

|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--|--|--|
| 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>30-025-40554                                                                                                       |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            | 2. Well Name:<br>NORTHEAST DRINKARD UNIT #173                                                                                         |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            | 3. Well Number:<br>173                                                                                                                |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
| <b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b><br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:B Lot:10 Section:3 Township:21S Range:37E<br>Feet from:3785 N/S Line:N<br>Feet from:1980 E/W Line:E |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:B Lot:10 Section:3 Township:21S Range:37E<br>Feet from:3785 N/S Line:N<br>Feet from:1980 E/W Line:E  |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            | 6. latitude: longitude:<br>32.5118059922529 -<br>103.148830196425                                                                     |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            | 7. County:<br>Lea                                                                                                                     |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    |                                                       |                                                          |                                                          |  |  |  |
| 8. Operator Name and Address:<br>APACHE CORP<br>303 Veterans Airpark Lane<br>Suite 3000<br>Midland 79705                                   |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    | 9. OGRID:<br>873                                      | 10. Phone Number:<br>432-818-1062                        |                                                          |  |  |  |
| 11. Last Fracture Date: 9/13/2012 Frac Performed by: Baker Hughes                                                                          |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    | 12. Production Type:<br>O                             |                                                          |                                                          |  |  |  |
| 13. Pool Code(s):<br>22900                                                                                                                 |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    | 14. Gross Fractured Interval:<br>5,771 ft to 6,768 ft |                                                          |                                                          |  |  |  |
| 15. True Vertical Depth (TVD):<br>6,768 ft                                                                                                 |                                                                                                                                            |                                                                                                                                       |                                                                                                                                                    | 16. Total Volume of Fluid Pumped:<br>3,243 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) |  |  |  |
| Water                                                                                                                                      | Operator                                                                                                                                   | Carrier                                                                                                                               | Water                                                                                                                                              | 7732-18-5                                             | 100%                                                     | 70.71474%                                                |  |  |  |
| HCl, 10.1 - 15%                                                                                                                            | Baker Hughes                                                                                                                               | Acidizing                                                                                                                             | Hydrochloric Acid                                                                                                                                  | 7647-01-0                                             | 15%                                                      | 0.65916%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Water                                                                                                                                              | 7732-18-5                                             | 85%                                                      | 3.73522%                                                 |  |  |  |
| Superset-W, 330 gl tote                                                                                                                    | Baker Hughes                                                                                                                               | Activator                                                                                                                             | Methanol                                                                                                                                           | 67-56-1                                               | 50%                                                      | 0.17033%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Poly (Oxyethylene) Nonylphenol Ether                                                                                                               | 9016-45-9                                             | 50%                                                      | 0.17033%                                                 |  |  |  |
| X-Cide 207                                                                                                                                 | Baker Hughes                                                                                                                               | Biocide                                                                                                                               | 2-Methyl-4-Isothiazolin-3-One                                                                                                                      | 2682-20-4                                             | 5%                                                       | 0.00017%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | 5-Chloro-2-Methyl-4-Isothiazolin-3-One                                                                                                             | 26172-55-4                                            | 10%                                                      | 0.00035%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Crystalline Silica: Cristobalite                                                                                                                   | 14464-46-1                                            | 1%                                                       | 3E-05%                                                   |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Crystalline Silica: Quartz (SiO2)                                                                                                                  | 14808-60-7                                            | 1%                                                       | 3E-05%                                                   |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Diatomaceous Earth, Calcined                                                                                                                       | 91053-39-3                                            | 60%                                                      | 0.00209%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Magnesium Chloride                                                                                                                                 | 7786-30-3                                             | 5%                                                       | 0.00017%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Magnesium Nitrate                                                                                                                                  | 10377-60-3                                            | 10%                                                      | 0.00035%                                                 |  |  |  |
| Alpha 125                                                                                                                                  | Baker Hughes                                                                                                                               | Biocide                                                                                                                               | Glutaraldehyde                                                                                                                                     | 111-30-8                                              | 30%                                                      | 0.00855%                                                 |  |  |  |
| GBW-15L                                                                                                                                    | Baker Hughes                                                                                                                               | Breaker                                                                                                                               | Enzyme solution                                                                                                                                    | Trade Secret                                          | 100%                                                     | 0.07837%                                                 |  |  |  |
| BF-7L, Tote                                                                                                                                | Baker Hughes                                                                                                                               | Buffer                                                                                                                                | Potassium Carbonate                                                                                                                                | 584-08-7                                              | 60%                                                      | 0.08752%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Potassium Hydroxide                                                                                                                                | 1310-58-3                                             | 1%                                                       | 0.00146%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Water                                                                                                                                              | 7732-18-5                                             | 60%                                                      | 0.08752%                                                 |  |  |  |
| ClayCare, tote                                                                                                                             | Baker Hughes                                                                                                                               | Clay Control                                                                                                                          | Choline Chloride                                                                                                                                   | 67-48-1                                               | 75%                                                      | 0.06415%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Water                                                                                                                                              | 7732-18-5                                             | 30%                                                      | 0.02566%                                                 |  |  |  |
| CI-14                                                                                                                                      | Baker Hughes                                                                                                                               | Corrosion Inhibitor                                                                                                                   | Fatty Acids                                                                                                                                        | Trade Secret                                          | 10%                                                      | 0.00068%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Olefin                                                                                                                                             | Trade Secret                                          | 5%                                                       | 0.00034%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Polyoxyalkylenes                                                                                                                                   | Trade Secret                                          | 30%                                                      | 0.00203%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Propargyl Alcohol                                                                                                                                  | 107-19-7                                              | 5%                                                       | 0.00034%                                                 |  |  |  |
| CorrSorb 3600, 25 lb pail                                                                                                                  | Baker Hughes                                                                                                                               | Corrosion Inhibitor                                                                                                                   | Acid Phosphate Ester                                                                                                                               | 9046-01-9                                             | 5.47%                                                    | 0.00068%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Crystalline Silica Quartz                                                                                                                          | 14808-60-7                                            | 1%                                                       | 0.00012%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Diatomaceous Earth, Calcined                                                                                                                       | 91053-39-3                                            | 80%                                                      | 0.00996%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Quaternary Ammonium Chloride                                                                                                                       | 61789-71                                              | 15.06%                                                   | 0.00188%                                                 |  |  |  |
| XLW-24                                                                                                                                     | Baker Hughes                                                                                                                               | Crosslinker                                                                                                                           | Glyoxal                                                                                                                                            | 107-22-2                                              | 10%                                                      | 0.01102%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Sodium Tetraborate                                                                                                                                 | 1303-96-4                                             | 30%                                                      | 0.03307%                                                 |  |  |  |
| FRW-20                                                                                                                                     | Baker Hughes                                                                                                                               | Friction Reducer                                                                                                                      | Petroleum Distillates                                                                                                                              | 64742-47-8                                            | 30%                                                      | 0.00165%                                                 |  |  |  |
| GW-4LDF                                                                                                                                    | Baker Hughes                                                                                                                               | Gelling Agent                                                                                                                         | Guar Gum                                                                                                                                           | 9000-30-0                                             | 60%                                                      | 0.39222%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Paraffinic Petroleum Distillate                                                                                                                    | 64742-55-8                                            | 60%                                                      | 0.39222%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Petroleum Distillate                                                                                                                               | 64742-47-8                                            | 60%                                                      | 0.39222%                                                 |  |  |  |
| Ferrotrol 280L                                                                                                                             | Baker Hughes                                                                                                                               | Iron Control                                                                                                                          | 2-Mercaptoethanol                                                                                                                                  | 60-24-2                                               | 100%                                                     | 0.01258%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Ammonium Hydroxide                                                                                                                                 | 1336-21-6                                             | 5%                                                       | 0.00063%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Cupric Chloride                                                                                                                                    | 7447-39-4                                             | 5%                                                       | 0.00063%                                                 |  |  |  |
| NE-23                                                                                                                                      | Baker Hughes                                                                                                                               | Non-emulsifier                                                                                                                        | Isopropanol                                                                                                                                        | 67-63-0                                               | 30%                                                      | 0.00159%                                                 |  |  |  |
| NE-35, 330 gl tote                                                                                                                         | Baker Hughes                                                                                                                               | Non-emulsifier                                                                                                                        | Mixture of Surfactants                                                                                                                             | Trade Secret                                          | 50%                                                      | 0.03921%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Propylene Glycol                                                                                                                                   | 57-55-6                                               | 30%                                                      | 0.02352%                                                 |  |  |  |
| Super LC, 20/40                                                                                                                            | Baker Hughes                                                                                                                               | Proppant                                                                                                                              | Hexamethylenetetramine                                                                                                                             | 1009-7-0                                              | 0.01%                                                    | 0.00223%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | P/F Resin                                                                                                                                          | 9003-35-4                                             | 5%                                                       | 1.11515%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Silicon Dioxide (Silica Sand)                                                                                                                      | 14808-60-7                                            | 97%                                                      | 21.63392%                                                |  |  |  |
| Scaletrol 720                                                                                                                              | Baker Hughes                                                                                                                               | Scale Inhibitor                                                                                                                       | Calcium Chloride                                                                                                                                   | 10043-52-4                                            | 5%                                                       | 0.00426%                                                 |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Ethylene Glycol                                                                                                                                    | 107-21-1                                              | 30%                                                      | 0.02558%                                                 |  |  |  |
| Ingredients shown above are subject to 29 CFR 1910                                                                                         |                                                                                                                                            |                                                                                                                                       | Aliphatic Hydrocarbon                                                                                                                              | Trade Secret                                          | 0%                                                       | 0.0012823%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Ethylene Glycol                                                                                                                                    | 107-21-1                                              | 0%                                                       | 0.0001171%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Formaldehyde                                                                                                                                       | 50-00-0                                               | 0%                                                       | 6.77E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Hydrochloric Acid                                                                                                                                  | 7647-01-0                                             | 0%                                                       | 6.77E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Methanol                                                                                                                                           | 67-56-1                                               | 0%                                                       | 0.0068429%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Modified Thiorea Polymer                                                                                                                           | 68527-49-1                                            | 0%                                                       | 0.000474%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Oxyalkylated Alcohol                                                                                                                               | Trade Secret                                          | 0%                                                       | 0.0001101%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Phosphoric Acid                                                                                                                                    | 7664-38-2                                             | 0%                                                       | 1.37E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Polyacrylate                                                                                                                                       | Trade Secret                                          | 0%                                                       | 0.0170518%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Polyglycol Ester                                                                                                                                   | Trade Secret                                          | 0%                                                       | 4.95E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Polyol Ester                                                                                                                                       | Trade Secret                                          | 0%                                                       | 6.05E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Polyoxyalkylenes                                                                                                                                   | 78330-21-9                                            | 0%                                                       | 4.48E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Potassium Chloride                                                                                                                                 | 7447-40-7                                             | 0%                                                       | 4.26E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Sodium Chloride                                                                                                                                    | 7647-14-5                                             | 0%                                                       | 0.0002457%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Thioglycolic Acid                                                                                                                                  | 68-11-1                                               | 0%                                                       | 1.87E-05%                                                |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Vinyl Copolymer                                                                                                                                    | Trade Secret                                          | 0%                                                       | 0.0015409%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Water                                                                                                                                              | 7732-18-5                                             | 0%                                                       | 0.0680288%                                               |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | 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: Reesa R. Holland Title: Sr. Engineering Tech                                                        |                                                       |                                                          |                                                          |  |  |  |
|                                                                                                                                            |                                                                                                                                            |                                                                                                                                       | Date: 11/13/2012                                                                                                                                   |                                                       |                                                          |                                                          |  |  |  |
| E-mail Address: reesa.holland@apachecorp.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.