

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:
30-025-36135

2. Well Name:
LOTUS SWD #004

3. Well Number:
004

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒Original
☐Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:32 Township:22S Range:32E
Feet from:990 N/S Line:N
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:32 Township:22S Range:32E
Feet from:990 N/S Line:N
Feet from:330 E/W Line:W

6. latitude:
32.3524768430108 longitude:
-103.704265858998

7. County:
Lea

8. Operator Name and Address:
YATES PETROLEUM CORPORATION
105 S 4TH ST
ARTESIA 88210

9. OGRID:
25575

10. Phone Number:

11. Last Fracture Date: 4/29/2013 Frac Performed by: Halliburton

12. Production Type:
S

13. Pool Code(s):
97003

14. Gross Fractured Interval:
5,850 ft to 6,450 ft

15. True Vertical Depth (TVD):
8,500 ft

16. Total Volume of Fluid Pumped:
107,688 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)
Fresh Water	Operator				100%	72.27654%
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.35408%
Premium Brown - 16/30	Halliburton				100%	23.28862%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.00078%
			Sodium hypochlorite	7681-52-9	30%	0.01171%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01577%
			Monoethanolamine borate	26038-87-9	100%	0.05257%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-53-6	1%	0.00067%
			Ethanol	64-17-5	60%	0.03998%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.01999%
			Naphthalene	91-20-3	5%	0.00333%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00333%
HpH Foamer	Halliburton	Non-ionic Surfactant	Amine	Confidential Business Information	100%	0.00359%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02862%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polypichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00363%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.17739%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.18801%
			Silica, amorphous precipitated	67762-90-7	30%	0.0564%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0041%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00084%
			Walnut hulls	Mixture	100%	0.00282%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.29662%
Fresh Water	Operator				100%	73.01884%
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	1.06928%
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	23.04919%
LOSURF-360W, 330 GA	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), alpha-isodecyl-, omega-hydroxy-	61827-42-7	30%	0.0006%
			Complex alkylamine		5%	0.0001%
			Sodium hypochlorite	7681-52-9	30%	0.01504%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polypichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00348%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01696%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02469%
			Monoethanolamine borate	26038-87-9	100%	0.0823%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00106%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.18955%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00243%
			Walnut hulls	Mixture	100%	0.0081%
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl)azo]-, trisodium salt	915-67-3	0%	0%
			Amine Salts	75-57-0	0%	0%
			Amine Salts	593-81-7	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%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Mixture	0%	0%
			Cured Acrylic Resin	9002-98-6	0%	0%
			Enzyme	9025-56-3	0%	0%
			Oxyalkylated Phenolic Resin	29316-47-0	0%	0%
			Oxyalkylated Phenolic Resin	63428-92-2	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary Amine	34004-36-9	0%	0%
			Quaternary Amine	3327-22-8	0%	0%
			Quaternary Amine	75-50-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium Chloride	7647-14-5	0%	0%
			Surfactant Mixture	67254-71-1	0%	0%
			Surfactant Mixture	56449-46-8	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	0%
			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%
			Amine Salts	75-57-0	0%	0%
			Amine Salts	593-81-7	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	Mixture	0%	0%
			Cured Acrylic Resin	9002-98-6	0%	0%
			Enzyme	37288-54-3	0%	0%
			Enzyme	9025-56-3	0%	0%
			Quaternary Amine	34004-36-9	0%	0%
			Quaternary Amine	3327-22-8	0%	0%
			Quaternary Amine	75-50-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium Chloride	7647-14-5	0%	0%
			Surfactant Mixture	67254-71-1	0%	0%
			Surfactant Mixture	56449-46-8	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	0%

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

Date: 9/10/2013

E-mail Address: tlnah@ypcnm.com

Regulatory Reporting Title: Supervisor

NMOCOD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCOD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.