

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:
30-025-41604

2. Well Name:
CARAVAN STATE UNIT #009C

3. Well Number:
009C

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:C Lot:C Section:33 Township:24S Range:33E
Feet from:50 N/S Line:N
Feet from:1930 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot:C Section:33 Township:24S Range:33E
Feet from:331 N/S Line:S
Feet from:1947 E/W Line:W

6. latitude:
32.181216514887 longitude:
-103.579545760877

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: 1/23/2015 Frac Performed by: Halliburton/Baker Hughes

12. Production Type:
O

13. Pool Code(s):
96682

14. Gross Fractured Interval:
11,998 ft to 15,769 ft

15. True Vertical Depth (TVD):
11,079 ft

16. Total Volume of Fluid Pumped:
3,834,947 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%	88.71352%
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.13943%
CERAMIC PROP PLUS	Halliburton	Proppant	Crystalline silica, cristoballite	14464-46-1	30%	2.82527%
			Mullite	1302-93-8	100%	9.41755%
			Silica, amorphous - fumed	7631-86-9	30%	2.82527%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00388%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01834%
			Monoethanolamine borate	26038-87-9	100%	0.06115%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00122%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.04172%
OILPERM FMM-2	Halliburton				100%	0%
BE-9W	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00398%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00383%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00285%
			Walnut hulls	Mixture	100%	0.00951%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.22738%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00341%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.00892%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00133%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	48.2851%
			White Mineral Oil	8042-47-5	30%	24.14255%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.80475%
Ingredients Listed Below This Line Are Part of the			Ethylene Based Polymer	Trade Secret	0%	0%
			Proprietary Paraffin Inhibitor	Trade Secret	0%	20.11879%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfon-1-naphthalenyl) azo] - trisodium salt	915-67-3	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Aluminum Silicate	1302-76-7	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	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	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Diatomaceous earth	61790-53-2	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Fatty acid tall oil amide	Confidential Business Information	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Hexamethylenetetramine	100-97-0	0%	0%
			Iron oxide	1309-37-1	0%	0%
			Phenol	108-95-2	0%	0%
			Phenol / formaldehyde resin	9003-35-4	0%	0%
			Polyacrylamide copolymer	Confidential Business Information	0%	0%
			Propylene glycol	57-55-6	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%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-8	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Titanium dioxide	13463-67-7	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: 3/12/2015

E-mail Address: tinah@ypcnm.com

Regulatory Reporting Title: Supervisor

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