

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:
30-025-41586

2. Well Name:
PICKARD STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:20 Township:18S Range:34E
Feet from:699
Feet from:1806

5. Bottom Hole Location:
Unit:O Lot:O Section:20 Township:18S Range:34E
Feet from:699
Feet from:1806

6. latitude: 32.7278844456876 longitude: -103.579886796407

7. County: Lea

9. 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: 7/6/2014 Frac Performed by: SLB

12. Production Type:
O

13. Pool Code(s):
45793

14. Gross Fractured Interval:
10,286 ft to 14,148 ft

15. True Vertical Depth (TVD):
9,806 ft

16. Total Volume of Fluid Pumped:
6,963,369 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)
Slickwater	Schlumberger	Proppant Transport	Water (including Mix Water Supplied by Client)*	NA		88.44%
			Crystalline silica	14808-60-7	96.07%	11.11%
			Guar gum	9000-30-0	1.05%	0.12%
			Cholinium chloride	67-48-1	0.62%	0.07%
			Hydrochloric acid	7647-01-0	0.58%	0.07%
			Phenolic resin	9003-35-4	0.36%	0.04%
			Ethane-1,2-diol	107-21-1	0.32%	0.04%
			Propan-2-ol	67-63-0	0.14%	0.02%
			Diammonium peroxodisulphate	7727-54-0	0.12%	0.01%
			Hexamethylenetetramine	100-97-0	0.1%	0.01%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.05%	0.01%
			Glutaraldehyde	111-30-8	0.05%	0.01%
			Gum, xanthan	11138-66-2	0.05%	0.01%
			Polyethylene glycol monoethyl ether	31726-34-8	0.04%	0%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.04%	0%
			1, 2, 3 - Propanetriol	56-81-5	0.03%	0%
			Sodium tetraborate	1330-43-4	0.03%	0%
			Organo phosphorus salt	Proprietary	0.03%	0%
			Sodium hydroxide	1310-73-2	0.03%	0%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.03%	0%
			Ammonium chloride	12125-02-9	0.02%	0%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.02%	0%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.02%	0%
			Crosslinked PO/EO-block polymer	68123-18-2	0.01%	0%
			Sodium chloride	7647-14-5	0.01%	0%
			Methyl oxirane polymer with oxirane	Ge0eral	0.01%	0%
			Ethoxylated oleic acid	9004-96-0	0%	0%
			Sorbitan monooleate	1338-43-8	0%	0%
			Sodium erythorbate	6381-77-7	0%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0%	0%
			Non-crystalline silica	7631-86-9	0%	0%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0%	0%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0%	0%
			Sorbitol Tetraoleate	61723-83-9	0%	0%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0%	0%
			Sodium sulfocyanate	540-72-7	0%	0%
			2-Propenoic acid, ammonium salt	10604-69-0	0%	0%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0%	0%
			Cinnamaldehyde	104-55-2	0%	0%
			Alcohols, C12-C14, ethoxylated	68439-50-9	0%	0%
			C14 alpha olefin ethoxylate	84133-50-6	0%	0%
			Methanesulfonic acid, hydroxy-, monosodium salt	870-72-4	0%	0%
			Sodium hydrogensulphite	7631-90-5	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0%	0%
			Ethanol	64-17-5	0%	0%
			2-propenamid	Ge0eral	0%	0%
			poly(tetrafluoroethylene)	9002-84-0	0%	0%
Dodecyl poly (oxyethylene) ether	9002-92-0	0%	0%			
Glycols, polyethylene, monotetradecyl ether	27306-79-2	0%	0%			
Methanol (impurity)	67-56-1	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%			
Propylene oxide	75-56-9	0%	0%			
Oxirane	75-21-8	0%	0%			
1,4-Dioxane	123-91-1	0%	0%			

† Proprietary Technology

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: 7/23/2014

E-mail Address: amonroe@matadorresources.com

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