

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: 30-015-40963							
		2. Well Name: HARACZ AMO FEDERAL #010H							
		3. Well Number: 010H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: A Lot: A Section: 24 Township: 24S Range: 31E Feet from: 200 N/S Line: N Feet from: 660 E/W Line: E							
		5. Bottom Hole Location: Unit: A Lot: A Section: 24 Township: 24S Range: 31E Feet from: 200 N/S Line: N Feet from: 660 E/W Line: E							
		6. Latitude: 32.2095298073295 longitude: -103.725127176876							
		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: 6/30/2014 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 96556		14. Gross Fractured Interval: 11,026 ft to 15,128 ft							
15. True Vertical Depth (TVD): 10,623 ft		16. Total Volume of Fluid Pumped: 3,175,842 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%	99.30453%			
FE ACID - >10% HCL	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	0.08496%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02179%			
			Monoethanolamine borate	26038-87-9	100%	0.07262%			
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.00503%			
			Glycerine	56-81-5	10%	0.01006%			
			Poly(oxy-1,2-ethanedilyl), .alpha.-isodecyl- omega -hydroxy-	61827-42-7	30%	0.03017%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00372%			
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.03068%			
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01126%			
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00027%			
ACTIVATOR W	Halliburton	Accelerator	Alcohols, C12-14-secondary, ethoxylated	84133-50-6	60%	0.03702%			
			Methanol	67-56-1	60%	0.03702%			
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00474%			
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00466%			
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00207%			
			Silica, amorphous precipitated	67762-90-7	30%	0.00062%			
LP-65	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00093%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00113%			
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01537%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14908-60-7	30%	0.00307%			
			Walnut hulls	Mixture	100%	0.01024%			
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%			
			Acetic anhydride	108-24-7	0%	0%			
			Alcohols, C12-14-secondary	126950-60-5	0%	0%			
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%			
			Alkane	Confidential Business Information	0%	0%			
			Amine salts	Confidential Business Information	0%	0%			
			Amine salts	Confidential Business Information	0%	0%			
			Ammonium chloride	12125-02-9	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Calcium chloride	10043-52-4	0%	0%			
			Citric acid	77-02-9	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%			
			Fatty acid tall oil amide	Confidential Business Information	0%	0%			
			Formaldehyde	50-00-0	0%	0%			
			Hydrogen peroxide	7722-84-1	0%	0%			
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0%	0%			
			Organic phosphonate	Confidential Business Information	0%	0%			
			Polyacrylamide copolymer	Confidential Business Information	0%	0%			
			Polyethylene glycol	25322-68-3	0%	0%			
			Polypropylene glycol	25322-69-4	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Sodium bicarbonate	144-55-8	0%	0%			
			Sodium chloride	7647-14-5	0%	0%			
			Sodium glycolate	2836-32-0	0%	0%			
			Sodium hydroxide	1310-73-2	0%	0%			
			Sorbitan monooleate	9005-65-6	0%	0%			
			polyoxyethylene derivative						
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	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: 8/26/2014									
E-mail Address: tinah@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.