

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 8, 2013

1. WELL API NO.
30-025-40518

2. Well Name:
TANGERINE BRT STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:27 Township:20S Range:35E
Feet from:100 N/S Line:N
Feet from:660 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:A Section:27 Township:20S Range:35E
Feet from:331 N/S Line:S
Feet from:661 E/W Line:E

6. latitude: 32.5511171760935 longitude: -103.438655341007

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: 5/4/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
24250

14. Gross Fractured Interval:
10,688 ft to 15,140 ft

15. True Vertical Depth (TVD):
10,688 ft

16. Total Volume of Fluid Pumped:
3,762,239 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%	96.42413%
MURIATIC ACID		Base Fluid	NA	NA	0%	0%
BC-140 X2, BE-9, CLA-STA XP ADDITIVE, Cla-Web (TM),	Halliburton	Additive, Biocide, Breaker, Buffer, Clay Stabilizer, Clay Stabilizer, Concentrate, Friction Reducer,	NA	NA	0%	0%
Scalechek(R) SCP-2 Scale Inhibitor, SP BREAKER, WG	Halliburton	Proppant, Scale Inhibitor, Scale Preventer, Solvent	NA	NA	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[[[4-sulfor-1-naphthalenyl] azo] - trisodium salt	915-67-3	0.1%	0%
			9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-, (Z)	93-83-4	5%	0.00027%
			Alcohols, C12-16, ethoxylated	68551-12-2	10%	0.00054%
			Aluminum Silicate	1302-76-7	100%	1.33611%
			Amine salts	Confidential	0.1%	0.00011%
			Ammonium chloride	12125-02-9	10%	0.00334%
			Ammonium persulfate	7727-54-0	100%	0.01022%
			Ammonium salt	Confidential	60%	0.0324%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.01079%
			Crystalline silica, cristobalite	14464-46-1	30%	0.40083%
			Crystalline silica, quartz	14808-60-7	30%	0.00307%
			Crystalline Silica, Quartz	14808-60-7	0.1%	0.00022%
			Cured acrylic resin	Confidential	30%	0.00307%
			Diatomaceous earth	61790-53-2	30%	0.40083%
			Ethylene glycol	107-21-1	30%	0.02278%
			Fatty acid ester	Confidential	5%	0.00027%
			Formaldehyde	50-00-0	1%	0.00162%
			Glassy calcium magnesium phosphate	65997-17-3	100%	0.00446%
			Guar gum	9000-30-0	100%	0.21573%
			Hexamethylenetetramine	100-97-0	0.01%	0.00013%
			Hydrochloric acid	7647-01-0	60%	1.06562%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.00161%
			Inorganic salt	Confidential	30%	0.00161%
			Iron oxide	1309-37-1	5%	0.06681%
			Monoethanolamine borate	26038-87-9	100%	0.07594%
			Mullite	1302-93-8	100%	1.33611%
			Organic phosphonate	Confidential	60%	0.01682%
			Paraffinic solvent	Confidential	100%	0.00411%
			Phenol	108-95-2	1%	0.01336%
			Phenol / formaldehyde resin	9003-35-4	5%	0.06681%
			Polyacrylate	Confidential	30%	0.00161%
			Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01184%
			Quaternary amine	Confidential	5%	0.00329%
			Silica gel	112926-00-8	1%	0.00216%
			Silica, amorphous - fumed	7631-86-9	30%	0.40083%
			Sodium bicarbonate	144-55-8	100%	0.00046%
			Sodium chloride	7647-14-5	5%	0.0027%
			Sodium hydroxide	1310-73-2	30%	8E-05%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00036%
			Sodium persulfate	7775-27-1	100%	0.00067%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00431%
			Titanium dioxide	13463-67-7	5%	0.06681%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00444%
			Trimethylamine, N-oxide	1184-78-7	5%	0.00099%
			Water	7732-18-5	100%	1.90748%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	48.413853%
			White Mineral Oil	8042-47-5	30%	24.206927%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.806898%
Ingredients shown above are subject to 29 CFR 1910			Ethylene Based Polymer	Trade Secret	0%	0%
			Proprietary Paraffin Inhibitor	Trade Secret	0%	20.172439%

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: 6/2/2015

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.