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.
30-015-42807

2. Well Name:
STILETTO 16 STATE #009H

3. Well Number:
009H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:16 Township:20N Range:25E
Feet from:330 N/S Line:N
Feet from:1265 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:16 Township:20N Range:25E
Feet from:330 N/S Line:N
Feet from:1265 E/W Line:W

6. latitude: 35.9674046514878 longitude: -104.289213418859

7. County:
Eddy

8. Operator Name and Address:
EMKEY COMPANIES, LLC
12221Merit Drive
Suite 620
Dallas 75251

9. OGRID: 310098

10. Phone Number: 214-308-5516

11. Last Fracture Date: 1/27/2015 Frac Performed by: Weatherford Fracturing Technologies

12. Production Type:
O

13. Pool Code(s):
97565

14. Gross Fractured Interval:
2,650 ft to 6,627 ft

15. True Vertical Depth (TVD):
2,852 ft

16. Total Volume of Fluid Pumped:
2,486,484 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)
WBK-133	Weatherford Fracturing Technologies	Breaker	Ammonium Persulfate	7727-54-0	100%	0.0016153%
Bio-ClearA 5000	Weatherford Fracturing Technologies	Bactericide	2,2-dibromo-3-nitriloproppionamide	10222-01-2	5%	0.0011561%
			Dibromoacetonitrile	3252-43-5	0.5%	0.0001156%
			Polyethylene Glycol	25322-68-3	65%	0.0150295%
			Sodium Bromide	7647-15-6	1.5%	0.0003468%
WXL-100L	Weatherford Fracturing Technologies	Crosslink Control	Ethylene Glycol	107-21-1	40%	0.000714%
WGA-15L	Weatherford Fracturing Technologies	Gelling Agents	Petroleum Distillates	64742-47-8	60%	0.0660686%
WAI-251LC	Weatherford Fracturing Technologies	Inhibitor	1-Decanol	112-30-1	5%	0.0005574%
			1-Octanol	111-87-5	5%	0.0005574%
			Butoxyethanol	111-76-2	10%	0.0011148%
			Ethoxylated Nonylphenol	68412-54-4	5%	0.0005574%
			Ethylene Glycol	111-76-2	40%	0.0044591%
			Isopropyl Alcohol	67-63-0	5%	0.0005574%
			N,N-Dimethylformamide	68-12-2	20%	0.0022296%
			quaternized	72480-70-7	10%	0.0011148%
			Triethylphosphate	78-40-0	5%	0.0005574%
WIC-641L	Weatherford Fracturing Technologies	Iron Control	Citric acid	77-92-9	60%	0.0078944%
WPB-584L	Weatherford Fracturing Technologies	ph Adjusting Agents	Potassium Carbonate	584-08-7	40%	0.0082487%
			Potassium Hydroxide	1310-58-3	20%	0.0041244%
WNE-363L	Weatherford Fracturing Technologies	Surfactant	2-Ethylhexanol	104-76-7	7%	0.0059911%
			monoethanolamie salt	2636-07-7	15%	0.012838%
			Ethylene/Propylene Oxide Polymer	9003-11-6	30%	0.025676%
			hydroxy-	9043-30-5	5%	0.0042793%
15% HCL	Weatherford Fracturing Technologies	Acid	Hydrochloric Acid	764-01-0	15%	0.3223588%

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: Karla Atchison Title: Regulatory Analyst

Date: 5/14/2015

E-mail Address: katchison@emkeycompanies.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.