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.
30-015-27417

2. Well Name:
ROY AET #007

3. Well Number:
007

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ **Original**

☒ **Amends disclosure submitted on 10/2/2013**

4. Surface Hole Location:
Unit:K Lot:K Section:17 Township:19S Range:25E
Feet from:1650 N/S Line:S
Feet from:1650 E/W Line:W

5. Bottom Hole Location:
Unit:K Lot:K Section:17 Township:19S Range:25E
Feet from:1650 N/S Line:S
Feet from:1650 E/W Line:W

6. latitude: 32.6582646846217 longitude: -104.510185193283

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: 7/10/2013 Frac Performed by: Elite Well Services, LLC

12. Production Type:
O

13. Pool Code(s):
97565

14. Gross Fractured Interval:
2,420 ft to 2,562 ft

15. True Vertical Depth (TVD):
9,370 ft

16. Total Volume of Fluid Pumped:
548,898 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)
Water		Carrier Base Fluid	Carrier Base Fluid	7732-18-5	100%	93.5713%
Sand (Proppant)		Proppant	Silicone Dioxide	14808-60-7	100%	6.17457%
Ferriplex 66	Chemplex, LC	Iron Control	Acetic Acid	64-19-7	50%	0.00118%
			Citric Acid	77-92-9	30%	0.00071%
			Water	7732-18-5	35%	0.00082%
Plexbreak 150	Chemplex, LC	Non-Emulsifier	Cocamide Diethanolamine Salt	68603-42-9	30%	0%
			Diethanolamine	111-42-2	20%	0%
			Methyl Alcohol	67-56-1	50%	0.00015%
			Trade Secret	Trade Secret	5%	0%
Plexcide 24B	Chemplex, LC	Biocide	Tetrahydro-3, 5-Dimethyl-2H-1,3,5-thiadiazine-2-thione	533-73-2	24%	0.00578%
			Sodium Hydroxide	1310-73-2	12%	0.00289%
			Water	7732-18-5	72%	0.01734%
Plexihib 256	Chemplex, LC	Corrosion Inhibitor	Methyl Alcohol	67-56-1	70%	0.00061%
			Propargyl Alcohol	107-19-7	8%	0%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00026%
			Alcohol Ethoxylate surfactants	Trade Secret	30%	0.00026%
			n-olefins	Trade Secret	10%	0%
Plexslick 921E	Chemplex, LC	Friction Reducer	Hydrotreated Petroleum Distillate	64742-47-8	30%	0.02486%
			Polyacrylamide-co-acrylic acid	9003-06-9	32%	0.02652%
			Water	7732-18-5	35%	0.029%
			Alcohol Ethoxylate Surfactants	Trade Secret	8%	0.00663%
Plexsurf 240E	Chemplex, LC	Surfactant	Methyl Alcohol	67-56-1	20%	0%
			Alcohol Ethoxylate surfactants	Trade Secret	20%	0%
			Water	7732-18-5	80%	0.00026%
15% Hydrochloric Acid	CNR	Acid	36% Hydrochloric Acid	7647-01-0	53%	0.02167%
			Water	7732-18-5	47%	0.01921%

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: 10/2/2013

E-mail Address: tinah@ypcnm.com

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.