| Submit within 45 d | ays of | State of New Mexico | | | Revised February 15, 2012 | | | | |
|---|---------------------------|---|--|-------|---|------------------------------------|-------------|---|--|
| well completion | | Energy, Minerals and | | | 1. WELL API NO. | | | | |
| | | | | | 30-015-40710 | | | | |
| | | Natural Resources Oil Conservation Division | | | 2. Well Name: POKER LAKE UNIT #423H | | | | |
| 1220 S. St Francis Dr. Santa Fe, NM 87505 | | | | | 3. Well Number: | | | | |
| | | | | | 423H 4. Surface Hole Location: | | | | |
| HYDRAULIC FRACTURING FLUID DISCLOSURE | | | | | Unit: Lot: Section: 19 Township: 258 Range: 30E Feet from: 1750 N/S Line: S | | | | |
| ⊠ Original | | | | | Feet from: 880 E/W Line: E | | | | |
| □ Amendment | | | | | | | | 25S Range:30E | |
| | | | | | Feet from: 1750 | | N/S Line:S | | |
| | | | | | Feet from:880 6. latitude: | 1 | E/W Line: | E ngitude: | |
| | | | | | 11503 | 11304203 | 18465 | | |
| | - | 7. County: | | 1(| 03.91495470502 | | | | |
| | | Eddy | | | | | | | |
| 8. Operator Name and Address: | | | | | 9. OGRID: 10. Phone Num | | | e Number: | |
| BOPCO, L.P. | | | | | 26 | 0737 | | 432-683-2277 | |
| 6 Desta Drive, Ste 3700 P. O. Box 2760 | | | | | 147 600 | | | | |
| P. O. Box 2760 Midland 79702 | | | | | | | | | |
| 11. Last Fracture Date: 4/10/2013 Frac Performed by: Baker Hughes | | | | | 12. Production Type: | | | | |
| 13. Pool Code(s): | | | | | 14. Gross Fractured Interval: | | | | |
| 96620 15. True Vertical Depth (TVD): | | | | | Confidential 16. Total Volume of Fluid Pumped: | | | | |
| 7,392 ft | | | ,809 bbls | sped. | | | | | |
| 17. HYDRAULIC F | | | CONCENTRATION: | ICC | S #) Chemical | Maximum | | Maximum | |
| Trade Name | Supplier | Purpose | Ingredients | | stract Service | Ingredient | | Ingredient | |
| | | | | | | Concentration in Additive (% by | | Concentration in HF Fluid (% by | |
| | | | | 77 | 20.40.5 | mass) | 100 A | mass) | |
| Water Superset-U, tote | Operato Baker | r Carrier Activator | Water Denatured Ethanol | _ | 32-18-5 ·17-5 | 101811 | 100% 45% | 75.00622% 0.03268% | |
| | Hughes | / icuvator | Di (Ethylene Glycol) Ethyl | | 2-15-2 | | 55% | 0.03995% | |
| | | | Ether Acetate | | | | | | |
| GBW-5 | Baker Hughes | Breaker | Ammonium Phosphate | 77: | 27-54-0 | | 100% | 0.00022% | |
| Enzyme G-I | Baker Hughes | Breaker | Hemicellulase Enzyme | 902 | 25-56-3 | | 3% | 0.00123% | |
| | | - A | Concentrate | | | | 200000 | 200000000000000000000000000000000000000 | |
| High Perm CRB | | Breaker | Water Ammonium Persulphate | _ | 32-18-5 27-54-0 | | 97% 60% | 0.03973% | |
| migii Fellii CRB | Hughes | | Crystalline Silica Quartz | | 27-54-0 308-60-7 | | 30% | 0.00297% | |
| ClayCare, tote | Baker | Clay | Choline Chloride | 67- | 48-1 | | 75% | 0.12146% | |
| XLW-10A | Hughes Baker Hughes | Control | Water | _ | 32-18-5 | | 30% | 0.04858% | |
| | | Crosslinker | Ethylene Glycol Sodium Hydroxide | _ | 7-21-1 10-73-2 | | 30% 10% | 0.07796% | |
| | | | Sodium Hydroxide Sodium Tetraborate | | 10-73-2 30-43-4 | | 30% | | |
| GW-4LDF | Baker Hughes | Gelling | Guar Gum | | 00-30-0 | | 60% | 0.70014% | |
| | | | Paraffinic Petroleum | 64 | 742-55-8 | | 60% | 0.70014% | |
| | | | Distillate Petroleum Distillate | 64 | 742-47-8 | | 60% | 0.70014% | |
| NE-945, tote | Baker | Non- | Oxyalkylated alcohol | _ | de Secret | | 5% | 0.00806% | |
| 120 | Hughes | emulsifier | Ri City | | | | | | |
| Sand, Brown, 16/30 | Baker Hughes | Proppant | Crystalline Silica (Quartz) | 148 | 808-60-7 | | 100% | 17.98324% | |
| Super LC, 16/30 | | Proppant | Hexamethylenetetramine | 100 | 09-7-0 | | 0.01% | 0.00041% | |
| | Hughes | | P/F Resin | _ | 03-35-4 | | 5% | 0.20699% | |
| | | | Silicon Dioxide (Silica | 148 | 308-60-7 | | 97% | 4.01564% | |
| Ingredients | | | Sand) Alkoxylated Amine | Tra | ide Secret | | 0% | 0.0161279% | |
| shown above | | | Alkylene Oxide Block | | de Secret | | 0% | 0.0183858% | |
| are subject to 29 | | | Polymer | | | | | | |
| CFR 1910 | | | Antifoam Cured Applie Regin | _ | de Secret | | 0% | 3.23E-05% | |
| | | | Cured Acrylic Resin Organic Sulfonic Acid | _ | ide Secret 176-87-0 | | 0% 0% | 0.0014844% 0.0003226% | |
| | | | Polyglycol | _ | 322-68-3 | | 0% | 0.0033220% | |
| | | | Polyquaternary Amine | Tra | de Secret | | 0% | 0.0019353% | |
| 40.1 - 0 | | | Water | | 32-18-5 | -1-1-2 | 0% | 0.1674473% | |
| 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: Emma Z Galindo Title: Engineering Assistant | | | | | | | | | |
| | 5/1/2013 ezgalindo | @basspet.com | | | | | | | |
| | | | n havend MCDC data as 1 | ibe c | i= 20 CED 404 | 0.4200 12 | IOCD | net recuire the | |
| | | | on beyond MSDS data as descr confidential business informat | | In 29 CFR 191 | u.1200. NM | OCD does | not require the | |

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