Submit within 45 days of well o	completion	State of New Mexico				Revised November 6, 2013			
	En	Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.				1. WELL API NO. 30-015-43216 2. Well Name: HAWK 9 G FEDERAL #019			
			nta Fe, NM 87505			3. Well Number: 019			
HYDRAULIC F DISCLOSURE	RACTURING	FLUID				Surface Hole Lo     Unit:G Lot:G     Feet from:2275	Section:9 T	ownship:18S Range:27E //S Line:N	
⊠ Original						Feet from:2295 5. Bottom Hole Lo		/W Line:E	
□ Amendment				Unit:G Lot:G Feet from:2275 Feet from:2295	Section:9 T	ownship:18S Range:27E //S Line:N //W Line:E			
						7. County:	631847	ongitude: -104.2818634	
						Eddy			
Operator Name and Address:     LIME ROCK RES     1111 Bagby Stree     Suite 4600     Houston 77002	OURCES II-A, L.P. et				9. OGRID:	277558	10. Phone Numb	er: 713-292-9517	
11. Last Fracture Date: 9/14/2016 Frac Performed by: CUDD					12. Productio				
13. Pool Code(s):						ractured Interval:			
51120  15. True Vertical Depth (TVD):						,130 ft to 4,900 ft ume of Fluid Pumped:			
5,200 ft		1,		452,897 gals					
17. Total Volume of Re-Use Water Pumped: 1. 1,452,897 gals						of Re-Use Water in Fluid Pumped: 100%			
19. HYDRAULIC FLUID								17	
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemi Service #	cal Abstract	tract Maximum Ingredient Concentration in Additive mass)		Maximum Ingredient Concentration in HF Fluid (% b mass)	
Water Sand		Carrier / Base Fluid Proppant	Silicon Dioxide	7732-18-5 14808-60-7		100% 100%		89.57899 9.891369	
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8		20%		0.002089	
B-24	Lubrizol	Biocide	Water 2,2 Dibromo-3- Nitrilopropionamide	7732-18-5 10222-01-2		80% 100%		0.00833% 0.00012%	
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0			15%	0.05965%	
I-112	Chemplex,L.C.	Acid Corrosion	Water Methanol	7732-18-5 67-56-1			85% 49.6%	0.33799% 0.00031%	
55.0	14 18 1 2 2 - 1	Inhibitor	Propargyl Alcohol	107-19-7		4%		2E-05%	
FE-6	Multiple Suppliers	Iron Control Additive	Acetic Acid Methanol	Mixture 67-56-1		85% 5%		0.001679 0.00019	
FR-900C	SNF	Friction Reducer	Proprietary Polyacrylamide Copolymer	Proprietary			33%	0.03169	
			Isoparaffinic Solvent Water	64742-47-8 7732-18-5			26% 42%	0.0249% 0.04022%	
			Ethylene Glycol	107-21-1				0.00383%	
			Surfactant Blend	Proprietary			6%	0.00575%	
NE-227	Ace Completions	Non-emulsifier	Proprietary Poly (oxy-1,2-ethanediyl), alpha hexyl-omega- hydroxy-	NA 31726-34-8			15% 5%	6E-05% 2E-05%	
			Isotridecanol, ethoxylated	9043-30-5			5%	2E-05%	
		Alcohol 68609-68-7 Solvent Naptha 64742-94-5 (Petroleum), Heavy Aromatic			5% 1%		2E-059 09		
EE 20	10010110772	1. 1. 11/1. 11/1. 12. 11	Water	7732-18-5			90%	0.000339	
SI-625	Ace Completions	penta methy phosphoric acid sodium salts		22042-96-2		20%		0.00457%	
			Potassium Hydroxide solution				2%	0.000469	
20. I, as Operator, hereby certify	that the information show	n on this disclosure form is true	Water e and complete to the best of	7732-18-5 of my knowledge s	and belief.		90%	0.02057%	
	Electronically	Printed Name: Mike Pippin				Title: Consultar	nt		
	ippinIIc.com orting of information beyon	nd MSDS data as described in 2	29 CFR 1910.1200. NMOCI	D does not require	the reporting o	r disclosure of propri	etary, trade secret	or confidential business information	