

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: 30-025-40472				
		2. Well Name: AVOCADO BRO STATE #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:32 Township:20S Range:35E Feet from:150 N/S Line:N Feet from:660 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:D Section:32 Township:20S Range:35E Feet from:150 N/S Line:N Feet from:660 E/W Line:W				
		6. Latitude: 32.5364479157886 Longitude: - 103.485800941045				
		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: 11/11/2013 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 5535		14. Gross Fractured Interval: 11,195 ft to 15,600 ft				
15. True Vertical Depth (TVD): 10,934 ft		16. Total Volume of Fluid Pumped: 2,912,516 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)
WF110, YF120FLEXD, YF125FLEXD, HCL 15%	Schlumberger	Proppant Transport, Acid	Water (Including Mix Water Supplied by Client)*	NA	0%	85.26435%
			Crystalline silica	14808-60-7	89.63993%	13.20903%
			Phenolic resin	9003-35-4	3.28523%	0.4841%
			Hydrogen chloride	7647-01-0	2.15911%	0.31816%
			Guar gum	9000-30-0	1.56073%	0.22998%
			Hexamethylenetetramine	100-97-0	0.9377%	0.13818%
			Ethane-1,2-diol	107-21-1	0.52548%	0.07743%
			Cholinium chloride	67-48-1	0.44008%	0.06485%
			Sodium erythorbate	6381-77-7	0.26423%	0.03894%
			Diammonium peroxidisulphate	7727-54-0	0.23691%	0.03491%
			Glutaraldehyde	111-30-8	0.08384%	0.01235%
			Methanol	67-56-1	0.07745%	0.01141%
			Gum, xanthan	11138-66-2	0.07505%	0.01106%
			Sodium hydroxide	1310-73-2	0.07068%	0.01041%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.06355%	0.00937%
			Fatty acids, tall-oil	61790-12-3	0.05689%	0.00838%
			Sodium tetraborate	1330-43-4	0.04804%	0.00708%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.04681%	0.0069%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03611%	0.00532%
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.02178%	0.00321%
			Prop-2-yn-1-ol	107-19-7	0.01452%	0.00214%
			Alkenes, C>10 a-	64743-02-8	0.00968%	0.00143%
			Polyethylene glycol monohexyl ether	31726-34-8	0.00524%	0.00077%
			Sodium Glycolate (impurity)	2836-32-0	0.00515%	0.00076%
			Propan-2-ol	67-63-0	0.00438%	0.00065%
			Non-crystalline silica	7631-86-9	0.00425%	0.00063%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00243%	0.00036%
			Disodium Ethylene Diamine Tetra Acetate (Impurity)	139-33-3	0.00172%	0.00025%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00172%	0.00025%
			Glycerol	56-81-5	0.00144%	0.00021%
			Crosslinked PO/EO-block polymer	68123-18-2	0.0013%	0.00019%
			Magnesium silicate hydrate (talc)	14807-96-6	0.0011%	0.00016%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00086%	0.00013%
			poly(tetrafluoroethylene)	9002-84-0	0.00047%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00043%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00043%	0%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00043%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00022%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.0002%	0%
			Propylene glycol	57-55-6	0%	0%
			2-ethylhexan-1-ol	104-76-7	0%	0%
Potassium oleate	143-18-0	0%	0%			
Oleic acid	112-80-1	0%	0%			
Acetic acid, potassium salt	127-08-2	0%	0%			
Acetic acid	64-19-7	0%	0%			
† Proprietary Technology					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: 2/6/2014						
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.