Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 HYDRAULIC FRACTURING FLUID DISCLOSURE Ø Original Amendment Amendment B. Coeration Name and Address: COG OFERATING LC One Concho Centlet 600 W. Illinois Ave Miditand 79701 11. Last Fracture Date: Typical Date: Ty	Submit within 45 days of well co	ubmit within 45 days of well completion State of New Mexico						Revised November 6, 2013			
1220 S. St Francis Dr. Santa Fe, NM 87505 HYDRAULIC FRACTURING FLUID DISCLOSURE	Energy, Minerals and Natural Resources										
Santa Fe, NM 87505 Sur Number: 063H											
Unit_E Lot_E section:10 Township.26S Range 28E	1										
Unit M	DISCLOSURE						Unit:E Lot:E Feet from:2450 Feet from:660	Section: 10 T	I/S Line:N		
32.0576091784786 -104.081730865097 T. Country: Eddy							Unit:M Lot:M Feet from:365 Feet from:777	Section:15	N/S Line:S E/W Line:W		
COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701 11. Last Fracture Date: 7/19/2014 Frac Performed by: Baker Hughes 12. Production Type: O 13. Pool Code(s): 51010 15. True Vertical Depth (TVD): 8,064 ft 17. Total Volume of Re-Use Water Pumped: N/A 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 Additive (% by mass) Parasorb 5000, bag Baker Hughes Paraffin Inhibitor Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil 8042-5-4 5% 2.987875% 20. L 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: Stormi Davis Title: Regulatory Analyst Title: Regulatory Analyst							32.0576091784786 -104.081730865097 7. County:				
13. Pool Code(s): 51010 15. True Vertical Depth (TVD): 8,064 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION: Trade Name Supplier Purpose Ingredients Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Society of T20, 330 gl tote Baker Hughes Scale Inhibitor Scale Inhibitor Calciume Oil Supplier Ouartz White Mineral Oil Supplier Scale Inhibitor Calciume Oil Supplier Scale Inhibitor Calciume Oil Supplier Ouartz White Mineral Oil Supplier Scale Inhibitor Calciume Oil Supplier Ouartz White Mineral Oil Supplier Scale Inhibitor Calciume Oil Supplier Ouartz White Mineral Oil Supplier Ouartz White Mineral Oil Supplier Ouartz White Mineral Oil Supplier Ouartz Ouartz White Mineral Oil Supplier Ouartz	COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701							10. Phone Numb	er: 432-685-4332		
8,064 ft 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 Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Scaletrol 720, 330 gl tote Baker Hughes Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Supplier White Mineral Oil Supplier Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Supplier White Mineral Oil Supplier Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Supplier Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Supplier Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Signed Electronically Date: Signed Electronically Printed Name: Stormi Davis Title: Regulatory Analyst	13. Pool Code(s): 14. Gross F 51010						,251 ft to 15,460 ft				
18. Percent of Re-Use Water in Fluid Pumped: N/A 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION: Trade Name Supplier Purpose Ingredients Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Scale Inhibitor Calcium Chloride Ethylene Glycol Diatomaceous Earth Filid Pumped: Not Disclosed Maximum Ingredient Concentration in Additive (% by mass) Maximum Ingredient Concentration in HF Fluid (% by mass) Additive (% by mass) Maximum Ingredient Concentration in HF Fluid (% by mass) Additive (% by mass) Concentration in HF Fluid (% by mass) 10.03351925% Concentration in Additive (% by mass) Concentration in HF Fluid (% by mass) 10.03351925% Concentration in Additive (% by mass) 10.03351925% Concentration in Additive (% by mass) 10.03351925% Concentration in Additive (% by mass) 10.0353-39-3 10.0353-39-3 10.0353-39-3 10.0353-39-3 10.0353-39-3 10.0353-39-3 10.0355-											
Trade Name Supplier Purpose Ingredients (CAS #) Chemical Abstract Service # Maximum Ingredient Concentration in Additive (% by mass) Baker Hughes Paraffin Inhibitor Calcined Diatomaceous Earth Silica, Crystalline-Quartz White Mineral Oil 8042-47-5 Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcined Diatomaceous Earth Silica, Crystalline-Quartz White Mineral Oil 8042-47-5 Scaletrol 720, 330 gl tote Baker Hughes Scale Inhibitor Calcium Chloride 10043-52-4 Ethylene Glycol 107-21-1 30% Title: Regulatory Analyst Title: Regulatory Analyst	17. Total Volume of Re-Use Water Pumped: 18. N/A						cent of Re-Use Water in Fluid Pumped:				
Diatomaceous Earth Silica, Crystalline- 14808-60-7 19 0.3351925%							Concentration in Additive (% by		Concentration in HF Fluid (% by		
Silica, Crystalline-Quartz 14808-60-7 19	Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor		91053-39-3	91053-39-3		60%	20.1115521%		
Scale Inhibitor Calcium Chloride 10043-52-4 5% 2.987875% Ethylene Glycol 107-21-1 30% 17.9272501% 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. Signed Electronically Date: 8/13/2014 Title: Regulatory Analyst				Silica, Crystalline- Quartz							
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 Date: 8/13/2014 Printed Name: Stormi Davis Title: Regulatory Analyst	Scaletrol 720, 330 gl tote	Baker Hughes	Scale Inhibitor		nloride 10043-52-4		×		2.987875%		
Signature: Signed Electronically Date: 8/13/2014 Printed Name: Stormi Davis Title: Regulatory Analyst	100 100 100 100 100 100 100 100 100 100	100 mm				1000000	30% 17.9272501%				
Date: 8/13/2014					of my knowledge a	nd belief.	Tu Desidate	any Analyst			
			Printed Name: Storm	Printed Name: Storrill Davis Title: Regulatory Analyst							
E-mail Address: sdavis@conchoresources.com	The state of the s		2								

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.