

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: 30-015-40877							
		2. Well Name: RDX FEDERAL 10 #002							
		3. Well Number: 002							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:L Lot:L Section:10 Township:26S Range:30E Feet from:2310 N/S Line:S Feet from:580 E/W Line:W							
		5. Bottom Hole Location: Unit:L Lot:L Section:10 Township:26S Range:30E Feet from:2310 N/S Line:S Feet from:580 E/W Line:W							
		6. latitude: longitude: 32.0562683292819 - 103.875834591123							
		7. County: Eddy							
8. Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC 210 PARK AVENUE SUITE 900 OKLAHOMA CITY 73102		9. OGRID: 246289		10. Phone Number: 405-949-2221					
11. Last Fracture Date: 5/9/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 8090		14. Gross Fractured Interval: 5,722 ft to 7,440 ft							
15. True Vertical Depth (TVD): 7,574 ft		16. Total Volume of Fluid Pumped: 14,563 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%	84.06784%			
HYDROCHLORIC ACID 10-30%	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	0.47923%			
Premium White 16/30	Halliburton	Proppant			100%	9.78259%			
CRC 16/30	Halliburton	Proppant			100%	4.05096%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00311%			
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02301%			
LOSURF-360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	10%			
			Glycerine	56-81-5	10%	5%			
			Complex alkylamine		5%	1%			
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.0151%			
			Ammonium acetate	631-61-8	100%	0.05035%			
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.03577%			
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00022%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02413%			
			Monoethanolamine borate	26038-87-9	100%	0.08045%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.03724%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.03724%			
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8	100%	0.00081%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17487%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00119%			
			Walnut hulls	Mixture	100%	0.00398%			
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02272%			
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%			
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%			
			Amine Salts	75-57-0	0%	0%			
			Amine Salts	593-81-7	0%	0%			
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Calcium chloride	10043-52-4	0%	0%			
			Crystalline Silica, Quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Mixture	0%	0%			
			Cured Acrylic Resin	9002-98-6	0%	0%			
			Enzyme	37288-54-3	0%	0%			
			Enzyme	9025-56-3	0%	0%			
			Quaternary Amine	34004-36-9	0%	0%			
			Quaternary Amine	3327-22-8	0%	0%			
			Quaternary Amine	75-50-3	0%	0%			
			Silica gel	112926-00-8	0%	0%			
			Sodium Chloride	7647-14-5	0%	0%			
			Surfactant Mixture	67254-71-1	0%	0%			
			Surfactant Mixture	56449-46-8	0%	0%			
			Water	7732-18-5	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: ROBYN LAMPLEY		Title: OPS ADMINISTRATOR		
			Date: 5/30/2013						
			E-mail Address: rlampley@rkixp.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.