

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO: 30-015-43455				
		2. Well Name: COTTONBERRY 20 FEDERAL COM #002H				
		3. Well Number: 002H				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:O Lot:O Section:17 Township:25S Range:27E Feet from:195 N/S Line:S Feet from:2225 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:17 Township:25S Range:27E Feet from:195 N/S Line:S Feet from:2225 E/W Line:E				
		6. latitude: longitude: 32.12327683 -104.2109985				
		7. County: Eddy				
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: 1/13/2017 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97816		14. Gross Fractured Interval: 7,238 ft to 7,394 ft				
15. True Vertical Depth (TVD): 7,394 ft		16. Total Volume of Fluid Pumped: 9,010,494 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%	86.17594%
BE-9	Halliburton	Biocide	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%
Chlorine Dioxide	Baker Hughes	Biocide	Listed Below	Listed Below	0%	0%
FDP-S1176-15	Halliburton	Friction Reducer	Listed Below	Listed Below	0%	0%
FDP-S1225-15	Halliburton	Surfactant	Listed Below	Listed Below	0%	0%
Ingredients	Listed Above	Listed Above	Alcohols, C 12-13, ethoxylated	66455-14-9	30%	0.025967%
			Alcohols, C 12-16, ethoxylated	68551-12-2	5%	0.004328%
			Crystalline silica, quartz	14808-60-7	100%	13.763397%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.012465%
			Polyacrylate	Proprietary	30%	0.012465%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.004514%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.000262%
			Chlorine Dioxide	10049-04-4	100%	0.000664%
					0%	0%
					0%	0%
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: 2/23/2017						
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.