	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505			Revised November 6, 2013 1. WELL API NO. 30-025-42977 2. Well Name: ELAND 32 18 33 RN STATE COM #123H 3. Well Number: 123H			
HYDRAULIC FRACTURING FLUID DISCLOSURE ⋈ Original □ Amendment				4. Surface Hole Location: Unit:P Lot:P Section:32 Township:18S Range:33E Feet from:465 N/S Line:S Feet from:196 E/W Line:E 5. Bottom Hole Location: Township:18S Range:33E Unit:B Lot: Section:32 Township:18S Range:33E Feet from:241 N/S Line:S Feet from:1868 E/W Line:E			
				6. latitude:		longitude: -103.6804836	
DMPANY			9. OGRID:	228937	10. Phone Numb	per: 972-371-5218	
Performed by: HALLIBURTON E	ENERGY SERVICES			Type:			
13. Pool Code(s): 13160 15. True Vertical Depth (TVD): 9,693 ft 17. Total Volume of Re-Use Water Pumped:			14. Gross Fra 9, 16. Total Volu 7,	Gross Fractured Interval: 9,693 ft to 14,397 ft Total Volume of Fluid Pumped: 7,506,904 gals			
SITION AND CONCENTR	ATION:				uid Pumped:		
Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Concentration in		Maximum Ingredient Concentration in HF Fluid (% by mass)	
n Buffer	Water Listed Below	7732-18-5 Listed Below		massy	100% 0%	86.4137% 0%	
n Additive	Listed Below	Listed Below			0%	0% 0% 0%	
n Surfactant	Listed Below Listed Below Listed Below	Listed Below Listed Below			0% 0%	0%	
n Additive	Listed Below	Listed Below			0%	0%	
n Solvent	Listed Below	Listed Below			0%	0% 0% 0%	
n pH Control Additiv		Listed Below Listed Below Listed Below	Listed Below		0% 0%	0%	
	Listed Below	Listed Below			0%	0%	
17.65			Listed Below				
oomig/igon	Elotod Bolon	Listed Below			0%		
ove Listed Above	Acetic acid	64-19-7			60%	0.00327%	
	Acrylamide	79-06-1		į.	0.01%	0.00336% 0% 0.00503%	
	acrylate polymer Alcohols, C12-13,	66455-14-9			30%	0.01339%	
	ethoxylated Alcohols, C12-16,	68551-12-2		10	5%	0.00223%	
	Ammonium	7727-54-0			100%	0.00262%	
	Borate salts Calcium chloride	Proprietary 10043-52-4			60% 1%	0.02957% 0.001%	
	Citric acid Crystalline silica,	77-92-9 14808-60-7			60% 100%	0.0021% 12.95887%	
quartz Cured acrylic resin Proprietary Ethanol 64.17-5			30%		0.00079% 0.00028%		
	Ethoxylated alcohols Ethoxylated branched C13				30% 5%	0.000287 0.00017% 0.00084%	
	Ethylene oxide Fatty acids, tall oil	75-21-8 Proprietary			0.01% 30%	0.00017%	
	Guar gum	9000-30-0		je	100%	0.10647%	
	Hydrotreated light	7647-01-0 64742-47-8		30% 5%		0.15211% 0.00503%	
	Inorganic mineral Inorganic salt	Proprietary Proprietary				0.00246% 0.00498%	
	Magnesium chloride hexahydrate	67-56-1 Proprietary				0.00498%	
	Olefins						
	Polymer	Proprietary		1%		0.00049%	
	Quaternary ammonium compounds, benzyl-	68424-85-1			5%		
	Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl	68527-49-1			30%	0.00017%	
	Sobitan, mono-9-	1338-43-8			5%	0.00084%	
	Sodium chloride Sodium diacetate	7647-14-5 126-96-5			30% 5%		
		1310-73-2 9005-65-6			30% 5%		
	polyoxyethylene derivative Water	7732-18-5			100%	0.48223%	
	true and complete to the best		and belief.	Title: Engine		0.102201	
	SITION AND CONCENTR Purpose Base Fluid on Buffer on Crosslinker on Additive on Friction Reducer on Surfactant on Additive on Corrosion Inhibito on Solvent on Biocide on PH Control Additive on Proppant on Proppant on Gelling Agent	SITION AND CONCENTRATION: Purpose Ingredients	Performed by: HALLIBURTON ENERGY SERVICES	12 Production 12 Production 13 14 Gross Fig. 16 15 15 16 16 16 16 16	DNPANY Performed by: HALLIBURTON ENERGY SERVICES 12. Production Type: 14. Gross Passured Interval: 14. Gross Passured Interval: 15. Total Volume of Plud Pumper 17. Total Volume of Plud Pumper 18. December of Plud Pumper	Performed by	