

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		1. WELL API NO: 30-015-43654				
		2. Well Name: ZACH MCCORMICK FEDERAL COM 18 24S 29E #001				
		3. Well Number: 001				
		4. Surface Hole Location: Unit:D Lot:1 Section:18 Township:24S Range:29E Feet from:716 N/S Line:N Feet from:380 E/W Line:W				
5. Bottom Hole Location: Unit:D Lot:1 Section:18 Township:24S Range:29E Feet from:716 N/S Line:N Feet from:380 E/W Line:W		6. latitude: 32.2229263 longitude: -104.0305423				
		7. County: Eddy				
8. Operator Name and Address: MATADOR PRODUCTION COMPANY One Lincoln Centre 5400 LBJ Freeway, Ste 1500 Dallas 75240		9. OGRID: 228937	10. Phone Number: 972-371-5218			
11. Last Fracture Date: 5/31/2016 Frac Performed by: Halliburton		12. Production Type: G				
13. Pool Code(s): 96712		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 11,189 ft		16. Total Volume of Fluid Pumped: 466,464 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	Fresh Water	7732-18-5	100%	81.56308%
ALDACIDE(R) G ANTIMICROBIAL, CL-22 UC, CL-31 CROSS	Halliburton	Additive, Biocide, Breaker, Corrosion Inhibitor, Crosslinker, Gelling Agent, pH Control Additive, Pr	NA	NA	0%	0%
SAND-PREMIUM WHITE- 30/50, BULK, SP BREAKER, WG-36	Halliburton		NA	NA	0%	0%
DCA-23003, DCA-32003, FDP-S1226-15	Halliburton	Friction Reducer, Surfactant	NA	NA	0%	0%
			Acetic acid	64-19-7	60%	0.00568%
			Acetic anhydride	108-24-7	100%	0.00947%
			Acrylate polymer	Confidential	1%	0.00135%
			Alcohols, C12-13, ethoxylated	66455-14-9	30%	0.00027%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	4E-05%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00047%
			Ammonium persulfate	7727-54-0	100%	0.01384%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.01703%
			Benzend, C10-16 alkyl derivatives	68648-87-3	1%	0.00067%
			Benzenesulfonic acid C10-16-alkyl derivs, compds. with 2-propanamine	68584-24-7	10%	0.00669%
			Benzenesulfonic acid C10-16-alkyl derivs, compds. with triethanol	68584-25-8	10%	0.00669%
			Borate salts	Confidential	60%	0.08129%
			Calcium chloride	10043-52-4	1%	0.00044%
			Citric acid	77-92-9	60%	0.00855%
			Crystalline silica, quartz	14808-60-7	100%	17.2969%
			Crystalline Silica, Quartz	14808-60-7	0.1%	0.00034%
			Ethoxylated branched c13 alcohol	78330-21-9	5%	0.00023%
			Fatty acids, tall oil	Confidential	30%	0.00047%
			Glutaraldehyde	111-30-8	30%	0.00806%
			Guar gum	9000-30-0	100%	0.34063%
			Hydrochloric acid	7647-01-0	60%	0.24212%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.00138%
			Inorganic salt	Confidential	5%	0.00235%
			Magnesium chloride hexahydrate	7791-18-6	5%	0.00222%
			Methanol	67-56-1	100%	0.06809%
			Olefins	Confidential	5%	0.00019%
			Polymer	Confidential	30%	0.00415%
			Potassium formate	590-29-4	60%	0.08129%
			Potassium hydroxide	1310-58-3	5%	0.00154%
			Potassium metaborate	13709-94-9	60%	0.01853%
			Propargyl alcohol	107-19-7	10%	0.00016%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00047%
			Silica gel	112926-00-8	1%	0.00341%
			Sodium carboxymethyl cellulose	9004-32-4	1%	0.00135%
			Sodium chloride	7647-14-5	30%	0.01515%
			Sodium glycolate	2836-32-0	1%	0.00135%
			Sodium hydroxide	1310-73-2	30%	0.01503%
			Sodium persulfate	7775-27-1	100%	0.00021%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00681%
			Talc	14807-96-6	1%	0.00014%
			Water	7732-18-5	100%	0.59469%
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: <u>Signed Electronically</u>	Printed Name: <u>Tammy Link</u>			Title: <u>Production Analyst</u>		
Date: <u>6/7/2016</u>						
E-mail Address: <u>tlink@matadorresources.com</u>						

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.