	letion	State of New Mexico Energy, Minerals and Natural Resources				Revised November 6, 2013		
	En					1. WELL API NO. 30-015-41660		
Oil Conservation Division 1220 S. St Francis Dr.						2. Well Name:		
						SRO STATE UNIT #012H		
	Santa Fe, NM 87505					3. Well Number: 012H		
HYDRAULIC FRACTURING FLUID DISCLOSURE						4. Surface Hole Location: Unit:P Lot:P Section:32 Township:25S Range:28E Feet from:190 N/S Line:S Feet from:660 E/W Line:E		
⊠ Original						5. Bottom Hole Location:	E/W Line:E	
□ Amendment						Feet from:343	Township:25S Range:28E WS Line:N EW Line:E longitude:	
						32.079447466326		
						7. County:		
						Eddy		
COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701  11. Last Fracture Date: 1/13/2014		by: Baker Hughes		12	2. Productio	n Type:		
42 Paul Cada(a):					O 4. Gross Fractured Interval:			
12 Paul Cada(s):				1/	8,295 ft to 12,315 ft			
13. Pool Code(s): 16800				14		295 ft to 12,315 ft		
16800					8,2 3. Total Vol	295 ft to 12,315 ft ume of Fluid Pumped: 588 gals		
16800 15. True Vertical Depth (TVD): 8,045 ft 17. Total Volume of Re-Use Water Pu	ımped:			16	8,2 3. Total Vol 1,5 3. Percent o	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped:		
15. True Vertical Depth (TVD): 8,045 ft 17. Total Volume of Re-Use Water Pu N/A		AND CONCENTRA	TION:	16	8,2 3. Total Vol 1,5 3. Percent o	ume of Fluid Pumped: 588 gals		
16800 15. True Vertical Depth (TVD): 8,045 ft 17. Total Volume of Re-Use Water Pu N/A 19. <b>HYDRAULIC FLUID CO</b>		AND CONCENTRA	ATION: Ingredients	16	8,2 3. Total Vol 1,5 3. Percent o No	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped:	Maximum Ingredient Concentration in HF Fluid (% b mass)	
16800  15. True Vertical Depth (TVD):	MPOSITION			18 (CAS #) Chemical J	8,2 3. Total Vol 1,5 3. Percent o No	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: of Disclosed Maximum Ingredient Concentration in Additive (% by	Concentration in HF Fluid (% by mass)	
16800  15. True Vertical Depth (TVD):	MPOSITION A	Purpose	Calcined Diatomaceous Earth Silica, Crystalline- Quartz	(CAS #) Chemical A Service # 91053-39-3 14808-60-7	8,2 3. Total Vol 1,5 3. Percent o No	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: bt Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  659	Concentration in HF Fluid (% b; mass) 6 20.7036801% 6 1.5925908%	
16800  15. True Vertical Depth (TVD):	MPOSITION Applier  ker Hughes	Purpose Paraffin Inhibitor	Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil	(CAS #) Chemical / Service # 91053-39-3 14808-60-7 8042-47-5	8,2 3. Total Vol 1,5 3. Percent o No	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: bt Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  659	Concentration in HF Fluid (% b; mass) 6 20.7036801% 6 1.5925908% 6 9.5555447%	
16800  15. True Vertical Depth (TVD):	MPOSITION A	Purpose	Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Calcium Chloride	(CAS #) Chemical / Service # 91053-39-3 14808-60-7 8042-47-5 107-21-1	8,2 3. Total Vol 1,5 3. Percent o No	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: ot Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  59  309	Concentration in HF Fluid (% by mass) 6 20.7036801% 6 1.5925908% 6 9.5555447% 6 17.1824753%	
16800  15. True Vertical Depth (TVD):	MPOSITION Applier  ker Hughes  ker Hughes	Purpose  Paraffin Inhibitor  Scale Inhibitor	Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Calcium Chloride Ethylene Glycol	(CAS #) Chemical # Service # 91053-39-3 14808-60-7 8042-47-5 107-21-1 107-21-1	8,3. Total Vol 1,1. 3. Percent o No Abstract	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: ot Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  659  309 309 309	Concentration in HF Fluid (% by mass) 6 20.7036801% 6 1.5925908% 6 9.5555447% 6 17.1824753%	
16800  15. True Vertical Depth (TVD):	MPOSITION Applier  ker Hughes  ker Hughes	Purpose  Paraffin Inhibitor  Scale Inhibitor	Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Calcium Chloride Ethylene Glycol is true and complete to the	(CAS #) Chemical # Service # 91053-39-3 14808-60-7 8042-47-5 107-21-1 107-21-1	8,3. Total Vol 1,1. 3. Percent o No Abstract	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: ot Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  659  309 309 309	Concentration in HF Fluid (% by mass) 6 20.7036801% 6 1.5925908% 6 9.5555447% 6 17.1824753%	
16800  15. True Vertical Depth (TVD):	MPOSITION Applier  ker Hughes  ker Hughes	Purpose  Paraffin Inhibitor  Scale Inhibitor  own on this disclosure form	Calcined Diatomaceous Earth Silica, Crystalline- Quartz White Mineral Oil Calcium Chloride Ethylene Glycol is true and complete to the	(CAS #) Chemical # Service # 91053-39-3 14808-60-7 8042-47-5 107-21-1 107-21-1	8,3. Total Vol 1,1. 3. Percent o No Abstract	ume of Fluid Pumped: 588 gals f Re-Use Water in Fluid Pumped: bt Disclosed  Maximum Ingredient Concentration in Additive (% by mass)  659  309 309 309 f.	Concentration in HF Fluid (% by mass) 6 20.7036801% 6 1.5925908% 6 9.5555447% 6 17.1824753%	

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.