

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

1. WELL API NO:
30-015-42873

2. Well Name:
TIGER 14 24S 28E RB #224H

3. Well Number:
224H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:14 Township:24S Range:28E
Feet from:505 N/S Line:S
Feet from:254 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:14 Township:24S Range:28E
Feet from:505 N/S Line:S
Feet from:254 E/W Line:E

6. latitude: 32.2117786 longitude: -104.0496028

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: 3/15/2015 Frac Performed by: FTSI

12. Production Type:
G

13. Pool Code(s):
75750

14. Gross Fractured Interval:
10,845 ft to 15,221 ft

15. True Vertical Depth (TVD):
10,411 ft

16. Total Volume of Fluid Pumped:
69,136,708 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)
Water	Operator	Carrier	Water	7732-18-5		86.3602401%
Hydrochloric Acid (HCl)	FTSI	Acid	Hydrogen Chloride	7647-01-0	37%	0.0954078%
			Water	7732-18-5	63%	0.1624511%
CI-150	FTSI	Acid Corrosion Inhibitor	Isopropanol	67-63-0	30%	0.0003914%
			Dimethylformamide	68-12-2	10%	0.0001305%
			Organic amine resin salt	Proprietary	30%	0.0003914%
			Quaternary ammonium compound	Proprietary	10%	0.0001305%
			Aromatic aldehyde	Proprietary	10%	0.0001305%
			Ethylene Glycol	107-21-1	30%	0.0003914%
			Water	7732-18-5	5%	6.52E-05%
			Fatty Acid	Proprietary	0.1%	1.3E-06%
			Fatty Acid Salt	Proprietary	0.1%	1.3E-06%
			Aliphatic alcohol	Proprietary	0.1%	1.3E-06%
			Alkyiene Oxide Block Polymer	Proprietary	10%	0.0001305%
NE-100	FTSI	Non-emulsifier	Diethylene glycol	111-46-6	1%	1.3E-05%
			2-Butoxyethanol	111-76-2	10%	8E-05%
			Z-Propanol	67-63-0	10%	8E-05%
			Dodecylbenzenesulfonic acid	27178-97-0	5%	4E-05%
			Water	7732-18-5	90%	0.0007204%
			Sulfuric Acid	7664-93-9	0.01%	1E-07%
			Sulfur dioxide	7446-09-5	0%	0%
			Benzene, C10-16 Alkyl Derivatives	68648-87-3	0.04%	3E-07%
			Unsulphonated Matter	Proprietary	0.03%	2E-07%
FE-100L	FTSI	Iron control	Citric acid	77-92-9	55%	0.0003672%
			Water	7732-18-5	60%	0.0004005%
FRW-200	FTSI	Friction reducer	Petroleum distillate hydrotreated light	64742-47-8	26%	0.006319%
			Acrylamide P/W acrylic acid, ammonium salt	26100-47-0	25%	0.0063768%
			Water	7732-18-5	48%	0.0122435%
			Sorbitan Monooleate	1338-43-8	3%	0.0007652%
			Alcohols (C12-C14), ethoxylated	68439-50-9	4%	0.0010203%
			Alcohols (C12-C16), ethoxylated	68551-12-2	4%	0.0010203%
			Alcohols (C10-C16), ethoxylated	68002-97-1	4%	0.0010203%
			Acrylamide	79-06-1	0.1%	2.55E-05%
			Dewaxed heavy paraffinic	64742-65-0	1.5%	0.0003826%
			Ammonium Acrylate	10604-69-0	0.5%	0.0001275%
			Ammonium Chloride	12125-02-9	12%	0.0030609%
			Polyethylene glycol monooleate	9004-96-0	3%	0.0007652%
			Alkyltoxypolyethyleneoxyethanol	84133-50-6	1%	0.0002551%
			Sorbitol Tetraoleate	61723-83-9	2%	0.0005101%
			Copolymer of acrylamide and sodium acrylate	25987-30-8	33%	0.0084174%
			Surfactant	Proprietary	7%	0.0017855%
			Hydrotreated heavy paraffinic	64742-54-7	5%	0.0012754%
SHALE SURF 1000	FTSI	Surfactant	Isopropanol	67-63-0	0.3%	7.65E-05%
			Ethoxylated alcohol	Proprietary	20%	0.0137538%
			2-Butoxyethanol	111-76-2	10%	0.0068769%
			Z-Propanol	67-63-0	10%	0.0068769%
			Cyclohexane	5989-27-5	10%	0.0068769%
			Methanol	67-56-1	10%	0.0068769%
			Water	7732-18-5	85%	0.0584536%
			Poly-(oxy-1,2-ethanediyl)-alpha-undecyl-omega	34398-01-1	11%	0.0075646%
APB-1	FTSI	Gel breaker	Ammonium Persulfate	7727-54-0	100%	1.28E-05%
B-10	FTSI	High pH buffer	Potassium carbonate	584-08-7	48%	0.0003798%
			Potassium hydroxide	1310-58-3	20%	0.0001583%
			Water	7732-18-5	55%	0.0004352%
BXL-2	FTSI	Borate crosslinker	Sodium metaborate	10555-76-7	25%	0.0001034%
			Boric acid	10043-35-3	15%	6.21E-05%
			Potassium hydroxide	1310-58-3	12%	4.97E-05%
			Water	7732-18-5	75%	0.0003103%
BXL-3	FTSI	Crosslinker	Crystalline Silica, Quartz	14808-60-7	0.1%	7E-07%
			Borate Salt	1319-33-1	40%	0.0002618%
			Potassium Formate	590-29-4	30%	0.0001964%
			Hydrated aluminium-magnesium silicate (palygorskite)	12174-11-7	5%	3.27E-05%
			Sodium Sulfate	7757-82-6	0.1%	7E-07%
			Sodium Chloride	7647-14-5	0.1%	7E-07%
			Water	7732-18-5	60%	0.0003927%
HTB-1	FTSI	Breaker	Ammonium Persulfate	7727-54-0	60%	1.75E-05%
			Cured acrylic resin	Proprietary	25%	7.3E-06%
			Silica, Crystalline-Quartz	14808-60-7	16%	4.7E-06%
			Proprietary	Proprietary	0%	0%
HVG-1	FTSI	Water Gelling Agent	Guar Gum	9000-30-0	55%	0.0016429%
			Petroleum Distillate	64742-47-8	55%	0.0016429%
			Raffinates (Petroleum), Sorption Process	64741-85-1	50%	0.0014935%
			Clay	14808-60-7	2%	5.97E-05%
			Clay	1302-78-9	5%	0.0001494%
			Surfactant	24938-91-8	1%	2.99E-05%
			Surfactant	154518-36-2	1%	2.99E-05%
			Surfactant	9043-30-5	1%	2.99E-05%
			Surfactant	Proprietary	2%	5.97E-05%
ICI-3240	FTSI	Biocide	Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione, Sodium Hydroxide)	533-74-4	24%	9.44E-05%
			Water	7732-18-5	55%	0.0002164%
100 Mesh Sand	FTSI	proppant	Silica, Quartz	14808-60-7	100%	1.3663653%
30/50 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	11.3024328%

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: 4/15/2015

E-mail Address: amonroe@matadorresources.com

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