

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

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:25 Township:26S Range:27E
Feet from:10 N/S Line:N
Feet from:990 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:1 Section:36 Township:26S Range:27E
Feet from:327 N/S Line:S
Feet from:643 E/W Line:E

6. latitude: longitude:
32.0204206722952 -104.138524034266

7. County:
Eddy

8. Operator Name and Address:
YATES PETROLEUM CORPORATION
105 S 4TH ST
ARTESIA 88210

9. OGRID: 25575

10. Phone Number:

11. Last Fracture Date: 3/30/2015 Frac Performed by: Halliburton

12. Production Type:

13. Pool Code(s):
30215

14. Gross Fractured Interval:
8,068 ft to 14,578 ft

15. True Vertical Depth (TVD):
7,805 ft

16. Total Volume of Fluid Pumped:
6,377,357 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%	83.75031%
FE ACID - >10% HCL	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.3736%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.85244%
CRC SAND PREMIUM	Halliburton		Crystalline silica, quartz	14808-60-7	100%	2.76072%
			Hexamethylenetetramine	100-97-0	2%	0.05521%
			Phenol / formaldehyde resin	9003-35-4	5%	0.13804%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.0023%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00401%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.0281%
Hoh BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00015%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00021%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00445%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01987%
			Monoethanolamine borate	26038-87-9	100%	0.06625%
OILPERM FMM-2	Halliburton	Surfactant	Isopropanol	67-63-0	30%	0.02306%
			Citrus, extract	94266-47-4	10%	0.00769%
PermVis VFR-10	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00113%
			Alcohols, c12-16, ethoxylated	68551-12-2	10%	0.00038%
			Ammonium chloride	12125-02-9	10%	0.00038%
			9-octadecenamide	93-83-4	5%	0.00019%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.00331%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00278%
			Walnut hulls	Mixture	100%	0.00926%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19351%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00035%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	60%	49.315608%
			White Mineral Oil	8042-47-5	30%	24.657804%
			Silica, Crystalline-Quartz	14808-60-7	1%	0.821927%
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-sulfur-1-naphthalenyl)azo] -, trisodium salt	915-67-3	0%	0%
			Acetic acid	64-19-7	0%	0.01244%
			Acetic anhydride	108-24-7	0%	0.01244%
			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%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Citric acid	77-92-9	0%	0.01244%
			Crystalline Silica, Quartz	14808-60-7	0%	0.00019%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0.00278%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0.00046%
			Ethoxylated alcohols	Confidential Business Information	0%	0.00384%
			Ethoxylated amine	Confidential Business Information	0%	0.00077%
			Ethoxylated fatty acid	Confidential Business Information	0%	0.00384%
			Fatty acid ester	Confidential Business Information	0%	0.00019%
			Formaldehyde glycol	50-00-0	0%	0.00023%
				Confidential Business Information	0%	0.00384%
			Inorganic salt	Confidential Business Information	0%	0.00113%
			Organic phosphonate	Confidential Business Information	0%	0.01378%
			polyacrylate	Confidential Business Information	0%	0.00113%
			Quaternary amine	Confidential Business Information	0%	0.00234%
			Quaternary amine	Confidential Business Information	0%	0.00047%
			Quaternary amine	Confidential Business Information	0%	5E-05%
			quaternary ammonium compound	Confidential Business Information	0%	0.00769%
			Silica gel	112926-00-8	0%	0.00193%
			Sodium chloride	7647-14-5	0%	0.00235%
			Surfactant mixture	Confidential Business Information	0%	0.00193%
			Surfactant mixture	Confidential Business Information	0%	0.00193%
			Triethylene glycol	112-27-6	0%	0.00384%
			Trimethylamine, N-oxide	1184-78-7	0%	0.00037%
			Water	7732-18-5	0%	1.49224%

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

Date: 5/4/2015 Title: Supervisor

E-mail Address: tinah@ypcnm.com

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