

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 February 15, 2012				
		1. WELL API NO: 30-045-35070				
		2. Well Name: HARDIE #002N				
		3. Well Number: 002N				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:K Lot:K Section:28 Township:29N Range:08W Feet from:2363 N/S Line:S Feet from:1694 E/W Line:W				
		5. Bottom Hole Location: Unit:K Lot:K Section:28 Township:29N Range:08W Feet from:2363 N/S Line:S Feet from:1694 E/W Line:W				
		6. latitude: longitude: 36.69619 -107.68497				
		7. County: San Juan				
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: 3/22/2013 Frac Performed by: Baker			12. Production Type: G			
13. Pool Code(s): 71599, 72319			14. Gross Fractured Interval: 4,620 ft to 7,444 ft			
15. True Vertical Depth (TVD): 7,470 ft			16. Total Volume of Fluid Pumped: 3,318 bbls			
17. 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%	58.02853%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.17217%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.12412%
Alpha 1427	Baker Hughes	Biocide	Water	7732-18-5	85%	0.70334%
			Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00446%
			Ethanol	64-17-5	5%	0.00223%
			Glutaraldehyde	111-30-8	30%	0.01337%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00223%
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00764%
Cl-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00091%
			Methanol	67-56-1	60%	0.00182%
			Olefin	Trade Secret	5%	0.00015%
			Polyoxyalkylenes	Trade Secret	30%	0.00091%
			Propargyl Alcohol	107-19-7	10%	0.0003%
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9	5.47%	0.00139%
			Crystalline Silica Quartz	14808-60-7	1%	0.00025%
			Diatomaceous Earth, Calcined	91053-39-3	80%	0.02038%
			Quaternary Ammonium Chloride	61789-71	15.06%	0.00384%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate	Trade Secret	1%	0.00635%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.02117%
			Isopropanol	67-63-0	30%	0.06352%
			Sodium Sulfonate	68439-57-6	30%	0.06352%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00959%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00385%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	24.83895%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00025%
			Oxyalkylated Alkylphenol	9016-45-9	10%	8E-05%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	14.79828%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00611%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.0002%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.02038%
			Phosphonic Acid	13598-36-2	1%	0.0002%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01703%
			Mixture of Surfactants	Trade Secret	60%	0.03406%
			Water	7732-18-5	50%	0.02839%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
18. 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: Patsy Clugston		Title: Senior Regulatory Specialist		
Date: 5/31/2013						
E-mail Address: patsy.l.clugston@conocophillips.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.