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 February 15, 2012

1. WELL API NO.
30-015-41158

2. Well Name:
BODACIOUS BSM FEDERAL #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:M Section:1 Township:26S Range:26E
Feet from:510 N/S Line:S
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:1 Township:26S Range:26E
Feet from:510 N/S Line:S
Feet from:660 E/W Line:W

6. latitude: 32.0657996049171 longitude: -104.253286162903

7. County:
Eddy

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

9. OGRID: 25575

10. Phone Number:

11. Last Fracture Date: 7/28/2013 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
97818

14. Gross Fractured Interval:
8,205 ft to 11,886 ft

15. True Vertical Depth (TVD):
7,772 ft

16. Total Volume of Fluid Pumped:
2,397,888 gals

17. **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)
7.5 % HCl, WF110, WF 120, YF120 FlexD	Schlumberger	Acid, Proppant transport	Water (Including Mix Water Supplied by Client)*	NA	0%	84.15857%
			Crystalline silica	14808-60-7	93.91325%	14.8772%
			Hydrogen chloride	7647-01-0	2.20802%	0.34978%
			Guar gum	9000-30-0	1.44937%	0.2296%
			Ethane-1,2-diol	107-21-1	0.46307%	0.07336%
			Cholinium chloride	67-48-1	0.41857%	0.06631%
			Phenolic resin	9003-35-4	0.40928%	0.06484%
			Diammonium peroxidisulphate	7727-54-0	0.16625%	0.02634%
			Propan-2-ol	67-63-0	0.10803%	0.01711%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.10631%	0.01684%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.09285%	0.01471%
			Glutaraldehyde	111-30-8	0.06697%	0.01061%
			Gum, xanthan	11138-66-2	0.06064%	0.00961%
			Sodium hydroxide	1310-73-2	0.0588%	0.00931%
			Sodium tetraborate	1330-43-4	0.03882%	0.00615%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.03693%	0.00585%
			Sodium erythorbate	6381-77-7	0.03451%	0.00547%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03098%	0.00491%
			Methanol	67-56-1	0.01714%	0.00272%
			Fatty acids, tall-oil	61790-12-3	0.01259%	0.00199%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.01036%	0.00164%
			Sodium Glycolate (impurity)	2836-32-0	0.00862%	0.00137%
			Sodium chloride	7647-14-5	0.00758%	0.0012%
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00482%	0.00076%
			Non-crystalline silica	7631-86-9	0.00395%	0.00063%
			Calcium chloride	10043-52-4	0.0035%	0.00055%
			Polyethylene glycol monohexyl ether	31726-34-8	0.00345%	0.00055%
			Prop-2-yn-1-ol	107-19-7	0.00321%	0.00051%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00287%	0.00046%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00287%	0.00046%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00271%	0.00043%
			Glycerol	56-81-5	0.00246%	0.00039%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00222%	0.00035%
			Alkenes, C>10 a-	64743-02-8	0.00214%	0.00034%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00144%	0.00023%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00095%	0.00015%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00074%	0.00012%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00074%	0.00012%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00073%	0.00012%
			2,2'-oxydiethanol	111-46-6	0.00039%	0%
			poly(tetrafluoroethylene)	9002-84-0	0.00039%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.00035%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00015%	0%
			Propylene glycol	57-55-6	0%	0%
			2-ethylhexan-1-ol	104-76-7	0%	0%
			Potassium hydroxide	1310-58-3	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%
† Proprietary Technology					0%	0%

18. 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 Title: Regulatory Reporting Supervisor

Date: 9/25/2013

E-mail Address: tinah@ypcnm.com

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