

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. 30-025-42499
		2. Well Name: PICKARD 20 18 34 RN STATE #124H
		3. Well Number: 124H

HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	4. Surface Hole Location: Unit:P Lot:P Section:20 Township:18S Range:34E Feet from:249 N/S Line:S Feet from:350 E/W Line:E
	5. Bottom Hole Location: Unit:P Lot:P Section:20 Township:18S Range:34E Feet from:249 N/S Line:S Feet from:350 E/W Line:E
	6. latitude: 32.7265317 longitude: -103.574555
	7. County: Lea

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
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11. Last Fracture Date: 1/16/2016 Frac Performed by: Schlumberger	12. Production Type: O
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13. Pool Code(s): 45793	14. Gross Fractured Interval: 10,127 ft to 14,543 ft
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15. True Vertical Depth (TVD): 9,693 ft	16. Total Volume of Fluid Pumped: 55,374,449 gals
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17. Total Volume of Re-Use Water Pumped: N/A	18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed
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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)
Proppant Transport	Schlumberger	Acid Corrosion Inhibitor, Water Gelling Agent, Temporary Clay Stabilizer, Surfactant, Acid, Breaker,	Water (Including Mix Water Supplied by Client)*	NA		83.40384%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.18314%	0.03038%
			Propan-2-ol	67-63-0	0.00401%	0.00067%
			2-Propenamid (impurity)	79-06-1	0.00014%	2E-05%
			Cinnamaldehyde	104-55-2	0.00053%	9E-05%
			Ethylene Glycol	107-21-1	0.27007%	0.04482%
			Fumaric acid	110-17-8	0.01226%	0.00204%
			Glutaraldehyde	111-30-8	0.11825%	0.01963%
			Sodium sulfocyanate	540-72-7	0.00078%	0.00013%
			Sodium hydroxide	1310-73-2	0.02904%	0.00482%
			Boronatrocaltite	1319-33-1	0.46648%	0.07742%
			Sodium tetraborate	1330-43-4	0.03928%	0.00652%
			Sorbitan monooleate	1338-43-8	0.00301%	0.0005%
			Decyl-dimethyl amine oxide	2605-79-0	0.00082%	0.00014%
			Sodium erythorbate	6381-77-7	0.00218%	0.00036%
			Magnesium Sulfate	7487-88-9	0.00059%	0.0001%
			Silicon Dioxide	7631-86-9	0.00189%	0.00031%
			Hydrochloric acid	7647-01-0	0.31166%	0.05172%
			Sodium chloride	7647-14-5	0.04135%	0.00686%
			Monosodium fumarate	7704-73-6	0.01226%	0.00204%
			Diammonium peroxodisulphate	7727-54-0	0.02212%	0.00367%
			Magnesium chloride	7786-30-3	0.03249%	0.00539%
			Guar gum	9000-30-0	0.69545%	0.11542%
			poly(tetrafluoroethylene)	9002-84-0	5E-05%	1E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	7E-05%	1E-05%
			Ethoxylated oleic acid	9004-96-0	0.00301%	0.0005%
			Boric acid	10043-35-3	0.01227%	0.00204%
			Calcium chloride	10043-52-4	0.00886%	0.00147%
			2-Propenoic acid, ammonium salt	10604-69-0	0.00074%	0.00012%
			Ammonium chloride	12125-02-9	0.01505%	0.0025%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00012%	2E-05%
			Quartz, Crystalline silica	14808-60-7	97.61968%	16.20112%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00381%	0.00063%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.02408%	0.004%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00081%	0.00013%
			2-Ethylhexanol ethoxylate	26468-96-0	0.0253%	0.0042%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	5E-05%	1E-05%
			Sorbitol Tetraoleate	61723-83-9	0.0009%	0.00015%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00099%	0.00016%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00015%	3E-05%
			Distillates, petroleum, hydrotreated light	64742-47-8	0.0318%	0.0052%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.0006%	0.0001%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00145%	0.00024%
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00045%	7E-05%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00168%	0.00028%
			C14 alpha olefin ethoxylate	84133-50-6	0.00045%	7E-05%
			Diutan gum	125005-87-0	0.00061%	0.0001%

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: Ava Monroe Title: Engineering Tech

Date: 1/26/2016

E-mail Address: amonroe@matadorresources.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.