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.: 30-025-41091

2. Well Name: RANGER 12 STATE #001

3. Well Number: 001

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:M Section:12 Township:20S Range:35E
Feet from:660 N/S Line:S
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:12 Township:20S Range:35E
Feet from:665 N/S Line:S
Feet from:663 E/W Line:W

6. latitude: 32.5822711529015 longitude: -103.417193452238

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

11. Last Fracture Date: 11/1/2013 Frac Performed by: SLB

12. Production Type: G

13. Pool Code(s): 24270

14. Gross Fractured Interval: 8,632 ft to 9,100 ft

15. True Vertical Depth (TVD): 11,920 ft

16. Total Volume of Fluid Pumped: 253,898 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)
Proppant Transport	Schlumberger	Corrosion Inhibitor, Activator , Bactericide (Myacide GA25), Surfactant , Acid, Breaker, Gelling Age	Water (Including Mix Water Supplied by Client)*	NA	0%	86.59%
			Crystalline silica	14808-60-7	88.01%	11.8%
			Phenolic resin	9003-35-4	4.54%	0.61%
			Hydrogen chloride	7647-01-0	4.18%	0.56%
			Guar gum	9000-30-0	1.16%	0.16%
			Propan-2-ol	67-63-0	0.94%	0.13%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.77%	0.1%
			Cholinium chloride	67-48-1	0.61%	0.08%
			Ethane-1,2-diol	107-21-1	0.51%	0.07%
			Diammonium peroxidisulphate	7727-54-0	0.19%	0.02%
			Glutaraldehyde	111-30-8	0.09%	0.01%
			Sodium hydroxide	1310-73-2	0.08%	0.01%
			Gum, xanthan	11138-66-2	0.07%	0.01%
			Polyethylene glycol monohexyl ether	31726-34-8	0.05%	0.01%
			Sodium tetraborate	1330-43-4	0.05%	0.01%
			Glycerol	56-81-5	0.04%	0.01%
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	0.04%	0%
			Crosslinked PO/EO-block polymer	68123-18-2	0.03%	0%
			Sodium erythorbate	6381-77-7	0.03%	0%
			Methanol	67-56-1	0.03%	0%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.02%	0%
			Fatty acids, tall-oil	61790-12-3	0.02%	0%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.02%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.01%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.01%	0%
			Methyl oxirane polymer with oxirane	Ge0eral	0.01%	0%
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.01%	0%
			Dioctyl sulfosuccinate sodium salt	Ge0eral	0.01%	0%
			Prop-2-yn-1-ol	107-19-7	0.01%	0%
			Alkenes, C>10 a-	64743-02-8	0%	0%
			Non-crystalline silica	7631-86-9	0%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0%	0%
			Propylene glycol	57-55-6	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			poly (tetrafluoroethylene)	9002-84-0	0%	0%
			2-ethylhexan-1-ol	104-76-7	0%	0%
			Potassium oleate	143-18-0	0%	0%
			Oleic acid	112-80-1	0%	0%
			Acetic acid, potassium salt	Ge0eral	0%	0%
			Acetic acid	64-19-7	0%	0%
† Proprietary Technology					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: Ava Monroe Title: Engineering Tech

Date: 9/19/2014

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.