                       | Nabors Completion and Production Services                                                                           | Gel Breakers              | Ammonium Persulfate                                      | 7727-54-0   |                             | 100%                                                     | 0.00408%                                                                                                                            |  |                                   |  |
| LSG-100L                                                                                         | Nabors Completion and Production Services                                                                           | Gelling Agents            | Crystalline Silica (in the form of quartz)               | 14808-60-7  |                             | 2%                                                       | 0.007382%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | guar gum                                                 | 9000-30-0   |                             | 50%                                                      | 0.184545%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Organophilic Clay                                        | 68953-58-2  |                             | 0%                                                       | 0%                                                                                                                                  |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Petroleum Distillates                                    | 64742-47-8  |                             | 70%                                                      | 0.258363%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Surfactant                                               | 68439-51-0  |                             | 2%                                                       | 0.007382%                                                                                                                           |  |                                   |  |
| PH-15L                                                                                           | Nabors Completion and Production Services                                                                           | pH Control Additives      | Sodium Chloride                                          | 7647-14-5   |                             | 7%                                                       | 0.000182%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Sodium Hydroxide                                         | 1310-73-2   |                             | 60%                                                      | 0.001557%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Water                                                    | 7732-18-5   |                             | 70%                                                      | 0.001816%                                                                                                                           |  |                                   |  |
| ULT Resin Sand Activator                                                                         | Nabors Completion and Production Services                                                                           | Proppants - Manufactured  | Acetaldehyde                                             | 75-07-0     |                             | 0.01%                                                    | 1E-06%                                                                                                                              |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Alcohols, C12-14-Secondary,Ethoxylated                   | 84133-50-6  |                             | 70%                                                      | 0.005347%                                                                                                                           |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Dioxane                                                  | 123-91-1    |                             | 0.01%                                                    | 1E-06%                                                                                                                              |  |                                   |  |
|                                                                                                  |                                                                                                                     |                           | Ethylene Oxide                                           | 75-21-8     |                             | 0.01%                                                    |                                                                                                                                     |  |                                   |  |