	rell completion	State	of New Mex	ico		1. WELL API NO		Revised N	November 6, 2013	
							30-025-43452			
Energy, Minerals and Natural Resources Oil Conservation Division						Well Name: K2 18 STATE #001H Well Number:				
		Santa	a Fe, NM 875	005						
HYDRAULIC	FRACTURING	G FLUID				4. Surface Hole I			D 225	
DISCLOSURE	E					Unit:P Lot:P Feet from:120 Feet from:440	N	Fownship:09S N/S Line:S E/W Line:E	Range:33E	
Original						5. Bottom Hole L	ocation:		- 005	
□ Amendment						Unit:P Lot:P Feet from:120 Feet from:440	N	Fownship:09S N/S Line:S E/W Line:E	Range:33E	
						6. latitude:		ongitude:	000400	
						7. County:	26158	-103.	600129	
						Lea				
Operator Name and Addre	ess:				9. OGRID:	371115	10. Phone Numb	per: 7	13-351-0549	
ROCKCLIFF OF 1301 McKinney Suite 1300 Houston 77010		XICO LLC								
11. Last Fracture Date: 3/17/2017 Frac Performed by: Keane 12. Production O										
						actured Interval: 535 ft to 9,044 ft				
						ume of Fluid Pumped:				
						419,303 gals of Re-Use Water in Fluid Pumped:				
N/A						t Disclosed	riula Pullipea.			
		ON AND CONCENTRAT		T				T		
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemi Service #	cal Abstract	Maximum Ingred			redient in HF Fluid (% b	
						mass)		mass)		
	Marathon	Carrier/Base Fluid	Water Crystolling Siling	7732-18-5		mass)	100%	mass)		
Sand (Proppant)	Marathon Keane	Carrier/Base Fluid Proppant	Water Crystalline Silica, Quartz	7732-18-5 14808-60-7		mass)	100% 100%	mass)		
Sand (Proppant)			Crystalline Silica, Quartz Water	14808-60-7 7732-18-5		mass)	100% 85%	mass)	8.19235% 0.46305%	
Sand (Proppant) 15% HCL	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid	14808-60-7 7732-18-5 7647-01-0		massy	100% 85% 15%	mass)	91.21673% 8.19235% 0.46305% 0.08172%	
Sand (Proppant)	Keane	Proppant	Crystalline Silica, Quartz Water	14808-60-7 7732-18-5		mass)	100% 85%	mass)	8.19235% 0.46305% 0.08172% 0.00049%	
Sand (Proppant)	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7		mass)	100% 85% 15% 90% 5% 5%	mass)	8.19235% 0.46305%	
Sand (Proppant) 15% HCL	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7		mass)	100% 85% 15% 90% 5% 5%	mass)	8.19235% 0.46305% 0.08172% 0.00049% 3E-05% 3E-05% 3E-05%	
Sand (Proppant) 15% HCL	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7		mass)	100% 85% 15% 90% 5% 5%	mass)	8.19235% 0.46305% 0.08172% 0.00049% 3E-05% 3E-05%	
Water Sand (Proppant) 15% HCL KAI-12	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0		mass)	100% 85% 15% 90% 5% 5% 5% 5%	mass)	8.19235% 0.46305% 0.08172% 0.00049% 3E-05% 3E-05% 3E-05%	
Sand (Proppant) 15% HCL KAI-12	Keane Keane Keane	Proppant Acid Acid Inhibitor	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Ethylbenzene	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0		mass)	100% 85% 15% 90% 5% 5% 5% 5% 11%	mass)	8.19235% 0.46305% 0.08172% 0.00049% 3E-05% 3E-05% 3E-05% 1E-05%	
Sand (Proppant) 15% HCL KAI-12	Keane Keane	Proppant Acid	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0		mass)	100% 85% 15% 90% 5% 5% 5% 5%	mass)	8.19235% 0.46305% 0.08172% 0.00049% 3E-05% 3E-05% 3E-05%	
Sand (Proppant) 15% HCL	Keane Keane Keane	Proppant Acid Acid Inhibitor	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Etylbenzene Acetic Acid Citric Acid Distallates (petroleum),	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0 100-41-4 64-19-7		mass)	100% 85% 15% 90% 5% 5% 5% 5% 11% 60%	mass)	8.192359 0.463059 0.081729 0.000499 3E-059 3E-059 3E-059 1E-059 0.00099 0.00069	
Sand (Proppant) 15% HCL KAI-12 KFEAC-30	Keane Keane Keane Keane	Proppant Acid Acid Inhibitor	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Ethylbenzene Acetic Acid Citric Acid Distallates	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0 100-41-4 64-19-7 77-92-9 64742-47-8		mass)	100% 85% 15% 90% 5% 5% 5% 11% 60% 40%	mass)	8.192359 0.463059 0.081729 0.00049 3E-059 3E-059 3E-059 1E-059 0.00069 0.0188449	
Sand (Proppant) 15% HCL KAI-12 KFEAC-30 KFR-12	Keane Keane Keane Keane Keane Keane	Proppant Acid Acid Inhibitor Iron Control Friction Reducer Breaker	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Ethylbenzene Acetic Acid Citric Acid Distallates (petroleum), Hydrotreated Light Alcohols, C12-15- branched and linear, ethoxylated Sodium Persulfate	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0 100-41-4 64-19-7 77-92-9 64742-47-8			100% 85% 15% 90% 5% 5% 5% 40% 40%	mass)	8.192359 0.463059 0.081729 0.000499 3E-059 3E-059 3E-059 1E-059 0.00099 0.00069 0.018849	
Sand (Proppant) 15% HCL KAI-12 KFEAC-30 KFR-12 KWBO-2 20. I, as Operator, hereby ce	Keane Keane Keane Keane Keane Keane Keane	Proppant Acid Acid Inhibitor Iron Control Friction Reducer Breaker n shown on this disclosure form i	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Ethylbenzene Acetic Acid Citric Acid Distallates (petroleum), Hydrotreated Light Alcohols, C12-15- branched and linear, ethoxylated Sodium Persulfate s true and complete to the	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0 100-41-4 64-19-7 77-92-9 64742-47-8		f.	100% 85% 15% 90% 5% 5% 5% 5% 40% 45%	mass)	8.192359 0.463059 0.081729 0.000499 3E-059 3E-059 3E-059 1E-059 0.00099 0.00069 0.018849	
Sand (Proppant) 15% HCL KAI-12 KFEAC-30 KFR-12 KWBO-2 20. I, as Operator, hereby ce	Keane Keane Keane Keane Keane Keane Keane Keane Keane	Proppant Acid Acid Inhibitor Iron Control Friction Reducer Breaker	Crystalline Silica, Quartz Water Hydrochloric Acid Methanol Propan-2-ol Prop-2-yn-1-ol Xylene Fatty Imidazoline Alcohols, C7-9-iso-,C8-rich Ethylbenzene Acetic Acid Citric Acid Distallates (petroleum), Hydrotreated Light Alcohols, C12-15- branched and linear, ethoxylated Sodium Persulfate s true and complete to the	14808-60-7 7732-18-5 7647-01-0 67-56-1 67-63-0 107-19-7 1330-20-7 61790-69-0 68526-83-0 100-41-4 64-19-7 77-92-9 64742-47-8		f.	100% 85% 15% 90% 5% 5% 5% 60% 40% 45%	mass)	8.192359 0.463059 0.081729 0.000499 3E-059 3E-059 3E-059 3E-059 1E-059 0.00099	