Energy, Minerals and Natural Resources	Submit within 45 days of well co	ompletion	State of New Mexico				Revised November 6, 2013				
Amendment											
## Table Process   Proces	Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 HYDRAULIC FRACTURING FLUID						2. Well Name: EAST PECOS FEDERAL COM 22 #014H  3. Well Number: 014H  4. Surface Hole Location: Unit:P Lot:P Section:22 Township:26S Range:29E Feet from:310 N/S Line:S				
## HYDRAULIC FRACTURING FLUID    Second											
DISCLOSURE											
Content Name and Agricus   Section Plant											
Amendment									/W Line:E		
2. Operator Name and Addresses   Foundation   Foundatio							Feet from:232 Feet from:672	N E	I/S Line:N I/W Line:E	Range:29E	
RIKE EXPLICATION & PRODUCTION, LLC   2500 One Williams Center   1.1 Last Frazira Data   3000 One Williams Center   1.1 Last Frazira Data   1.1 Last Propose   1.1 Last Frazira Data   1.1 Last Propose   1.1							32.02 7. County:			.9667689	
RIKE EXPLICATION & PRODUCTION, LLC   2500 One Williams Center   1.1 Last Frazira Data   3000 One Williams Center   1.1 Last Frazira Data   1.1 Last Propose   1.1 Last Frazira Data   1.1 Last Propose   1.1	0						0.40000			200 570 5070	
13. Perol Code(a)   14. Gines Fractured Interval:   15.02 ft to 15.712 ft   17.028 ft to 15.71	RKI EXPLORATIO 3500 One Williams		LC			9. OGRID:	246289	10. Phone Numb	er: 5	39-573-5278	
18. Froiz Cesselon:   7. Str. Ture Version Depth (TVD):   11,034 ft   11,032 ft   15,172											
15. True Verbinated Depth (TVD):   11.034   1.034 Verbinate of Philad Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Re-Use Water in Plus Pumpace   17. Total Volume of Plus							oss Fractured Interval:				
17. Total Volume of Re-Use Water Fumped:   18. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   17. Total Marine	15. True Vertical Depth (TVD):										
No.						7,624,843 gals					
Maximum Ingredient   Service   Purpose   Ingredients   Service	N/A		UD 001105155	1011							
Mater							Concentration in		Concentration		
Hydrochloric Acid (15%)   Roywell Services   Acidizing   Hydrochloric Acid   7647-01-0   15%   0.0     Clay Stabilizer   Choline Childride   774-8-1   50%   0.0     MicroBreak GQ 123   Innospec Oilfield   Services   Blocide   Innospec Oilfield   Services   Innospec Oilfield   Services   Innospec Oilfield   Services   Innospec Oilfield   Services   Innospec Oilfield   Amnonium chloride (48% active)   Innospec Oilfield   Services   Innospec Oilfield   Amnonium chloride (48% active)   Innospec Oilfield   Services   Innospec Oilfield   Amnonium chloride (48% active)   Innospec Oilfield   Innospec Oilfield	Water	RKI	Carrier/Base Fluid	Water			massj	100%	massj	87.4227788%	
Clay Brake 220   Services   Ser							7			11.6652013%	
Magnesium Chloride   791-13-6   30%   0.0					67-48-1 7791-18-6					0.0621223% 0.0505378%	
Services   40%C12, 10%C16   dimethyl benzyl ammonlum chloride (32% active)   Didecyl dimethyl benzyl ammonlum chloride (43% active)   Didecyl dimethyl active (43% a	OlayDiane ZZU		Glay Stabilizer							0.0303227%	
Ammonium chloride   Alfa% active   Glutaraldehyde   Ethanol   G4-17-5   0.8%   0.0	MicroBreak GQ 123		Biocide	40%C12, 10%C16) dimethyl benzyl ammonium chloride			1.3%			0.0003077%	
Ethanol				ammonium chloride (48% active)				1111111		0.0004497%	
Mater   7732-18-5   83%   0   Care										0.0031003%	
Services   Persulfate   Talc										0.019643%	
Silica, Crystalline-Quartz   14808-60-7   10%	GelBrake 200		Gel Degrading Agent	Persulfate				1000		0.0003297%	
Reducer				Silica, Crystalline-						8.8E-06% 4.4E-05%	
Ethoxylated   Alcohols (C12-14),   68439-50-9   1.3%   C1	HiRate 605			Hydrotreated Light				Add to the		0.0125307%	
Ethoxylated   Alcohols (C12-16),   68551-12-2   1.3%   C				Ethoxylated							
Ethoxylated   Scale Cease 7001   Innospec Oilfield   Services   Sodium   Phosphonate   Scale   Innospec Oilfield   Services   Sodium   Phosphonate   Proprietary   15%   Company   Color   C				Ethoxylated				3.000	•	0.000543%	
Services   Inhibitor   Phosphonate   Services   Innospec Oilfield   Guar Slurry   Solvent naphtha, (petroleum) heavy aliphatic				Ethoxylated							
Services   (petroleum) heavy aliphatic   Petroleum Distillates,   64742-47-8   100%   0.	ScaleCease /001									0.003115%	
N/A   Other Chemicals   Water   7732-18-5   0%   0.	LFC G4		Guar Slurry	(petroleum) heavy	64742-96-7		60%			0.0741102%	
Guar Gum   9000-30-0   0%   0.     Acrylamide P/W   acrylic acid, ammonium salt     Organophilic Clay   Proprietary   0%   0.     Proprietary   Proprietary   0%   0.     Proprietary   Proprietary   0%   0.     Sodium Hydroxide   1310-73-2   0%   0.     Propylene Carbonate   108-32-7   0%   0.     Alcohols,   Proprietary   0%   0.			Distillate	Petroleum Distillates, Hydrotreated Light					1	0.0023023%	
Acrylamide P/W acrylic acid, ammonium salt         Proprietary         0%         0.           Organophilic Clay Proprietary         Proprietary         0%         0.           Proprietary surfactant         Proprietary         0%         0.           Sodium Hydroxide Propylene Carbonate I08-32-7         0%         0.           Alcohols, Proprietary         0%         0.	N/A	1. 8 (1.1)	Other Chemicals				+			0.1098151% 0.0569351%	
Organophilic Clay         Proprietary         0%         0.           Proprietary surfactant         Proprietary         0%         0.           Sodium Hydroxide         1310-73-2         0%         0.           Propylene Carbonate         108-32-7         0%         0.           Alcohols,         Proprietary         0%         0.				Acrylamide P/W acrylic acid,						0.0117169%	
surfactant         Sodium Hydroxide         1310-73-2         0%         0.           Propylene Carbonate         108-32-7         0%         0.           Alcohols,         Proprietary         0%         0.				Organophilic Clay					1	0.0024749%	
Sodium Hydroxide         1310-73-2         0%         0.           Propylene Carbonate         108-32-7         0%         0.           Alcohols,         Proprietary         0%         0.					Proprietary			0%		0.0016738%	
Propylene Carbonate         108-32-7         0%         0.           Alcohols,         Proprietary         0%         0.					1310-73-2			0%		0.0011027%	
LUIDAVIGIGU				Propylene Carbonate Alcohols,						0.0004331% 0.0002227%	
					10604-69-0			0%		0.0002092%	
									1	7.05E-05% 2.09E-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

Signed Electronically

9/1/2016

Printed Name: Kathy Rondeau

E-mail Address: kathy.rondeau@wpxenergy.com

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Title: Engineering Technician