

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:
30-025-40514

2. Well Name:
GUAVA BRU STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:H Lot:H Section:31 Township:20S Range:35E
Feet from:2210 N/S Line:N
Feet from:28 E/W Line:E

5. Bottom Hole Location:
Unit:H Lot:H Section:31 Township:20S Range:35E
Feet from:2210 N/S Line:N
Feet from:28 E/W Line:E

6. Latitude:
32.5363791976577 -
Longitude:
103.485800720797

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: 1/6/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
5535

14. Gross Fractured Interval:
11,402 ft to 15,497 ft

15. True Vertical Depth (TVD):
10,797 ft

16. Total Volume of Fluid Pumped:
3,157,229 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%	85.96272%
FE ACID - >10% HCL	Halliburton		Hydrochloric acid	7647-01-0	30%	0.61085%
RC CERAMIC PROP	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	30%	1.1573%
			Mullite	1302-93-8	100%	3.85767%
			Phenol / formaldehyde resin	9003-35-4	5%	0.19288%
CERAMIC PROP	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	2.31931%
			Mullite	1302-93-8	100%	7.73103%
			Silica, amorphous - fumed	7631-86-9	30%	2.31931%
FDP-S1007-11	Halliburton	Surfactant	Citrus, extract	94266-47-4	10%	0.00303%
			Isopropanol	67-63-0	30%	0.00908%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.0035%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01338%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02103%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00021%
			Ammonium sulfate inorganic salt	Confidential Business Information	30%	0.00129%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01641%
			Monoethanolamine borate	26038-87-9	100%	0.05469%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00034%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00292%
			Ammonium acetate	631-61-8	100%	0.00974%
BE-6 MICROBIOCID	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00035%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19173%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00206%
			Walnut hulls	Mixture	100%	0.00686%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01993%
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8	100%	0.0008%
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%
			Acetic acid	64-19-7	0%	0%
			Acetic anhydride	108-24-7	0%	0%
			Acrylamide copolymer	108388-79-0	0%	0%
			Aluminum Silicate	1302-76-7	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%
			Citric acid	77-92-9	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%
			Hexamethylenetetramine	100-97-0	0%	0%
			Modified acrylamide copolymer	153568-80-0	0%	0%
			Modified acrylate polymer	54076-97-0	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

Regulatory Reporting Title: Supervisor

Date: 3/25/2014

E-mail Address: tinah@ypcnm.com

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