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|--|---|--|--------------------------------|---|--|--|
| Submit within 45 days of well completion   | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><b>Oil Conservation Division</b><br><b>1220 S. St Francis Dr.</b><br><b>Santa Fe, NM 87505</b> | Revised February 15, 2012  |                                |   |  |  |
| <b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b><br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment         |   | 1. WELL API NO:<br>30-015-36776  |                                |   |  |  |
|  |   | 2. Well Name:<br>PATRON 23 FEDERAL #001H   |                                |   |  |  |
|  |   | 3. Well Number:<br>001H  |                                |   |  |  |
|  |   | 4. Surface Hole Location:<br>Unit: Lot:D Section:23 Township:25S Range:29E<br>Feet from:990 N/S Line:N<br>Feet from:560 E/W Line:W |                                |   |  |  |
|  |   | 5. Bottom Hole Location:<br>Unit:M Lot:M Section:23 Township:25S Range:29E<br>Feet from:335 N/S Line:S<br>Feet from:757 E/W Line:W |                                |   |  |  |
|  |   | 6. latitude: 32.120048671032 longitude: - 103.961925793681   |                                |   |  |  |
|  |   | 7. County:<br>Eddy   |                                |   |  |  |
| 8. Operator Name and Address:<br>COG PRODUCTION, LLC<br>550 W. Texas Avenue, Suite 100<br>Midland 79701  |   | 9. OGRID:<br>217955  |                                |   |  |  |
|  |   | 10. Phone Number:<br>432-685-4372  |                                |   |  |  |
| 11. Last Fracture Date: 8/3/2012    Frac Performed by: Baker Hughes  |   | 12. Production Type:<br>O  |                                |   |  |  |
| 13. Pool Code(s):<br>96238   |   | 14. Gross Fractured Interval:<br>7,745 ft to 11,430 ft   |                                |   |  |  |
| 15. True Vertical Depth (TVD):<br>7,741 ft   |   | 16. Total Volume of Fluid Pumped:<br>28 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) |
| Scaletrol 720  | Baker Hughes  | Scale Inhibitor  | Ethylene Glycol                | 107-21-1                                  | 30%  | 19.6308233%  |
|  |   |  | Calcium Chloride               | 10043-52-4                                | 5%   | 3.2718039%   |
| Parasorb 500   | Baker Hughes  | Paraffin Inhibitor   | Calcined Diatomaceous Earth    | 91053-39-3                                | 65%  | 16.2446801%  |
|  |   |  | White Mineral Oil              | 8042-47-5                                 | 30%  | 7.4975447%   |
|  |   |  | Proprietary Paraffin Inhibitor | Trade Secret                              | 25%  | 6.2479539%   |
|  |   |  | Silica, Crystalline-Quartz     | 14808-60-7                                | 5%   | 1.2495908%   |
| 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: <u>Signed Electronically</u>  |   | Printed Name: <u>Monti Sanders</u>   |                                | Permitting / ROW Title: <u>Technician</u> |  |  |
| Date: <u>8/16/2012</u>   |   |  |                                |   |  |  |
| E-mail Address: <u>msanders@concho.com</u>   |   |  |                                |   |  |  |

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