

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: 30-025-32333						
		2. Well Name: SANTA FE #133						
		3. Well Number: 133						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:31 Township:17S Range:35E Feet from:435 N/S Line:S Feet from:1930 E/W Line:E						
		5. Bottom Hole Location: Unit:O Lot:O Section:31 Township:17S Range:35E Feet from:435 N/S Line:S Feet from:1930 E/W Line:E						
		6. Latitude: 32.7854367361682 Longitude: - 103.494735819723						
		7. County: Lea						
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817	10. Phone Number: 505-326-9518					
11. Last Fracture Date: 12/20/2013 Frac Performed by: Baker Hughes		12. Production Type: O						
13. Pool Code(s): 61850, 62110		14. Gross Fractured Interval: 7,270 ft to 7,370 ft						
15. True Vertical Depth (TVD): 7,370 ft		16. Total Volume of Fluid Pumped: 185,556 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)		
Water	Operator	Carrier	Water	7732-18-5	100%	83.49949%		
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.5635%		
Activator, 330 gal tote	Baker Hughes	Activator	Water	7732-18-5	85%	3.19316%		
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.03882%		
			Methanol	67-56-1	50%	0.02773%		
			Water	7732-18-5	75%	0.02364%		
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.02364%		
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00702%		
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	100%	0.04185%		
ClayTreat 4390	Baker Hughes	Clay Control	Non-hazardous ingredients (non-MSDS level ingredients are disclosed as dissociated components)	n/a	100%	0.01473%		
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01878%		
Cl-27	Baker Hughes	Corrosion Inhibitor	Water	7732-18-5	30%	0.00751%		
			Fatty Acids	Trade Secret	30%	0.00192%		
			Methanol	67-56-1	60%	0.00384%		
			Olefin	Trade Secret	5%	0.00032%		
			Polyoxyalkylenes	Trade Secret	30%	0.00192%		
			Propargyl Alcohol	107-19-7	10%	0.00064%		
			Thiourea Polymer	68527-49-1	30%	0.00192%		
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.03281%		
			Sodium Hydroxide	1310-73-2	10%	0.01094%		
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.03281%		
			BioSealers	Baker Hughes	Degradable Sealers	Gelatin	9000-70-8	100%
BioSealers MR	Baker Hughes	Degradable Sealers	Glutaraldehyde	111-30-8	1%	5E-05%		
FRW-18	Baker Hughes	Friction Reducer	Non-Hazardous Ingredient	Trade Secret	100%	0.0054%		
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00415%		
			Oxalkylated Alcohol	Trade Secret	5%	0.00104%		
			Petroleum Distillates	64742-47-8	30%	0.00622%		
			Polyacrylate	Trade Secret	60%	0.01243%		
GW-4LDF	Baker Hughes	Gelling Agent	Sodium Chloride	7647-14-5	3%	0.00062%		
			Guar Gum	9000-30-0	60%	0.26341%		
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.30732%		
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.30732%		
Ferrotrol 280L	Baker Hughes	Iron Control	Petroleum Distillate Blend (2)	64742-55-8	70%	0.30732%		
			2-Mercaptoethanol	60-24-2	100%	0.0109%		
			Ammonium Hydroxide	1336-21-6	5%	0.00054%		
			Cupric Chloride	7447-39-4	5%	0.00054%		
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04366%		
Sand, White, 20/40	Baker Hughes	Proppant	Propylene Glycol	57-55-6	30%	0.0262%		
			Crystalline Silica (Quartz)	14808-60-7	100%	8.74864%		
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.22791%		
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02295%		
			Mixture of Surfactants	Trade Secret	50%	0.03825%		
Ingredients shown above are subject to 29 CFR 1910			Water	7732-18-5	30%	0.02295%		
			Choline Chloride	67-48-1	0%	0.0110463%		
			Ethoxylated Alcohol	Trade Secret	0%	0.0002766%		
			Formaldehyde	50-00-0	0%	3.2E-06%		
			Glutaraldehyde	111-30-8	0%	0.0094573%		
			Hemicellulase	9025-56-3	0%	0.0012555%		
			Enzyme Concentrate					
			Methanol	67-56-1	0%	7.88E-05%		
			Methyl salicylate	119-36-8	0%	0%		
			Oleate Ester	1338-43-8	0%	0.0006217%		
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0041497%		
			Polysorbate	9005-65-6	0%	0.0006217%		
			Salt	Trade Secret	0%	0.0006916%		
			Sodium Chloride	7647-14-5	0%	3.2E-05%		
			Sorbitan Monooleate	Trade Secret	0%	0.0006916%		
			Water	7732-18-5	0%	0.084501%		
			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: <u>Signed Electronically</u>		Printed Name: <u>Rhonda S Rogers</u>		Staff Regulatory Title: <u>Technician</u>	
Date: <u>1/8/2014</u>								
E-mail Address: <u>rhonda.s.rogers@conocoPhillips.com</u>								

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.