

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.
30-015-42755

2. Well Name:
HUMIDOR BML STATE COM #005H

3. Well Number:
005H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:I Lot:I Section:23 Township:24S Range:27E
Feet from:2365 N/S Line:S
Feet from:575 EW Line:E

5. Bottom Hole Location:
Unit:P Lot:I Section:26 Township:24S Range:27E
Feet from:331 N/S Line:S
Feet from:415 EW Line:E

6. latitude: 32.2021873377383 longitude: -104.154666519155

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: 6/11/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96415

14. Gross Fractured Interval:
9,452 ft to 16,115 ft

15. True Vertical Depth (TVD):
9,100 ft

16. Total Volume of Fluid Pumped:
9,008,758 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		
15% NEFE Acid	Halliburton				100%	95.46465%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.97578%
CRC SAND PREMIUM	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.3244%
			Hexamethylenetetramine	100-97-0	2%	0.00649%
			Phenol / formaldehyde resin	9003-35-4	5%	0.01622%
Cia-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.02984%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00461%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00023%
Scalechek(R) LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00294%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02364%
			Monoethanolamine borate	26038-87-9	100%	0.07882%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00411%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00114%
			Propargyl alcohol	107-19-7	10%	0.00019%
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive	Acetic acid	64-19-7	60%	0.00458%
			Acetic anhydride	108-24-7	100%	0.00764%
FE-2A	Halliburton	Additive	Citric acid	77-92-9	60%	0.00528%
OILPERM FMM-2	Halliburton	Surfactant	Citrus, extract	94268-47-4	100%	0.01923%
			Isopropanol	67-56-1	10%	0.05771%
LOSURF-360	Halliburton	Surfactant	Complex Alkylamine	100545-50-4	30%	0%
			Poly(oxy-1,2-ethanedilyl), alpha-isodecyl-omega-hydroxy-	61827-42-7	30%	0.00021%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.21927%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00308%
			Walnut hulls	Mixture	100%	0.01025%
BE-6 MICROBIOCID	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glaassy calcium magnesium phosphate	65997-17-3	100%	0.00431%
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%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%
			Alkane	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Amine salts	Confidential	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%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Fatty acids, tall oil	Confidential	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Organic phosphonate	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Surfactant mixture	Confidential	0%	0%
			Surfactant mixture	Confidential	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

Date: 7/8/2015

Title: Supervisor

E-mail Address: tnah@ypcnm.com

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