| Submit within 45 days of well c | thin 45 days of well completion State of New Mexico | | | | | | Revised November 6, 2013 | | | |
|---|---|------------|---|--|-----------------------------------|-----------------|---|---------------------------------------|--------------------------|----------------------------------|
| | | | | | | | 1. WELL API NO. 30-015-34280 | | | |
| | Energy, Minerals and Natural Resources | | | | | | 2. Well Name: | | | |
| Oil Conservation Division | | | | | | | BLACK MAGIC 6 COM #001 3. Well Number: | | | |
| | | | | | | | 001 | | | |
| 1220 S. St Francis Dr. | | | | | | | | | | |
| | | | San | ta Fe, NM 87 | 505 | | | | | |
| HYDRAULIC FR | ACTUR | ING FI | LIID | | | | 4. Surface Hole | | | |
| DISCLOSURE | | | | | | | | | ownship:25S /S Line:N | Range:26E |
| DISCLOSURE | | | | | | | | | /W Line:E | |
| ⊠ Original | | | | | | | | ocation: | 250 | D 265 |
| □ Amendment | | | | | | | | | ownship:25S /S Line:N | Range:26E |
| | | | | | | | Feet from:1250 |) E/ | /W Line:E | |
| | | | | | | | 6. latitude: | 63002 | ngitude: _104 | .3278351 |
| | | | | | | | 7. County: | 00002 | -104 | .0270001 |
| | | | | | | | Eddy | | | |
| Operator Name and Address: CIMAREX ENERGY CO. OF COLORADO | | | | | | | | 162683 10. Phone Number: 918-295-1763 | | |
| 202 S. Cheyenne Ave, Ste 1000 | | | | | | | | | | |
| Tulsa 74103 11. Last Fracture Date: 4/27/2017 Frac Performed by: Halliburton 12. Product | | | | | | | | <u> </u> | | |
| 10.0.10.11 | | | | | | G | | | | |
| 13. Pool Code(s): 84407, 97566, 982 | 21 | | | | | | ctured Interval: 396 ft to 10,098 f | it . | | |
| 15. True Vertical Depth (TVD): | | | | | | 16. Total Vol | olume of Fluid Pumped: | | | |
| 10,098 ft 17. Total Volume of Re-Use Water | | | | | 383,815 gals f Re-Use Water in | Eluid Bumpod: | | | | |
| N/A | er Fullipeu. | | | | | | Not Disclosed | | | |
| 19. HYDRAULIC FLUID | COMPOS | SITION A | ND CONCENTRA | ATION: | | | | | | |
| Trade Name | Supplier | | Purpose | Ingredients | (CAS #) Chemi Service # | ical Abstract | Maximum Ingree Concentration in | | Maximum In | gredient on in HF Fluid (% by |
| Fresh Weter | Oneretes | | Dana Fluid | Motor | | | mass) 100% | | mass) | |
| Fresh Water Cla-Web II | Operator Halliburto | n | Base Fluid Clay Stabilizer | Water Listed Below | 7732-18-5 Listed Below | 1 | 0% | | 86.25844% 0% | |
| FDP-S1176-15 | Halliburto | | Friction Reducer | Listed Below | Listed Below | | 0% | | | 0% |
| FDP-S1226-15 | Halliburto | | Surfactant | Listed Below | Listed Below | | | 0% | | 0% |
| MC B-8614 | Halliburto | n | Biocide | Listed Below | Listed Below | Listed Below | | 0% | | 0% |
| OptiKleen-WF | Halliburto | n | Concentrate | Listed Below | Listed Below | | | 0% | | 0% |
| Sand | Halliburto | | Proppant | Listed Below | Listed Below | | | 0% | | 0% |
| 15% HCL | Halliburton | | Solvent | Listed Below | Listed Below | | | 0% | | 0% |
| MSDS and Non-MSDS Ingredients are listed below | | | | | | | | 0% | | 0% |
| Ingredients | Listed Abo | ove | re Listed Above | 9-Octadecenamide, n,n-bis-2(hydroxy- ethyl)-,(Z) | 93-83-4 | | 5% | | | 0.00387% |
| | | | | Alcohols, C12-13, ethoxylated | 66455-14-9 | | | 30% | | 0.02652% |
| | | | | Alcohols, C12-16, ethoxylated | 68551-12-2 | | | 5% | | 0.00442% |
| | | | | Amine | Proprietary | | | 0.1% | | 2E-05% |
| | | | | Amine salts | Proprietary | | | 1% | | 0.00025% |
| | | | | Ammonium chloride | | | | 5% | | 0.00387% |
| | | | | Ammonium | Proprietary | | 30% | | | 0.00685% |
| | | | | compound Castor oil, | 61791-12-6 | | 5% | | | 0.00387% |
| | | | | ethoxylated | | | | | | |
| | | | | Chlorine compound | | | 30% | | | 0.00685% |
| | | | | Crystalline silica, quartz | 14808-60-7 | | | 100% | | 13.59191% |
| | | | | Ethanol | 64-17-5 | | | 1% | | 0.00022% |
| | | | | Ethylene oxide | 75-21-8 | | | 0.01% | | 1E-05% |
| | | | | Glutaraldehyde | 111-30-8 | | | 30% | | 0.00673% |
| | | | | Hdrotreated light | Proprietary | | | 100% | | 0.00102% |
| | | | | petrolem distillates Hydrochloric Acid | 7647-01-0 | | | 30% | | 0.02455% |
| | | | | Hydrotreated light petroleum distillate | 64742-47-8 | | | 30% | | 0.02323% |
| | | | | Methanol | 67-56-1 | _ | | 0.14% | | 3E-05% |
| | | | | Phosphoric acid | 7664-38-2 | | | 0.1% | | 2E-05% |
| | | | | Polyacrylate | Proprietary | | | 30% | | 0.02323% |
| | | | | Quaternary amine Quaternary | Proprietary 68424-85-1 | | + | 1% 5% | | 0.00046% 0.00112% |
| | | | | ammonium compounds, benzyl- C12-16- alkyldimethyl | 00424-03-1 | | | 370 | | 0.0011270 |
| | | | | chlorides Sobitan, mono-9- | 1338-43-8 | | 5% | | | 0.00387% |
| | | | | octadececenoate, (Z) | | | | | | |
| | | | | Sodium chloride | 7647-14-5 | | | 5% | | 0.0041% |
| | | | | Sodium perborate | 10486-00-7 | | | 100% | | 0.00452% |
| 20 L as Operator hands "" | that the infi | matica st- | n on this disala | tetrahydrate | host of multi | lodgo ond ber | <u> </u> | | <u> </u> | |
| 20. I, as Operator, hereby certify Signature: Signed El | | | n on this disclosure form nted Name: Skipper F | | Dest of my knowl | leage and belie | | Stimulation | | |
| Signed El | ectronically | Prii | med Name: SKIPPEL F | iennig | | | Manager Title: Operatio | Stimulation ns | | |

Date: 6/16/2017

E-mail Address: sherring@cimarex.com

MMOCD 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.