

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO: 30-015-43634				
		2. Well Name: RDX FEDERAL COM 17 #040H				
		3. Well Number: 040H				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:A    Lot:A    Section:17    Township:26S    Range:30E Feet from:175    N/S Line:N Feet from:1310    E/W Line:E				
		5. Bottom Hole Location: Unit:P    Lot:    Section:17    Township:26S    Range:30E Feet from:330    N/S Line:S Feet from:404    E/W Line:E				
		6. latitude:    longitude: 32.0497496    -103.8944044				
		7. County: Eddy				
8. Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC 3500 One Williams Center Tulsa 74172		9. OGRID: 246289	10. Phone Number: 539-573-5278			
11. Last Fracture Date:    6/27/2016    Frac Performed by:    RockPile		12. Production Type: G				
13. Pool Code(s): 97136		14. Gross Fractured Interval: 15,135 ft to 15,347 ft				
15. True Vertical Depth (TVD): 10,852 ft		16. Total Volume of Fluid Pumped: 547,270 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. 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	RKI	Carrier/Base Fluid	Water	7732-18-5	100%	89.3849283%
Sand	Preferred Sands	Proppant	Silica Substrate	14808-60-7	100%	9.8884846%
Hydrochloric Acid (15%)	Roywell Services	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.0417762%
GelBrake 200	Innospec Oilfield Services	Gel Degrading Agent	Ammonium Persulfate	7727-54-0	75%	0.0002202%
			Cured Acrylic Resin	N/A	16%	4.7E-05%
			Talc	14807-96-6	2%	5.9E-06%
			Silica, Crystalline-Quartz	14808-60-7	10%	2.94E-05%
ClayBrake 220	Innospec Oilfield Services	Clay Stabilizer	Choline Chloride	67-48-1	50%	0.0414264%
			Magnesium Chloride	7791-18-6	30%	0.0248558%
HiRate 605	Innospec Oilfield Services	Anionic Friction Reducer	Petroleum Distillates, Hydrotreated Light	64742-47-8	30%	0.0103877%
			Alcohols (C10-16), Ethoxylated	68002-97-1	1.3%	0.0004501%
			Alcohols (C12-14), Ethoxylated	68439-50-9	1.3%	0.0004501%
			Alcohols (C12-16), Ethoxylated	68551-12-2	1.3%	0.0004501%
MicroBreak GQ 123	Innospec Oilfield Services	Biocide	n-Alkyl (80%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chloride (32% active)	68424-85-1	1.3%	0.0003434%
			Didecyl dimethyl ammonium chloride (48% active)	7173-51-5	1.9%	0.0005018%
			Glutaraldehyde	111-30-8	13.1%	0.00346%
			Ethanol	64-17-5	0.8%	0.0001981%
			Water	7732-18-5	83%	0.0219219%
ScaleCease 7001	Innospec Oilfield Services	Phosphonate Scale inhibitor	Sodium Phosphonate	Proprietary	15%	0.0023152%
LFC G4	Innospec Oilfield Services	Guar Slurry	Solvent naphtha, (petroleum) heavy aliphatic	64742-96-7	60%	0.0758303%
N/A		Other Chemicals	Water	7732-18-5	0%	0.0887851%
			Guar Gum	9000-30-0	0%	0.0582436%
			Acrylamide P/W acrylic acid, ammonium salt	Proprietary	0%	0.0097109%
			Organophilic Clay	Proprietary	0%	0.0025318%
			Proprietary surfactant	Proprietary	0%	0.0013873%
			Sodium Hydroxide	1310-73-2	0%	0.0008194%
			Propylene Carbonate	108-32-7	0%	0.0004431%
			Alcohols, Ethoxylated	Proprietary	0%	0.0002279%
			Ammonium Acrylate	10604-69-0	0%	0.0001734%
			Acrylamide	79-06-1	0%	1.73E-05%
20. 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:    Kathy Rondeau		Title:    Engineering Technician		
Date:    8/18/2016						
E-mail Address:    kathy.rondeau@wpxenergy.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.