

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. 30-015-43773				
		2. Well Name: PINTAIL 23 26 FEDERAL COM #010H				
		3. Well Number: 010H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:C Lot:C Section:23 Township:25S Range:26E Feet from:330 N/S Line:N Feet from:1980 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:23 Township:25S Range:26E Feet from:330 N/S Line:N Feet from:1980 E/W Line:W				
		6. latitude: 32.07188931 longitude: -104.1559336				
		7. County: Eddy				
8. Operator Name and Address: CIMAREX ENERGY CO. OF COLORADO 202 S. Cheyenne Ave, Ste 1000 Tulsa 74103		9. OGRID: 162683	10. Phone Number: 918-295-1763			
11. Last Fracture Date: 1/29/2017 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 96890		14. Gross Fractured Interval: 8,873 ft to 8,951 ft				
15. True Vertical Depth (TVD): 8,951 ft		16. Total Volume of Fluid Pumped: 18,151,905 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%	86.92971%
Cia-Web II	Halliburton	Clay Stabilizer	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%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Listed Below	Listed Below	0%	0%
MC B-8614	Halliburton	Biocide	Listed Below	Listed Below	0%	0%
HCl	Halliburton	Solvent	Listed Below	Listed Below	0%	0%
OptiKleen-WF	Halliburton	Concentrate	Listed Below	Listed Below	0%	0%
Pro-Hib 320	Performance Chemical Company	Scale Inhibitor	Listed Below	Listed Below	0%	0%
DC-229	Performance Chemical Company	Scale Inhibitor	Listed Below	Listed Below	0%	0%
SAND	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
MSDS and Non-MSDS Ingredients are listed below the					0%	0%
Ingredients	Listed Above	Listed Above	9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-, (Z)	93-83-4	5%	0.00279%
			Alcohols, C12-13, ethoxylated	66455-14-9	30%	0.02568%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	0.00428%
			Amine	Proprietary	0.1%	2E-05%
			Amine salts	Proprietary	1%	0.00023%
			Ammonium chloride	12125-02-9	5%	0.00279%
			Ammonium compound	Proprietary	30%	0.00641%
			Castor oil, ethoxylated	61791-12-6	5%	0.00279%
			Chlorine compound	Proprietary	30%	0.00641%
			Crystalline silica, quartz	14808-60-7	100%	12.95337%
			Ethanol	64-17-5	1%	0.00025%
			Ethoxylated alcohols	Proprietary	30%	1E-05%
			Ethylene oxide	75-21-8	0.01%	1E-05%
			Fatty acids, tall oil	Proprietary	30%	1E-05%
			Glutaraldehyde	111-30-8	30%	0.00747%
			Hydrochloric acid	7647-01-0	60%	0.01315%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.01672%
			Methanol	67-56-1	60%	5E-05%
			Olefins	Proprietary	5%	0%
			Phosphoric acid	7664-38-2	0.1%	2E-05%
			Polyacrylate	Proprietary	30%	0.01672%
			Propargyl alcohol	107-19-7	10%	0%
			Quaternary amine	Proprietary	1%	0.00043%
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	68424-85-1	5%	0.00124%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	1E-05%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5%	0.00279%
			Sodium chloride	7647-14-5	5%	0.003%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00317%
			Sodium Polyacrylate	9003-04-7	20%	0.00016%
			Ammonia	7664-41-7	2%	2E-05%
			Silicon Dioxide	7631-86-9	0.35%	0.00027%
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: 3/2/2017						
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.