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| 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 February 15, 2012 | | | | |
| | | 1. WELL API NO: 30-025-40039 | | | | |
| | | 2. Well Name: MAMBA BQN STATE COM #001H | | | | |
| | | 3. Well Number: 001H | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE <input type="checkbox"/> Original <input checked="" type="checkbox"/> Amends disclosure submitted on 3/29/2012 | | 4. Surface Hole Location: Unit:N Lot:N Section:30 Township:24S Range:33E Feet from:330 N/S Line:S Feet from:1980 E/W Line:W | | | | |
| | | 5. Bottom Hole Location: Unit:N Lot:N Section:30 Township:24S Range:33E Feet from:330 N/S Line:S Feet from:1980 E/W Line:W | | | | |
| | | 6. latitude: longitude: 32.1822904071852 - 103.61349090638 | | | | |
| | | 7. County: Lea | | | | |
| | | | | | | |
| 8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210 | | | | 9. OGRID: 25575 | | 10. Phone Number: |
| 11. Last Fracture Date: 3/13/2012 Frac Performed by: Schlumberger | | | | 12. Production Type: O | | |
| 13. Pool Code(s): 97784 | | | | 14. Gross Fractured Interval: 9,670 ft to 13,617 ft | | |
| 15. True Vertical Depth (TVD): 7,416 ft | | | | 16. Total Volume of Fluid Pumped: 64,395 bbls | | |
| 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) |
| 15% HCL, Slick Water, WF125, YF125 Flex | Schlumberger | | Crystalline silica | 14808-60-7 | 79.42196% | 9.78195% |
| | | | Hydrochloric Acid | 7647-01-0 | 2.20592% | 0.27169% |
| | | | Carbohydrate polymer | Trade Secret | 1.62458% | 0.20009% |
| | | | Tetramethylammonium chloride | 75-57-0 | 0.7887% | 0.09714% |
| | | | Methanol | 67-56-1 | 0.26079% | 0.03212% |
| | | | Diammonium peroxidisulphate | 7727-54-0 | 0.23067% | 0.02841% |
| | | | Aliphatic polyol | Trade Secret | 0.20785% | 0.0256% |
| | | | Ammonium mercaptoacetate | 5421-46-5 | 0.13421% | 0.01653% |
| | | | Potassium hydroxide | 1310-58-3 | 0.10393% | 0.0128% |
| | | | Polyethylene glycol monohexyl ether | 31726-34-8 | 0.10117% | 0.01246% |
| | | | Distillates (petroleum), hydrotreated light | Trade Secret | 0.0773% | 0.00952% |
| | | | Glutaraldehyde | 111-30-8 | 0.07202% | 0.00887% |
| | | | Formic acid | 64-18-6 | 0.06983% | 0.0086% |
| | | | Heavy aromatic naphtha | 64742-94-5 | 0.05602% | 0.0069% |
| | | | Aliphatic acids | Trade Secret | 0.05513% | 0.00679% |
| | | | Aliphatic alcohols, ethoxylated #1 | Trade Secret | 0.05513% | 0.00679% |
| | | | Oxyalkylated alcohol (2) | Trade Secret | 0.02671% | 0.00329% |
| | | | Oxyalkylated alkyl alcohol (1) | Trade Secret | 0.02671% | 0.00329% |
| | | | Tetrasodium ethylenediaminetetraacetate | 64-02-8 | 0.02363% | 0.00291% |
| | | | Prop-2-yn-1-ol | 107-19-7 | 0.01835% | 0.00226% |
| | | | Quaternary ammonium compound | Trade Secret | 0.0134% | 0.00165% |
| | | | Oxyalkylated alcohol (1) | Trade Secret | 0.0134% | 0.00165% |
| | | | Alcohol ethoxylate C-10/16 with 6.5 EO | Trade Secret | 0.00966% | 0.00119% |
| | | | Naphthalene | 91-20-3 | 0.0043% | 0.00053% |
| | | | 1,2,4 trimethylbenzene | 95-63-6 | 0.0043% | 0.00053% |
| 4-nonylphenol, ethoxylated | 26027-38-3 | 0.00211% | 0.00026% | | | |
| Sodium hydroxide | 1310-73-2 | 0.00195% | 0.00024% | | | |
| Trisodium nitrilotriacetate (impurity) | 5064-31-3 | 0.00041% | 0% | | | |
| 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: Tina Huerta | | Regulatory Compliance Title: Supervisor | | |
| Date: 8/28/2012 | | | | | | |
| E-mail Address: tinah@ypcnm.com | | | | | | |

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