

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
30-025-42757

2. Well Name
YATES 16 STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:16 Township:25S Range:35E
Feet from:230 N/S Line:N
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:16 Township:25S Range:35E
Feet from:230 N/S Line:N
Feet from:330 E/W Line:W

6. latitude: longitude:
32.1370064 -103.3799562

7. County:
Lea

8. Operator Name and Address:
ENDURANCE RESOURCES LLC
15455 Dallas Parkway
Suite 1050
Addison 75234

9. OGRID: 270329 10. Phone Number: 972-764-3131

11. Last Fracture Date: 12/16/2015 Frac Performed by: HALLIBURTON

12. Production Type:
O

13. Pool Code(s):
17980

14. Gross Fractured Interval:
9,300 ft to 13,344 ft

15. True Vertical Depth (TVD):
9,023 ft

16. Total Volume of Fluid Pumped:
4,466,316 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	89.84906%
HYDROCHLORIC ACID	Halliburton	Solvent	Hydrochloric acid	7647-01-0	0%	0%
D-AIR 3000L FDP-M1075-12, FR-86, LOSURF-360W, MC	Halliburton	Activator, Biocide, Breaker, Concentrate, Defoamer, Friction Reducer, Gelling Agent, Proppant,	NA	NA	0%	0%
SAND-PREMIUM WHITE-40/70, SP BREAKER, SUPERSET W,	Halliburton	Scale Inhibitor, Surfactant	NA	NA	0%	0%
			Acrylamide	79-06-1	0.1%	9E-05%
			Acrylic acid	79-10-7	0.01%	0%
			Alkane	Confidential	1%	0.00091%
			Alkenes	Confidential	100%	0.00135%
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5%	0.00123%
			Amide	Confidential	5%	0.00455%
			Amine salt	Confidential	0.1%	9E-05%
			Bentonite, benzy(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.00029%
			Complex alkylamine	Confidential	5%	0.00456%
			Copolymer of acrylamide and sodium acrylate	Confidential	30%	0.0273%
			Copper sulfate	7758-98-7	0.1%	9E-05%
			Crystalline silica, quartz	14808-60-7	100%	8.96001%
			Ethoxylated alcohol	Proprietary	5%	0.00455%
			Ethoxylated nonylphenol	Confidential	60%	0.00792%
			Ethyl alcohol	64-17-5	1%	0.00025%
			Ethylene glycol	107-21-1	60%	0.01286%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	1E-05%
			Fatty acid ester	Confidential	5%	0.0091%
			Glutaraldehyde	111-30-8	30%	0.00737%
			Glycerine	56-81-5	30%	0.03642%
			Guar gum	9000-30-0	100%	0.00585%
			Hexamethylenetetramine	100-97-0	2%	0.00578%
			Hydrochloric acid	7647-01-0	30%	0.29204%
			Hydrogen peroxide	7722-84-1	0.01%	1E-05%
			Hydrotreated light petroleum distillate	Proprietary	30%	0.0273%
			Methanol	67-56-1	60%	0.00792%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0.01%	1E-05%
			Phenol / formaldehyde resin	9003-35-4	5%	0.01444%
			Phosphoric acid	7664-38-2	0.1%	0.01444%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl- omega.-hydroxy-	61827-42-7	30%	0.02733%
			Polypropylene glycol	25322-69-4	30%	0.00041%
			Silica gel	112926-00-8	1%	6E-05%
			Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	30%	0.00041%
			Sodium bicarbonate	144-55-8	0.01%	1E-05%
			Sodium chloride	7647-14-5	10%	0.0091%
			Sodium glycollate	2836-32-0	0.01%	1E-05%
			Sodium hydroxide	1310-73-2	0.01%	1E-05%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.01021%
			Sodium persulfate	7775-27-1	100%	7E-05%
			Sodium polyacrylate	9003-04-7	1%	0.00021%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00012%
			Telomer	Confidential	10%	0.00214%
			Water	7732-18-5	100%	1.12929%

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: Peggy Redman Title: _____

Date: 1/4/2016

E-mail Address: peggy@enduranceresourcesllc.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.