

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:
30-015-42252

2. Well Name:
ROY AET COM #009H

3. Well Number:
009H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:17 Township:19S Range:25E
Feet from:990 N/S Line:N
Feet from:15 E/W Line:E

5. Bottom Hole Location:
Unit:D Lot:A Section:17 Township:19S Range:25E
Feet from:894 N/S Line:N
Feet from:231 E/W Line:W

6. latitude: 32.6656528980904 longitude: -104.498425370684

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: 9/4/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
97565

14. Gross Fractured Interval:
2,797 ft to 7,244 ft

15. True Vertical Depth (TVD):
2,535 ft

16. Total Volume of Fluid Pumped:
4,587,011 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,20%HCL	Schlumberger	Acid Corrosion Inhibitor A286, Bactericide (Mycicide GA25), Demulsifier, Acid, Breaker, Friction Redu	Water (Including Mix Water Supplied by Client)*		0%	86.02043%
			Crystalline silica	14808-60-7	97.07563%	13.57075%
			Hydrochloric acid	7647-01-0	1.99236%	0.27852%
			Ethylene Glycol	107-21-1	0.14286%	0.01997%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.13708%	0.01916%
			Propan-2-ol	67-63-0	0.09567%	0.01337%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.08262%	0.01155%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.07579%	0.0106%
			Diammonium peroxodisulphate	7727-54-0	0.07515%	0.01051%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.06833%	0.00955%
			Sodium chloride	7647-14-5	0.06139%	0.00858%
			Glutaraldehyde	111-30-8	0.03999%	0.00559%
			1, 2, 3 - Propanetriol	56-81-5	0.02786%	0.00389%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.01313%	0.00184%
			Calcium chloride	10043-52-4	0.01299%	0.00182%
			Crosslinked PO/EO-block polymer	68123-18-2	0.01205%	0.00169%
			Sodium carbonate	497-19-8	0.01045%	0.00146%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.01022%	0.00143%
			Sodium erythorbate	6381-77-7	0.00972%	0.00136%
			Alcohols, C9-11-iso-, C10-rich	68526-85-2	0.00711%	0.00099%
			Sodium Glycolate (impurity)	2836-32-0	0.00669%	0.00094%
			Methyl oxirane polymer with oxirane	9003-11-6	0.0057%	0.0008%
			Sorbitan, (Z)-9-octadecenoate (2:3)	8007-43-0	0.0054%	0.00075%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00464%	0.00065%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00387%	0.00054%
			Alkyl (C10-C14) alcohols, ethoxylated	66455-15-0	0.00314%	0.00044%
			Sorbitan monooleate, ethoxylated	9005-65-6	0.00313%	0.00044%
			Sodium hydroxide	1310-73-2	0.00295%	0.00041%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.0026%	0.00036%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00223%	0.00031%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00223%	0.00031%
			Cinnamaldehyde	104-55-2	0.0017%	0.00024%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00164%	0.00023%
			2,2'-oxydiethanol	111-46-6	0.00144%	0.0002%
			Trisodium nitriotriacetate (impurity)	5064-31-3	0.00112%	0.00016%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.0005%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.00024%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.00021%	0%
			Ethanol	64-17-5	0.00016%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.00015%	0%
			Propylene glycol	57-55-6	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%
			2-ethylhexan-1-ol	104-76-7	0%	0%
			Acetic acid	64-19-7	0%	0%
			Oxirane	75-21-8	0%	0%
			1,4-Dioxane	123-91-1	0%	0%
			Propylene oxide	75-56-9	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

Regulatory Reporting
Title: Supervisor

Date: 11/20/2014

E-mail Address: tinah@ypcnm.com

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