

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: 30-043-21196				
		2. Well Name: LYBROOK E33 2307 #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:E Section:33 Township:23N Range:07W Feet from:1770 N/S Line:N Feet from:545 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot: Section:32 Township:23N Range:07W Feet from:1707 N/S Line:N Feet from:352 E/W Line:W				
		6. latitude: 36.1856862896354 longitude: -107.586937902537				
		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: 10/17/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 1039		14. Gross Fractured Interval: 5,710 ft to 10,026 ft				
15. True Vertical Depth (TVD): 10,026 ft		16. Total Volume of Fluid Pumped: 1,070,408 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%	64.6707962%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.0007228%
			Ethanol	64-17-5	5%	0.0003614%
			Glutaraldehyde	111-30-8	30%	0.0021684%
			Quaternary Ammonium Compound	68424-85-1	5%	0.0003614%
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.038154%
			Potassium Hydroxide	1310-58-3	30%	0.019077%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.0556626%
			Water	7732-18-5	30%	0.022285%
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in the non-MSDS section of the report	NA	0%	0%
GBW-5	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.000471%
GW-3LDF	Baker Hughes	Gelling Agent	1-butoxy-2-propanol	5131-66-8	5%	0.0161263%
			Crystalline Silica: Quartz	14808-60-7	5%	0.0161263%
			Guar Gum	9000-30-0	60%	0.193516%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.0161263%
			Mineral Oil	8042-47-5	70%	0.2257687%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.096758%
			Petroleum Distillates	64742-47-8	30%	0.096758%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.016354%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.003297%
NE-900, drum	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.0176203%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.0058734%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.0016966%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.0005655%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.4133379%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	31.7630687%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Trimethylene Phosphonic Acid	Trade Secret	28%	0.0026376%
			Crystalline Silica (Quartz)	14808-60-7	1%	9.42E-05%
X-Cide 725, tote	Baker Hughes	Biocide	2-Methyl-2-nitropropane-1,3-diol	77-49-6	1%	0.0001657%
			Formaldehyde	50-00-0	1%	0.0001657%
			Nitromethane	75-52-5	1%	0.0001657%
			Tns(hydroxymethyl) nitromethane	126-11-4	30%	0.0049725%
XLW-4	Baker Hughes	Crosslinker	Water	7732-18-5	75%	0.0124312%
N/A		Other Chemicals	Sodium Tetraborate	1303-96-4	30%	0.0178216%
			2-butoxy-1-propanol	Trade Secret	0%	0.0003225%
			Alcohols, ethoxylated	Trade Secret	0%	0.0054513%
			Amines, unsatd. alkyl, ethoxylated	Trade Secret	0%	0.0027257%
			Crystalline Cristobalite	Trade Secret	0%	9.42E-05%
			Diatomaceous Earth, Calcined	91053-39-3	0%	0.0069708%
			Glycerin	Trade Secret	0%	0.0148513%
			Hemicellulase	9025-56-3	0%	0.0009044%
			Enzyme Concentrate	Trade Secret	0%	3.3E-05%
			Hydrated Magnesium Silicate	Trade Secret	0%	
			Phosphonic Acid	13598-36-2	0%	9.42E-05%
			Poly (Tetrafluoroethylene)	Trade Secret	0%	1.65E-05%
			Polyamines	Trade Secret	0%	0.025756%
			Polyethylene glycol nonylphenyl ether	Trade Secret	0%	0.008177%
			Vinylidene Chloride-Methyl Acrylate Polymer	Trade Secret	0%	0.0008242%
			Water	7732-18-5	0%	0.1636776%
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: BRENDA R LINSTER		Title: _____		
Date: 2/3/2015						
E-mail Address: brenda.linster@encana.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.