

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

1. WELL API NO:
30-025-41631

2. Well Name:
ACTION BTI STATE COM #002H

3. Well Number:
002H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit: C Lot: C Section: 16 Township: 24S Range: 33E
Feet from: 320 N/S Line: N
Feet from: 1980 E/W Line: W

5. Bottom Hole Location:
Unit: C Lot: C Section: 16 Township: 24S Range: 33E
Feet from: 320 N/S Line: N
Feet from: 1980 E/W Line: W

6. latitude: longitude:
32.22404143204 -103.579351621761

7. County:
Lea

8. Operator Name and Address:
YATES PETROLEUM CORPORATION
105 S 4TH ST
ARTESIA 88210

9. OGRID: 25575

10. Phone Number:

11. Last Fracture Date: 7/23/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
99674

14. Gross Fractured Interval:
11,458 ft to 15,562 ft

15. True Vertical Depth (TVD):
11,201 ft

16. Total Volume of Fluid Pumped:
2,970,090 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)*		0%	85.00911%
			Ceramic materials and wares, chemicals	66402-68-4	75.84521%	11.36987%
			Crystalline silica	14808-60-7	18.65532%	2.7966%
			Hydrochloric acid	7647-01-0	2.54162%	0.38101%
			Guar gum	9000-30-0	1.04807%	0.15711%
			Phenolic resin	9003-35-4	0.96142%	0.14413%
			Cholinium chloride	67-48-1	0.41584%	0.06234%
			Propan-2-ol	67-63-0	0.20083%	0.03011%
			Alcohols, c11-15-secondary, ethoxylated	68131-40-8	0.18902%	0.02834%
			Diammonium peroxidisulphate	7727-54-0	0.17945%	0.0269%
			Glutaraldehyde	111-30-8	0.07083%	0.01062%
			Polyethylene glycol monoheptyl ether	31726-34-8	0.06232%	0.00934%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.06108%	0.00916%
			Ethane-1,2-diol	107-21-1	0.03499%	0.00525%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.03358%	0.00503%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03181%	0.00477%
			Sodium carbonate	497-19-8	0.02288%	0.00343%
			Sodium erythorbate	6381-77-7	0.0151%	0.00226%
			Sodium chloride	7647-14-5	0.00689%	0.00103%
			Sodium Glycolate (impurity)	2836-32-0	0.00495%	0.00074%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00323%	0.00048%
			Calcium chloride	10043-52-4	0.00318%	0.00048%
			Non-crystalline silica	7631-86-9	0.00286%	0.00043%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00269%	0.0004%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.0026%	0.00039%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00234%	0.00035%
			Sodium hydroxide	1310-73-2	0.00183%	0.00027%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00181%	0.00027%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00165%	0.00025%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00165%	0.00025%
			Cinnamaldehyde	104-55-2	0.00118%	0.00018%
			1, 2, 3 - Propanetriol	56-81-5	0.001%	0.00015%
			Magnesium silicate hydrate (taic)	14807-96-6	0.00097%	0.00015%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00083%	0.00012%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.0005%	0%
			poly(tetrafluoroethylene)	9002-84-0	0.00041%	0%
			Crosslinked PO/EO-block polymer	68123-18-2	0.0004%	0%
			2,2'-oxydiethanol	111-46-6	0.00035%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00035%	0%
			Methyl oxirane polymer with oxirane	9003-11-6	0.0002%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.00015%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.0001%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.0001%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.0001%	0%
			Ethanol	64-17-5	0%	0%
			Potassium oleate	143-18-0	0%	0%
			Oleic acid	112-80-1	0%	0%
			Acetic acid, potassium salt	127-08-2	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%			

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: Tina Huerta

Date: 8/27/2014

E-mail Address: tinah@ypcnm.com

Regulatory Reporting
Title: Supervisor

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.