| Submit within 45 d | ays of | State of New Mexico Energy, Minerals and | | | Revised February 15, 2012 | | | | |
|--|-----------------|---|---|------|--|--|---------------|--|--|
| well completion | | | | | 1. WELL API NO. 30-015-40145 | | | | |
| | | Oil Conse | Natural Resources Oil Conservation Division | | 2. Well Name: D STATE #084 | | | | |
| 1220 S. St Francis Dr. Santa Fe, NM 87505 | | | | | 3. Well Number: 084 | | | | |
| | | | | | 4. Surface Hole Location: | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE ☑ Original | | | | | Unit:J Lot:J Section:35 Township:17S Range:28E Feet from:1650 N/S Line:S Feet from:1650 E/W Line:E | | | | |
| The Control of the Co | | | | | 5. Bottom Hole | | E/W Line | | |
| ☐ Amendment | | | | | | | N/S Line: | S | |
| | | | | | 6. latitude: longitude: | | | | |
| | | | 32.7890095644727 - 104.14389720747 | | | | | | |
| | | 7. County: | | | | | | | |
| | | | | | Edd | у | | | |
| 8. Operator Name and Address: | | | | | 9. OGRID: 10. Phone Number: | | | | |
| APACHE CORP 303 Veterans Airpark Lane | | | | | 873 | | 432-818-1062 | | |
| Suite 3000 | | | | | | | | | |
| Midland | 79705 | | | | | | | | |
| 11. Last Fracture Da | ate: 11 | /26/2012 Frac Perf | ormed by: Baker Hughes | | 12. Productio | n Type: | | | |
| 13. Pool Code(s): | | | | | 14. Gross Fra | ctured Inter | val: | | |
| 96830 | | | | | 4,026 ft to 4,484 ft | | | | |
| 15. True Vertical Depth (TVD): 4.484 ft | | | | | 16. Total Volume of Fluid Pumped: 3,641 bbls | | | | |
| | | MPOSITION AND | CONCENTRATION: | | | | | | |
| Trade Name | Supplier | Purpose | Ingredients | | (S#) Chemical stract Service | Maximum Ingredien Concentra Additive (mass) | t ation in | Maximum Ingredient Concentration in HF Fluid (% by mass) | |
| Water | Operato | or Carrier | Water | 77 | 32-18-5 | massj | 100% | 84.88574% | |
| Superset-W, 330 | | Activator | Methanol | | -56-1 | | 50% | 0.02905% | |
| gl tote | Hughes | | Poly (Oxyethylene) Nonylphenol Ether | | 16-45-9 | | 50% | 0.02905% | |
| Alpha 125 | Baker Hughes | | Glutaraldehyde | | 1-30-8 | | 30% | 0.00721% | |
| GBW-5 | Baker Hughes | Breaker | Ammonium Phosphate | 11. | 27-54-0 | | 100% | 0.002% | |
| GBW-15L | Baker Hughes | Breaker | Enzyme solution | Tra | ade Secret | | 100% | 0.05299% | |
| ClayCare, tote | Baker | Clay | Choline Chloride | _ | -48-1 | | 75% | 0.03588% | |
| 2012404 | Hughes | | Water | _ | 32-18-5 | | 30% | 0.01435% | |
| XLW-10A | Baker Hughes | | Ethylene Glycol Sodium Hydroxide | _ | 7-21-1 10-73-2 | | 30% 10% | 0.03943% 0.01314% | |
| | riagiles | · | Sodium Tetraborate | _ | 30-43-4 | | 30% | 0.03943% | |
| GW-4LDF | Baker | Gelling | Guar Gum | _ | 00-30-0 | | 60% | 0.30888% | |
| | Hughes | Agent | Paraffinic Petroleum Distillate | | 742-55-8 | | 60% | | |
| NE 25 222 -1 | Delec | Nan | Petroleum Distillate | _ | 742-47-8 | | 60% | | |
| NE-35, 330 gl tote | Baker Hughes | Non- emulsifier | Mixture of Surfactants Propylene Glycol | _ | de Secret -55-6 | | 50% 30% | | |
| Sand, White, | Baker | Proppant | Crystalline Silica (Quartz) | _ | 808-60-7 | | 100% | 10.97161% | |
| 16/30 | Hughes | | 8 0 0 | | | | | | |
| Super LC, 16/30 | | Proppant | Hexamethylenetetramine | _ | | | 0.01% | 0.00027% | |
| | Hughes | ' | P/F Resin Silicon Dioxide (Silica Sand) | _ | 03-35-4 808-60-7 | | 5% 97% | 0.13328% 2.58571% | |
| InFlo 250G, 330 | Baker | Surfactant | Methanol | 67 | -56-1 | | 30% | 0.02598% | |
| gl tote | Hughes | 3 | Mixture of Surfactants | _ | ade Secret | | 50% | 0.0433% | |
| In aga dic -t- | | | Water | _ | 32-18-5 | | 30% | | |
| Ingredients shown above | | | Methanol | 6/- | -56-1 | | 0% | 6.01E-05% | |
| are subject to 29 CFR 1910 | | | Water | 77. | 32-18-5 | | 0% | 0.0443074% | |
| 18. I, as Operator, h | ereby cert | ify that the informati | on shown on this disclosure for | m is | true and compl | ete to the b | est of my k | nowledge and belief | |
| Signature: | Signed E | lectronically | Printed Name: Re | esa | R. Holland | Titl | e: Sr. Eng | ineering Tech | |
| Date: 1/24/2013 | | | | | | | | | |

E-mail Address: reesa.holland@apachecorp.com

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