

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:
30-015-40051

2. Well Name:
MARTHA AIK FEDERAL #007H

3. Well Number:
007H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:H Lot:H Section:11 Township:22S Range:31E
Feet from:1750 N/S Line:N
Feet from:200 E/W Line:E

5. Bottom Hole Location:
Unit:H Lot:H Section:11 Township:22S Range:31E
Feet from:1750 N/S Line:N
Feet from:200 E/W Line:E

6. latitude: longitude:
32.4084919335792 -
103.740705845694

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: 1/20/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
39360

14. Gross Fractured Interval:
8,378 ft to 12,508 ft

15. True Vertical Depth (TVD):
8,378 ft

16. Total Volume of Fluid Pumped:
2,042,508 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				100%	84.18846%
FE ACID - <10% HCL	Halliburton		Hydrochloric acid	7647-01-0	10%	0.19305%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.89073%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.48718%
			Hexamethylenetetramine	100-97-0	2%	0.04974%
			Phenol / formaldehyde resin	9003-35-4	5%	0.12436%
LOSURF-360, 330 GALL	Halliburton	Surfactant			100%	0%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00344%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01411%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02352%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00046%
			Ammonium sulfate inorganic salt	Confidential Business Information	30%	0.00273%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.05139%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.05139%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00012%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02267%
			Monoethanolamine borate	26038-87-9	100%	0.07556%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00336%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00061%
			Silica, amorphous precipitated	67762-90-7	30%	0.00018%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00374%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00024%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00067%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.18707%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00234%
			Walnut hulls	Mixture	100%	0.00779%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02227%
SALT	Halliburton	Additive	Sodium chloride	7647-14-5	100%	0.00173%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Acrylamide copolymer	108388-79-0	0%	0%
			Amine salt	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Defoamer	63148-62-9	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified acrylamide copolymer	153568-80-0	0%	0%
			Modified acrylate polymer	54076-97-0	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium acetate	127-09-3	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	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

Date: 3/4/2014

E-mail Address: tinah@ypcnm.com

Regulatory Reporting

Title: Supervisor

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.