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 8, 2013

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

1. WELL API NO. 30-015-43037
2. Well Name: JANIE CONNER 13 24S 28E RB #224H
3. Well Number: 224H
4. Surface Hole Location: Unit P Lot P Section: 14 Township: 24S Range: 28E; Feet from 445 N/S Line S; Feet from 255 E/W Line E
5. Bottom Hole Location: Unit P Lot P Section: 14 Township: 24S Range: 28E; Feet from 445 N/S Line S; Feet from 255 E/W Line E
6. latitude: 32.2116138 longitude: -104.0496002
7. County: Eddy
8. Operator Name and Address: MATADOR PRODUCTION COMPANY, One Lincoln Centre, 5400 LBJ Freeway, Ste 1500, Dallas 75240
9. OGRID: 229937
10. Phone Number: 972-371-5218
11. Last Fracture Date: 10/28/2015 Frac Performed by: Schlumberger
12. Production Type: Oil
13. Pool Code(s): 96712
14. Gross Fractured Interval: 10,685 ft to 15,340 ft
15. True Vertical Depth (TVD): 10,588 ft
16. Total Volume of Fluid Pumped: 75,133,257 gals
17. Total Volume of Re-Use Water Pumped: 0 bbls
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)
Proppant Transport	Schlumberger	Acid Corrosion Inhibitor, Demulsifier, Water Gelling Agent, Temporary Clay Stabilizer, Surfactant, A	Water (Including Mix Water Supplied by Client)*	NA	0%	81.93489%
			1, 2, 3 - Propanetriol	56-81-5	0.01752%	0.00316%
			Ethanol	64-17-5	0.00011%	2E-05%
			Acetic acid	64-19-7	0%	0%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.14291%	0.0258%
			Propan-2-ol	67-63-0	0.05229%	0.00999%
			Oxirane	75-21-8	0%	0%
			Propylene oxide	75-56-9	0%	0%
			2-Propenamid (impurity)	79-06-1	0.00011%	2E-05%
			Cinnamaldehyde	104-55-2	0.00034%	6E-05%
			Ethylene Glycol	107-21-1	0.18588%	0.03358%
			Fumaric acid	110-17-8	0.00844%	0.00152%
			Glutaraldehyde	111-30-8	0.09079%	0.0164%
			Oleic acid	112-80-1	2E-05%	0%
			1,4-Dioxane	123-91-1	0%	0%
			Acetic acid, potassium salt	127-08-2	0%	0%
			Potassium oleate	143-18-0	2E-05%	0%
			Sodium sulfocyanate	540-72-7	0.00062%	0.00011%
			Sodium hydroxide	1310-73-2	0.05691%	0.01028%
			Boronatrocalcite	1319-33-1	0.12198%	0.0258%
			Sodium tetraborate	1330-43-4	0.02704%	0.00488%
			Sorbitan monooleate	1338-43-8	0.02237%	0.00403%
			Decyl-dimethyl amine oxide	2605-79-0	0.00075%	0.00014%
			Sodium erythorbate	6381-77-7	0.00166%	0.0003%
			MANGESIUM SULFATE	7487-88-9	0.00046%	8E-05%
			Silicon Dioxide	7631-86-9	0.00187%	0.00034%
			Hydrochloric acid	7647-01-0	0.23814%	0.04302%
			Sodium chloride	7647-14-5	0.03225%	0.00583%
			Monosodium fumarate	7704-73-6	0.00844%	0.00152%
			triammonium peroxidisulphate	7727-54-0	0.01987%	0.00359%
			Magnesium chloride	7786-30-3	0.02534%	0.00458%
			Guar gum	9000-30-0	0.69565%	0.1256%
			poly(tetrafluoroethylene)	9002-84-0	4E-05%	1E-05%
			Sodeci poly(oxyethylene) ether	9002-92-0	4E-05%	1E-05%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00348%	0.00063%
			Ethoxylated oleic acid	9004-96-0	0.02237%	0.00403%
			Boric acid	10043-35-3	0.00845%	0.00153%
			Calcium chloride	10043-52-4	0.00691%	0.00125%
			2-Propenoic acid, ammonium salt	10604-69-0	0.00058%	0.0001%
			Ammonium chloride	12125-02-9	0.51184%	0.09214%
			Magnesium silicate hydrate (talc)	14807-96-6	0.0001%	2E-05%
			Quartz, Crystalline silica	14808-60-7	97.9376%	17.69254%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00313%	0.00057%
			Acrylamidoammonium acrylate copolymer	26100-47-0	0.01895%	0.00342%
			Isodecanol with 7 Moles Ethylene Oxide	26183-52-8	0.00052%	9E-05%
			2-Ethylhexanol ethoxylate	26468-86-0	0.02111%	0.00417%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	3E-05%	1E-05%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.0088%	0.00159%
			Sorbitol Tetraoleate	61723-83-9	0.00071%	0.00013%
			Quaternary dimethyl quaternary ammonium chloride	61789-77-3	0.00091%	0.00016%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.0001%	2E-05%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.02487%	0.00449%
			Alkyl (c10-c14) alcohols, ethoxylated	68439-51-0	0.00176%	0.00032%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00047%	8E-05%
			Crosslinked POLIQUAD polymer	68123-18-2	0.00703%	0.00127%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00092%	0.00017%
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00036%	6E-05%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00112%	0.0002%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00175%	0.00032%
			C14 alpha olefin ethoxylate	84133-50-6	0.00036%	6E-05%
			Olutan gum	125005-87-0	0.00042%	8E-05%

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: 11/17/2015
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.