

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.
30-025-41744

2. Well Name:
CARAVAN STATE UNIT #010H

3. Well Number:
010H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:33 Township:24S Range:33E
Feet from:15 N/S Line:N
Feet from:2150 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:B Section:33 Township:24S Range:33E
Feet from:266 N/S Line:S
Feet from:2152 E/W Line:E

6. latitude: longitude:
32.1813079983724 -103.575714691838

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: 10/22/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96682

14. Gross Fractured Interval:
11,333 ft to 15,820 ft

15. True Vertical Depth (TVD):
11,085 ft

16. Total Volume of Fluid Pumped:
9,912 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%	14.03285%
FE ACID - >10% HCL	Halliburton		Hydrochloric acid	7647-01-0	30%	2.26046%
CERAMIC PLUS-20/40	Halliburton		Crystalline Silica, cristobalite	14464-46-1	30%	0.29036%
			Silica, amorphous - fumed	7631-86-9	30%	0.29036%
			Mullite	1302-93-8	100%	0.96785%
CRC - C 20/40	Halliburton		Crystalline Silica, quartz	14808-60-7	100%	0.28135%
			Phenol/formaldehyde resin	9003-35-4	5%	0.01407%
			Hexamethylenetetramine	100-97-0	2%	0.00563%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.03347%
Cia-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.13556%
LOSURF-360	Halliburton		Poly(oxy-1, 2-ethanediyl), alpha -isodecyl- omega -hydroxy- Complex alkylamine	61827-42-7	30%	0.00415%
				Confidential Business Information	5%	0.00069%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.01115%
			Potassium metaborate	13709-94-9	60%	0.13381%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.34779%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.03714%
ACTIVATOR-USA	Halliburton		Isopropanol	67-63-0	50%	0.1961%
			Alcohols, C-9 to C-11, ethoxylated	69439-46-3	60%	0.23521%
CLA-STAXP ADDITIVE	Halliburton	Clay Stabilizer	Polypichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.06582%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	1.59382%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.05913%
			Crystalline silica, quartz	14808-60-7	30%	0.01774%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.1681%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00338%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	51.724138%
			White Mineral Oil	8042-47-5	30%	25.862069%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.862069%
			Acetic acid	64-19-7	0%	0.00125%
			Acetic anhydride	108-24-7	0%	0.00125%
			Acrylate polymer	Confidential Business Information	0%	0.0001%
			Alkane	Confidential Business Information	0%	0.00014%
			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%	0.00133%
			Borate salts	Confidential Business Information	0%	0.00579%
			Citric acid	77-92-9	0%	0.00125%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0.0003%
			Diatomaceous earth	61790-53-2	0%	0.29036%
			Ethylenediaminetetraacetic acid, tetrasodium salt	642-02-8	0%	0%
			Formaldehyde	50-00-0	0%	0.00097%
			Hexamethylenetetramine	100-97-0	0%	0.0001%
			Iron oxide	1309-37-1	0%	0.04839%
			Phenol	108-95-2	0%	0.00968%
			Phenol/formaldehyde resin	9003-35-4	0%	0.04839%
			Quaternary amine	Confidential Business Information	0%	0.00019%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0.00027%
			Sodium bicarbonate	144-55-8	0%	0.00027%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0.0001%
			Sodium chloride	7647-14-5	0%	0.00031%
			Sodium glycolate	2936-32-0	0%	0.0001%
			Sodium sulfate	7757-82-6	0%	0.00027%
			Surfactant mixture	Confidential Business Information	0%	0.00027%
			Surfactant mixture	Confidential Business Information	0%	0.00027%
			Titanium dioxide	13463-67-7	0%	0.04839%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	0%
			Ethylene Based Polymer	Trade Secret	0%	0%
			Proprietary Paraffin Inhibitor	Trade Secret	0%	21.551724%

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 Supervisor

Date: 1/7/2015

E-mail Address: tinah@ypcnm.com

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