

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. 30-015-38114				
		2. Well Name: JAMES RANCH UNIT #109H				
		3. Well Number: 109H				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:I Lot:I Section:1 Township:23S Range:30E Feet from:2310 N/S Line:S Feet from:530 E/W Line:E				
		5. Bottom Hole Location: Unit:I Lot:I Section:1 Township:23S Range:30E Feet from:2310 N/S Line:S Feet from:530 E/W Line:E				
		6. latitude: longitude: 32.3331227624519 - 103.827350388627				
		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: 2/16/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 50443		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 7,678 ft		16. Total Volume of Fluid Pumped: 46,857 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)
Fresh Water	Operator				100%	84.76038%
100 Mesh	Halliburton				100%	0.24788%
Premium White 16/30	Halliburton				100%	12.95881%
CRC 16/30	Halliburton				100%	1.47254%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01265%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.0007%
			Ethanol	64-17-5	60%	0.04209%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02105%
			Naphthalene	91-20-3	5%	0.00351%
			Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00351%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.00913%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01908%
			Monoethanolamine borate	26038-87-9	100%	0.06359%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.0191%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.0191%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00676%
			Ammonium acetate	631-61-8	100%	0.02252%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00412%
			Walnut hulls	Mixture	100%	0.01374%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.01472%
			Crystalline silica, quartz	14808-60-7	30%	0.00442%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00284%
WG-26 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.28946%
					0%	0%
					0%	0%
					0%	0%
					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: Sandra Belt		Title: Sr. Regulatory Clerk		
Date: 10/2/2012						
E-mail Address: sjbelt@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.