

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: 30-015-39795				
		2. Well Name: POKER LAKE UNIT #420				
		3. Well Number: 420				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:28 Township:25S Range:31E Feet from:700 N/S Line:S Feet from:1300 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:28 Township:25S Range:31E Feet from:700 N/S Line:S Feet from:1300 E/W Line:E				
		6. latitude: longitude: 32.0959413285437 - 103.778833268294				
		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: 10/2/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 5690		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 8,077 ft		16. Total Volume of Fluid Pumped: 43,984 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)
BC-140 X2	Halliburton	Initiator	Ethylene glycol Monoethanolamine borate	107-21-1 26038-87-9	30% 100%	4.15772% 13.85907%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	1.65503%
FDP-S1041-12	Halliburton	Surfactant	Poly(oxy-1, 2-ethanediyl), alpha-isodecyl-omega-hydroxy Complex alkylamine	61827-42-7	10%	1.06332%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30% 30%	3.18997% 3.16011%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	2.33114%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid Ammonium acetate	64-19-7 631-61-8	30% 100%	1.17256% 3.90854%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz Walnut hulls	14808-60-7 Mixture	30% 100%	0.3417% 1.13899%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate Crystalline silica, quartz	7727-54-0 14808-60-7	100% 30%	1.62714% 0.48814%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	2.02036%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	44.6391%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.55933%
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethoxylated Nonylphenol	Confidential Business Information	0%	0%
			Modified Bentonite	Confidential Business Information	0%	0%
			Polyacrylamide Copolymer	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium Chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
		Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%	
		Tall oil acid diethanolamide	68155-20-4	0%	0%	
		Water	7732-18-5	0%	0%	
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		
Date: 11/27/2012						
E-mail Address: ezglindo@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.