

Submit within 45 days of well completion	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: 30-025-43542				
		2. Well Name: AZUL 13 STATE FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:D    Lot:D    Section:13    Township:23S    Range:33E Feet from:335    N/S Line:N Feet from:360    E/W Line:W				
		5. Bottom Hole Location: Unit:D    Lot:D    Section:13    Township:23S    Range:33E Feet from:335    N/S Line:N Feet from:360    E/W Line:W				
		6. latitude: 32.3109971    longitude: -103.5334519				
		7. County: Lea				
8. Operator Name and Address: CIMAREX ENERGY CO. 600 N MARIENFELD STREET SUITE 600 MIDLAND 79701		9. OGRID: 215099	10. Phone Number:			
11. Last Fracture Date:    3/28/2017    Frac Performed by:    Halliburton		12. Production Type: O				
13. Pool Code(s): 5150		14. Gross Fractured Interval: 9,541 ft to 9,709 ft				
15. True Vertical Depth (TVD): 9,709 ft		16. Total Volume of Fluid Pumped: 9,450,881 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)
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	85.51902%
FE Acid > 10% HCL	Halliburton	Acid	Listed Below	Listed Below	0%	0%
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive	Listed Below	Listed Below	0%	0%
FE-2A	Halliburton	Additive	Listed Below	Listed Below	0%	0%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Listed Below	Listed Below	0%	0%
OptiKleen-WF(TM)	Halliburton	Concentrate	Listed Below	Listed Below	0%	0%
SAND	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
FDP-S1176-15	HAL	Friction Reducer	Listed Below	Listed Below	0%	0%
FDP-S1226-15	HAL	Surfactant	Listed Below	Listed Below	0%	0%
MC B-8614	HAL	Biocide	Listed Below	Listed Below	0%	0%
MSDS and Non-MSDS Ingredients are listed below the					0%	0%
Ingredients	Listed Above	Listed Above	Acetic acid	64-19-7	60%	0.00086%
			Acetic anhydride	108-24-7	100%	0.00117%
			Alcohols, C12-13, ethoxylated	66455-14-9	30%	0.02508%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	0.00418%
			Citric acid	77-92-9	60%	0.00093%
			Crystalline silica, quartz	14808-60-7	100%	14.2315%
			Ethoxylated alcohols	Proprietary	30%	4E-05%
			Fatty acids, tall oil	Proprietary	30%	4E-05%
			Glutaraldehyde	111-30-8	30%	0.01351%
			Hydrochloric acid	7647-01-0	30%	0.01167%
			Hydrotreated ligh petroleum distillate	64742-47-8	30%	0.02272%
			Methanol	67-56-1	60%	8E-05%
			Olefins	Proprietary	5%	2E-05%
			Polyacrylate	Proprietary	30%	0.02272%
			Propargyl alcohol	107-19-7	10%	1E-05%
			Quaternary ammonium compounds, benzyl- C12-16-alkydimethly, chlorides	68424-85-1	5%	0.00225%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	4E-05%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00442%
			Water	7732-18-5	100%	0.03943%
			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:    Skipper Herring		Manager Stimulation Title:    Operations				
Date:    5/19/2017						
E-mail Address:    sherring@cimarex.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.