

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:
30-025-40220

2. Well Name:
WARRIOR BRW STATE COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:28 Township:23S Range:35E
Feet from:330 N/S Line:N
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:D Section:28 Township:23S Range:35E
Feet from:331 N/S Line:S
Feet from:667 E/W Line:W

6. latitude: 32.2819367192295 longitude: -103.378902073966

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: 2/19/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97958

14. Gross Fractured Interval:
11,970 ft to 15,859 ft

15. True Vertical Depth (TVD):
11,549 ft

16. Total Volume of Fluid Pumped:
3,999,650 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%	83.29159%
FE ACID - >10% HCL	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.83898%
CERAMIC Plus-30/50	Halliburton	Proppant	Mullite	1302-93-8	100%	11.89234%
			Crystalline silica, cristobalite	14464-46-1	30%	3.5677%
			Silica, amorphous - fumed	7631-86-9	30%	3.5677%
SAND-PREMIUM PLUS WHITE-20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.00946%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.01474%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01963%
Cla-Web	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02808%
OilPerm FMM-2	Halliburton	Surfactant	Isoproanol	67-63-0	30%	0.04826%
			Citrus extract	94286-47-4	10%	0.01609%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00986%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01805%
			Monocethanolamine borate	26038-87-9	100%	0.06018%
PermVis VFR-10	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00285%
			Alcohols, C12-16, ethoxylated	68551-12-2	10%	0.00095%
			Ammonium chloride	12125-02-9	10%	0.00095%
			9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-, (Z)	93-83-4	5%	0.00047%
Scalechek SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.00974%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.18144%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00097%
OptiKleen-WF	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00048%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00782%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Crystalline silica, quartz	14808-60-7	30%	0.00234%
			Calcined Diatomaceous Earth	91053-39-3	60%	48.193544%
			White Mineral Oil	8042-47-5	30%	24.096772%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.803226%
			Ethylene Based Polymer	Trade Secret	0%	0%
			Proprietary Paraffin Inhibitor	Trade Secret	0%	20.080643%
			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%
			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%
			Benzyl chloride	100-44-7	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%
			Ethoxylated alcohols	Confidential Business Information	0%	0%
			Ethoxylated amine	Confidential Business Information	0%	0%
			Ethoxylated fatty acid	Confidential Business Information	0%	0%
			Fatty acid ester	Confidential Business Information	0%	0%
			Glycol	Confidential Business Information	0%	0%
			Inorganic salt	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary ammonium compound	Confidential Business Information	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Triethylene glycol	112-27-6	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: 4/13/2015

E-mail Address: tinah@ypcnm.com

Regulatory Reporting Title: Supervisor

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