

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: 30-015-41246				
		2. Well Name: POKER LAKE UNIT #428H				
		3. Well Number: 428H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:34 Township:24S Range:30E Feet from:850 N/S Line:N Feet from:2225 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:34 Township:24S Range:30E Feet from:850 N/S Line:N Feet from:2225 E/W Line:W				
		6. latitude: longitude: 32.1792472078016 - 103.870313872983				
		7. County: Eddy				
8. Operator Name and Address: BOPCO, L.P. 6 Desta Drive, Ste 3700 P. O. Box 2760 Midland 79702		9. OGRID: 260737	10. Phone Number: 432-683-2277			
11. Last Fracture Date: 9/18/2013 Frac Performed by: BHI		12. Production Type: O				
13. Pool Code(s): 47545		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 7,642 ft		16. Total Volume of Fluid Pumped: 2,241,792 gals				
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)
Water	Operator	Carrier	Water	7732-18-5	100%	97.5219%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.17401%
			Water	7732-18-5	85%	0.98608%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.02054%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.0017%
Cl-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00017%
			Methanol	67-56-1	100%	0.00174%
			Olefin	Trade Secret	5%	9E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00052%
			Propargyl Alcohol	107-19-7	5%	9E-05%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.0362%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.1417%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.16532%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.16532%
			Petroleum Distillate Blend (2)	64742-55-8	70%	0.16532%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.0033%
			Ammonium Hydroxide	1336-21-6	5%	0.00017%
			Cupric Chloride	7447-39-4	5%	0.00017%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00031%
LiteProp 125C, 14/30, 2000# bag	Baker Hughes	Proppant	Cured Resin	Trade Secret	18%	0.15965%
Preferred Garnet RC 20/40	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.01144%
			Crystalline Silica (Quartz)	14808-60-7	100%	0.22884%
Saltrol 7008	Baker Hughes	Salt Inhibitor	Ammonium Chloride	12125-02-9	30%	0.01706%
			Nitritotriacetamide	4862-18-4	30%	0.01706%
			Nitritotriacetic Acid	139-13-9	1.5%	0.00085%
			Nitritotriacetoneitrile	7327-60-8	5%	0.00284%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01595%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	1.02E-05%
			Ethoxylated Alcohol	Trade Secret	0%	0.0024134%
			Ethoxylated Nonylphenol	9016-45-9	0%	5.11E-05%
			Formaldehyde	50-00-0	0%	1.74E-05%
			Glutaraldehyde	111-30-8	0%	0.0082144%
			Glycol Ether	Trade Secret	0%	5.11E-05%
			Hydrochloric Acid	7647-01-0	0%	1.74E-05%
			Methanol	67-56-1	0%	6.85E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0001218%
			Olefin Sulfonate	Trade Secret	0%	0.0006127%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0362008%
			Polyester	Trade Secret	0%	0.0001532%
			Quaternary Amine Compounds	Trade Secret	0%	0.0003064%
			Salt	Trade Secret	0%	0.0060335%
			Sodium Chloride	7647-14-5	0%	0.011964%
			Sorbitan Monooleate	Trade Secret	0%	0.0060335%
			Water	7732-18-5	0%	0.0893796%
			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: Rosie Cobos	Title: Engineering Tech	
Date: 10/10/2013						
E-mail Address: rcobos@basspet.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.