| Submit within 45 days of well com | npletion | State of New Mexico | | | | Revised February 15, 2012 | | | |
|--|------------------|---|---|--|----------------|---|--|---|--|
| | F., | Energy, Minerals and Natural Resources | | | | 1. WELL API NO. | | | |
| | Er | | | | 30-025-40391 | | | | |
| | | Oil Conservation Division 1220 S. St Francis Dr. | | | | 2. Well Name: RED HILLS WEST 21 FEDERAL COM #002H | | | |
| | | | | | | | | | |
| | | Santa Fe, NM 87505 | | | | 3. Well Number: 002H | | | |
| | | | | | | | | | |
| HYDRAULIC FRACTURING FLUID | | | | | | Surface Hole Location: Unit:C Lot:C Section:21 Township:26S Range:32E | | | |
| DISCLOSURE | | | | | | Feet from: 150 N/S Line: N | | | |
| □ Original | | | | | | 5. Bottom Hole Location: | | | |
| | | | | | | Unit:C Lot: Section:21 Township:26S Range:32E Feet from:344 N/S Line:S | | | |
| A ATTIETUS GISCOSGIE SUBTILLEGU OTI STI ZOTZ | | | | | | Feet from: 2277 E/W Line: W | | | |
| | | | | | | 6. latitude: longitude: | | | |
| | | | | | | 32.0351879885359 - 103.680972096086 | | | |
| | | | | | | 7. County: | | | |
| | | | | | | Lea | | | |
| 8. Operator Name and Address: | 0 | | | | 9. OGRID: | 14744 | 10. Phone Numb | er: 575-393-5905 | |
| MEWBOURNE OIL C Po Box 5270 | 0 | | | | | | | | |
| Hobbs 88241 | 19 | | | | | | | | |
| 11. Last Fracture Date: 4/5/2012 Frac Performed by: Halliburton 12. Producti | | | | | | n Type: | | | |
| 13. Pool Code(s): 14. Gross Fr | | | | | | actured Interval: | | | |
| 97838 15. True Vertical Depth (TVD): 16. To | | | | | | 8,925 ft to 8,945 ft /olume of Fluid Pumped: | | | |
| 8,935 ft | | | | | | ,264,262 gals | | | |
| 17. HYDRAULIC FLUID C | | | | | 40.00 | | and the same of th | | |
| 100000000000000000000000000000000000000 | Supplier | Purpose | Ingredients | (CAS #) Chemical Abstract Service # | | Maximum Ingre Concentration in mass) | n Additive (% by | Maximum Ingredient Concentration in HF Fluid (% I mass) | |
| | Operator | Base Fluid | Ethodana aboad | 107-21-1 | | | 100% 30% | 89.67899 | |
| BC-140 X2 | Halliburton | Initiator | Ethylene glycol Monoethanolamine | 26038-87-9 | | i i | 100% | 0.013499 | |
| F-27-31 | | 11.00 | borate | | | | | | |
| BE-9 | Halliburton | Biocide | Tributyl tetradecyl phosphonium chloride | 81741-28-8 | | | 10% | 0.002239 | |
| Clayfix 3 | Halliburton | Additive | Sodium chloride | 7647-14-5 | | 30% | | 0.009489 | |
| GasPerm 1100 F | Halliburton | Non-ionic Surfactant | Ethanol | 64-17-5 | | | 60% | 0.043589 | |
| | | A reconstitution in the | Terpenes and Terpenoids, sweet orange-oil | 68647-72-3 | | | 5% | 0.003639 | |
| | Halliburton | Breaker | Sodium chloride | 7647-14-5 | | 30% | | 0.000269 | |
| Cla-Sta XP | Halliburton | Clay Stabilizer | Polyepichlorohydrin, trimethl amine quaternized | 51838-31-4 | | 60% | | 0.018829 | |
| | Halliburton | Gelling Agent | guar gum | 9000-30-0 | | | 100% | 0.242399 | |
| 18. I, as Operator, hereby certify tha | a 1 17/ - 72 1 1 | | | best of my knowl | edge and belie | 1000 | - | 2 | |
| Signature: Signed Elec | tronically | Printed Name: NM Young |) | | | Title: Manage | er | | |
| Date: 10/24/2013 | | <u>2</u> 0 | | | | | | | |
| E-mail Address: myoung@m | newbourne.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.