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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. 30-015-40361 | | | | |
| | | 2. Well Name: G J WEST COOP UNIT #245 | | | | |
| | | 3. Well Number: 245 | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment | | 4. Surface Hole Location: Unit:A Lot:A Section:21 Township:17S Range:29E Feet from:990 N/S Line:N Feet from:330 E/W Line:E | | | | |
| | | 5. Bottom Hole Location: Unit:A Lot:A Section:21 Township:17S Range:29E Feet from:990 N/S Line:N Feet from:330 E/W Line:E | | | | |
| | | 6. latitude: longitude: 32.8246575280651 - 104.072328812068 | | | | |
| | | 7. County: Eddy | | | | |
| 8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701 | | 9. OGRID: 229137 | | 10. Phone Number: 432-685-4332 | | |
| 11. Last Fracture Date: 8/14/2012 Frac Performed by: Halliburton | | 12. Production Type: O | | | | |
| 13. Pool Code(s): 97558 | | 14. Gross Fractured Interval: 3,960 ft to 5,240 ft | | | | |
| 15. True Vertical Depth (TVD): 5,600 ft | | 16. Total Volume of Fluid Pumped: 11,817 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) |
| Fresh Water | Operator | | | | 100% | 84.03108% |
| HF Acid 12%/3% | Halliburton | | | | 100% | 1.97225% |
| Premium Brown 16/30 | Halliburton | | | | 100% | 11.39123% |
| CRC 16/30 | Halliburton | | | | 100% | 2.1405% |
| CAT-4 | Halliburton | Activator | Diethylenetriamine | 111-40-0 | 60% | 0.03095% |
| BE-7™ | Halliburton | Biocide | Sodium hydroxide | 1310-73-2 | 2% | 0.00109% |
| | | | Sodium hypochlorite | 7681-52-9 | 30% | 0.01638% |
| BC-140 X2 | Halliburton | Initiator | Ethylene glycol | 107-21-1 | 30% | 0.02042% |
| | | | Monoethanolamine borate | 26038-87-9 | 100% | 0.06806% |
| HpH BREAKER | Halliburton | Breaker | Sodium chloride | 7647-14-5 | 30% | 0.00028% |
| LoSurf-300D | Halliburton | Surfactant | 1,2,4 Trimethylbenzene | 95-63-6 | 1% | 0.00079% |
| | | | Ethanol | 64-17-5 | 60% | 0.04751% |
| | | | Heavy aromatic petroleum naphtha | 64742-94-5 | 30% | 0.02376% |
| | | | Naphthalene | 91-20-3 | 5% | 0.00396% |
| | | | Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched | 127087-87-0 | 5% | 0.00396% |
| SUPERSET W | Halliburton | Activator | Methanol | 67-56-1 | 60% | 0.03088% |
| | | | Ethoxylated Nonylphenol | Confidential Business Information | 60% | 0.03088% |
| OPTIFLO-HTE | Halliburton | Breaker | Crystalline silica, quartz | 14808-60-7 | 30% | 0.00128% |
| | | | Walnut hulls | Mixture | 100% | 0.00426% |
| K-35 | Halliburton | Buffer | Sodium carbonate | 497-19-8 | 100% | 0.00102% |
| WG-35 GELLING AGENT | Halliburton | Gelling Agent | Guar gum | 9000-30-0 | 100% | 0.15384% |
| 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: Chasity Jackson | | Title: Regulatory Analyst | | |
| Date: 11/1/2012 | | | | | | |
| E-mail Address: cjackson@conchoresources.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.