

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. 30-043-21123				
		2. Well Name: LYBROOK H03 2206 #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:H Lot:H Section:3 Township:22N Range:06W Feet from:2325 N/S Line:N Feet from:138 E/W Line:E				
		5. Bottom Hole Location: Unit:E Lot:E Section:3 Township:22N Range:06W Feet from:2313 N/S Line:N Feet from:339 E/W Line:W				
		6. latitude: longitude: 0 0				
		7. County: Sandoval				
8. Operator Name and Address: ENCANA OIL & GAS (USA) INC. 370 17th Street, Suite 1700 Denver 80202		9. OGRID: 282327		10. Phone Number: 720-876-3989		
11. Last Fracture Date: 5/11/2013 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 42289		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 5,397 ft		16. Total Volume of Fluid Pumped: 20,257 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	Dugan Production	Carrier	Water	7732-18-5	100%	49.9501%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00272%
			Ethanol	64-17-5	5%	0.00136%
			Glutaraldehyde	111-30-8	30%	0.00815%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00136%
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00039%
Enzyme G-III	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	0.1%	2E-05%
			Water	7732-18-5	99.9%	0.0217%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.04444%
			Water	7732-18-5	30%	0.01777%
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9	5.47%	0.00046%
			Crystalline Silica Quartz	14808-60-7	1%	8E-05%
			Diatomaceous Earth, Calcined	91053-39-3	80%	0.00676%
			Quaternary Ammonium Chloride	61789-71	15.06%	0.00127%
BioSealers MR	Baker Hughes	Degradable Sealers	Non-Hazardous Ingredient	Trade Secret	100%	0.0007%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate	Trade Secret	1%	0.00604%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.02012%
			Isopropanol	67-63-0	30%	0.06035%
			Sodium Sulfonate	68439-57-6	30%	0.06035%
GW-3LDF	Baker Hughes	Gelling Agent	1-Butoxy-2-Propanol	5131-66-8	5%	0.01542%
			Crystalline Silica, Quartz (SiO2)	14808-60-7	5%	0.01542%
			Guar Gum	9000-30-0	60%	0.18506%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01542%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.09253%
			Petroleum Distillates	64742-47-8	30%	0.09253%
			Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen
NE-900, drum	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00574%
			Nonyl Phenyl Polyethylene Glycol Ether	9016-45-9	10%	0.00191%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00933%
			Oxalkylated Alkylphenol	9016-45-9	10%	0.00311%
Parasorb 5005, 50 lb bag	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	100%	0.02957%
			Complex Ester	Trade Secret	30%	0.00887%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.0003%
			Ethylene-Vinyl Acetate Copolymer	Trade Secret	5%	0.00148%
			Heavy Aromatic Naphtha	64742-94-5	10%	0.00296%
			Mineral Oil	8042-47-5	5%	0.00148%
			Naphthalene	91-20-3	1%	0.0003%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	22.8105%
			Crystalline Silica (Quartz)	14808-60-7	100%	2.18918%
Sand, Brown, 12/20	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.18918%
			Crystalline Silica (Quartz)	14808-60-7	100%	2.18918%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00253%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	8E-05%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.00845%
			Phosphonic Acid	13598-36-2	1%	8E-05%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01536%
			Mixture of Surfactants	Trade Secret	60%	0.03072%
			Water	7732-18-5	50%	0.0256%
			2-Butoxy-1-Propanol	15821-83-7	0%	0.00025%
Ingredients shown above are subject to 29 CFR 1910			Copolymer	Trade Secret	0%	0.0201%
			Ethoxylated Alcohol	NP-R2429_2	0%	0.00201%
			Ethylene Glycol	107-21-1	0%	0.00209%
			Fatty Amide Derivative	70851-08-0	0%	0.00201%
			Formaldehyde	50-00-0	0%	0.00201%
			Phosphoric Acid	7664-39-2	0%	1E-05%
			Polyoxyalkylenes	78330-21-9	0%	3E-05%
			Sodium Chloride	7647-14-5	0%	0.00201%
			Sodium Sulfate	7757		