

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: 30-025-41670						
		2. Well Name: CRANBERRY BSU STATE COM #005H						
		3. Well Number: 005H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: P Lot: P Section: 11 Township: 21S Range: 33E Feet from: 15 N/S Line: S E/W Line: E Feet from: 680						
		5. Bottom Hole Location: Unit: A Lot: P Section: 11 Township: 21S Range: 33E Feet from: 331 N/S Line: N E/W Line: E Feet from: 674						
		6. latitude: 32.4860575143228 longitude: -103.536840152586						
		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: 1/7/2015 Frac Performed by: Halliburton		12. Production Type: O						
13. Pool Code(s): 5535		14. Gross Fractured Interval: 11,261 ft to 15,928 ft						
15. True Vertical Depth (TVD): 10,917 ft		16. Total Volume of Fluid Pumped: 3,863,889 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	Water	7732-18-5	100%	85.78517%		
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.58037%		
CERAMIC PROP PLUS	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	3.59714%		
			Mullite	1302-93-8	100%	11.99046%		
			Silica, amorphous - fumed	7631-86-9	30%	3.59714%		
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00207%		
Clayfix 3	Halliburton	Additive	Sodium chloride	7647-14-5	30%	0.00411%		
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00034%		
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01795%		
			Monoethanolamine borate	26038-87-9	100%	0.05982%		
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00333%		
OILPERM FMM-1	Halliburton				100%	0%		
PermVis VFR-10	Halliburton				100%	0%		
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00294%		
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0%		
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00243%		
			Walnut hulls	Mixture	100%	0.00812%		
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17141%		
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.004%		
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00121%		
SP BREAKER Ingredients Listed Below This Line Are Part of the	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00116%		
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%		
			Aluminum Silicate	1302-76-7	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 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%		
			Formaldehyde	50-00-0	0%	0%		
			Hexamethylenetetramine	100-97-0	0%	0%		
			Inorganic salt	Confidential Business Information	0%	0%		
			Iron oxide	1309-37-1	0%	0%		
			Magnesium chloride hexahydrate	7791-18-6	0%	0%		
			Phenol	108-95-2	0%	0%		
			Phenol / formaldehyde resin	9003-35-4	0%	0%		
			Silica gel	112926-00-8	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%		
			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		Regulatory Reporting Title: Supervisor			
			Date: 2/5/2015					
			E-mail Address: tinah@ypcnm.com					

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