

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: 30-015-39958				
		2. Well Name: RDX 16 #014H				
		3. Well Number: 014H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:16 Township:26S Range:30E Feet from:330 N/S Line:N Feet from:1650 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:16 Township:26S Range:30E Feet from:330 N/S Line:N Feet from:1650 E/W Line:W				
		6. Latitude: 32.0489714772005 Longitude: -103.889553967129				
		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: 5/20/2013 Frac Performed by: Weatherford		12. Production Type: O				
13. Pool Code(s): 8090		14. Gross Fractured Interval: 8,503 ft to 11,879 ft				
15. True Vertical Depth (TVD): 7,627 ft		16. Total Volume of Fluid Pumped: 76,968 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	Carrier	Water		100%	88.94%
Premium Sand 40/70 (2.63 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100%	5.75%
Super LC 20/40 (2.51 sg)	WFT	Proppant	Crystalline Silica (Quartz)	14808-60-7	72.98%	1.01%
			Formaldehyde	50-00-0	0.01%	0%
			Hexamethylenetetramine	100-97-0	1%	0.01%
			Hydrated Aluminum Silicate	1332-58-7	5%	0.07%
			Iron Oxide (fume)	1309-37-1	15%	0.21%
			Phenol	108-95-2	0.01%	0%
			Phenol-Formaldehyde Resin	9003-35-4	6%	0.08%
100 Mesh Sand	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100%	2.08%
WBK-133	WFT	Breaker	Ammonium Persulfate	7727-54-0	100%	0%
WBK-134	WFT	Breaker	Ammonium Persulfate	7727-54-0	75%	0%
Superset W	Santrol	Activator	Methanol	67-56-1	50%	0.03%
			Poly(oxyethylene) nonylphenol ether	9016-45-9	50%	0.03%
Bio-ClearA® 5000	WFT	Bactericide	2,2-dibromo-3-nitritopropionamide	10222-01-2	5%	0%
WXL-100L	WFT	Crosslink Control	Polyethylene Glycol	25322-68-3	50%	0.01%
			Ethylene Glycol	107-21-1	40%	0.02%
WGA-15L	WFT	Gelling Agents	Petroleum Distillates	64742-47-8	60%	0.28%
WAI-251LC	WFT	Inhibitor	1-Decanol	112-30-1	5%	0%
			1-Octanol	111-87-5	5%	0%
			2-Butoxyethanol	111-76-2	10%	0%
			Ethoxylated Nonylphenol	68412-54-4	5%	0%
			Ethylene Glycol	111-76-2	40%	0.01%
			Isopropyl Alcohol	67-63-0	5%	0%
			N,N-Dimethylformamide	68-12-2	20%	0%
			Tar bases, quinoline derivs. benzyl chloride-quaternized	72480-70-7	10%	0%
			Triethylphosphate	78-40-0	5%	0%
			WSI-671L	WFT	Inhibitor	Ammonium Chloride
WIC-641L	WFT	Iron Control	Citric acid	77-92-9	60%	0.02%
WPB-584L	WFT	ph Adjusting Agents	Potassium Carbonate	584-08-7	40%	0.05%
WNE-363L	WFT	Surfactant	Potassium Hydroxide	1310-58-3	20%	0.02%
			2-Ethylhexanol	104-76-7	7%	0%
			DB-964	9003-11-6	30%	0.01%
			Dodecylbenzenesulfonic acid, monoethanolamine salt	26836-07-7	15%	0.01%
			Poly(oxy-1,2-ethanediy), a-isotridecyl-w-hydroxy-	9043-30-5	5%	0%
15% HCL	WFT	Acid	Hydrochloric Acid	7647-01-0	15%	0.13%
Ingredients shown above are subject to 29 CFR 1910			2-Butoxyethanol	111-76-2	0%	0.0047%
			Acetaldehyde	75-07-0	0%	0.0002%
			Alcohol Ethoxylate	Mixture	0%	0.0047%
			Alcohols, C12-16, Ethoxylated	68551-12-2	0%	0.0047%
			Amines, polyethylenepoly-, ethoxylated, phosphonomethylated	68966-36-9	0%	0.0232%
			Arlacel 83	8007-43-0	0%	0.0047%
			Choline Chloride	67-48-1	0%	0.0685%
			Cinnamaldehyde	104-55-2	0%	0.0011%
			Crystalline Silica in the form of Quartz	14808-60-7	0%	0.0047%
			Deionized Water	7732-18-5	0%	0.0101%
			Dioxane	123-91-1	0%	0.0002%
			Ethanolamine Borate	68425-67-2	0%	0.0245%
			Ethylene Oxide	75-21-8	0%	0.0002%
			Guar gum	9000-30-0	0%	0.2336%
			No ingredients as hazardous according to OSHA 29 CFR 1910.1200		0%	0%
			Proprietary Ingredient	Proprietary	0%	0.0236%
			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: 6/4/2013			
			E-mail Address: rlampley@rkxp.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.