

	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						1. Well API NO: 30-043-21141			
							2. Well Name: LYBROOK E29 2306 #001H			
							3. Well Number: 001H			
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment							4. Surface Hole Location: Unit:D Lot:D Section:29 Township:23N Range:06W Feet from:1276 N/S Line:N E/W Line:W Feet from:330			
							5. Bottom Hole Location: Unit:D Lot:D Section:29 Township:23N Range:06W Feet from:1276 N/S Line:N E/W Line:W Feet from:330			
							6. Latitude: 36.20022 Longitude:-107.49905			
							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: 2/22/2014 Frac Performed by: Baker Hughes							12. Production Type: O			
13. Pool Code(s): 42289							14. Gross Fractured Interval: Confidential			
15. True Vertical Depth (TVD): 5,547 ft							16. Total Volume of Fluid Pumped: 485,839 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%	67.15935%				
Alpha 452, 330 gl tote	Baker Hughes	Biocide	Tetrakis (hydroxymethyl) Phosphonium Sulfate	55566-30-8	60%	0.01948%				
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00041%				
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	100%	0.01714%				
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00638%				
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.0803%				
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.05486%				
XLW-32	Baker Hughes	Crosslinker	Water	7732-18-5	30%	0.02194%				
			Boric Acid (H3BO3)	10043-35-3	30%	0.00109%				
			Methanol	67-56-1	60%	0.00218%				
			Methyl Borate	121-43-7	30%	0.00109%				
BioSealers MR	Baker Hughes	Degradable Sealers	Non-Hazardous Ingredient	Trade Secret	100%	0.00249%				
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate (1 of 3)	Trade Secret	1%	0.00318%				
			Alkyl Sulfate (2 of 3)	Trade Secret	1%	0.00318%				
			Alkyl Sulfate (3 of 3)	Trade Secret	1%	0.00318%				
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.0318%				
			Isopropanal	67-63-0	30%	0.09539%				
			Sodium Sulfonate	68439-57-6	30%	0.09539%				
GW-3LDF	Baker Hughes	Gelling Agent	1-butoxy-2-propanol	5131-66-8	5%	0.01825%				
			Crystalline Silica: Quartz	14808-60-7	5%	0.01825%				
			Guar Gum	9000-30-0	60%	0.21895%				
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01825%				
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.10948%				
			Petroleum Distillates	64742-47-8	30%	0.10948%				
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	6.75776%				
NE-900, drum	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.01958%				
			Nonyl Phenyl Polyethylene Glycol Ether	9016-45-9	10%	0.00653%				
Parasorb 5005, 50 lb bag	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	100%	0.04145%				
			Complex Ester	Trade Secret	30%	0.01243%				
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00041%				
			Ethylene-Vinyl Acetate Copolymer	Trade Secret	5%	0.00207%				
			Heavy Aromatic Naptha	64742-94-5	10%	0.00414%				
			Mineral Oil	8042-47-5	5%	0.00207%				
			Naphthalene	91-20-3	1%	0.00041%				
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	22.78806%				
Sand, Brown, 12/20	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.16139%				
Calcium Chloride	Baker Hughes	Salts	Calcium Chloride	10043-52-4	100%	0.00166%				
			Potassium Chloride	7447-40-7	5%	8E-05%				
			Sodium Chloride	7447-40-7	5%	8E-05%				
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00249%				
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	8E-05%				
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.00829%				
			Phosphonic Acid	13598-36-2	1%	8E-05%				
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01931%				
			Oxyalkylated Alkylphenol (1)	Trade Secret	10%	0				