Submit within 45 days of well completion State of New Mexico							Revised November 6, 2013			
Energy, Minerals and Natural Resources							1. WELL API NO. 30-015-43396			
Oil Conservation Division						urces	2. Well Name: CLYDESDALE 1 FEE #006H			
1220 S. St Francis Dr.							3. Well Number:			
Santa Fe, NM 87505							006H			
HYDRAULIC FRACTURING FLUID DISCLOSURE							Surface Hole Location: Unit: Lot: Section: 1 Township: 19S Range: 25E Feet from: 1650 N/S Line: S			
⊠ Original							Feet from:150 E/W Line:E			
□ Amendment							Feet from:1650 N/S Line:S Feet from:150 E/W Line:E			
							7. County:	368736	-104.4301336	
							Eddy			
Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701							229137	10. Phone Number	er: 432-685-4332	
11. Last Fracture Date: 10/7/2016 Frac Performed by: Halliburton 13. Pool Code(s):							ion Type: O ractured Interval:			
50270 15. True Vertical Depth (TVD):						3, 16. Total Volu	3,121 ft to 7,629 ft Fotal Volume of Fluid Pumped:			
2,850 ft 17. Total Volume of Re-Use Water Pumped:							4,789,600 gals 18. Percent of Re-Use Water in Fluid Pumped:			
0 gals 19. HYDRAULIC FLUID	COMPOS	ΙΤΙΟΝ ΔΙ	ND CONCENTRA	ATION:		%		32		
Trade Name	Supplier	HONA	Purpose	Ingredients		nical Abstract	Maximum Ingre		Maximum Ingredient	
	11000				Service #		Concentration in mass)	n Additive (% by	Concentration in HF Fluid (% by mass)	
Fresh Water DCA-23003	Operator Halliburton		Base Fluid Friction Reducer	Water Listed Below	7732-18-5 Listed Below	v		100%	87.85494% 0%	
FDP-S1226-15	Halliburton		Surfactant	Listed Below	Listed Belov	V		0%	0%	
FE-1A ACIDIZING COMPOSITION	Halliburton		Additive	Listed Below	Listed Below	v		0%	0%	
FE-2A	Halliburton		Additive	Listed Below	Listed Below	v		0%	0%	
HAI-OS ACID INHIBITOR HYDROCHLORIC ACID	Halliburton Halliburton		Corrosion Inhibitor Solvent	Listed Below Listed Below	Listed Below	isted Below isted Below		0% 0%	0% 0%	
OptiKleen-WF(TM)	Halliburton		Concentrate	Listed Below		Listed Below		0%	0%	
SAND-COMMON WHITE- 100 MESH, SSA-2, BULK (100003676	Halliburton		Proppant	Listed Below	Listed Belov			0%	0%	
SAND-CRC PREMIUM- 20/40, 100 LB SACK SAND-PREMIUM WHITE-	Halliburton Halliburton		Proppant Proppant	Listed Below	Listed Belov	47	13	0%	0%	
40/70, BULK Scalechek(R) SCP-2 Scale	Halliburton		Scale Preventer	Listed Below	Listed Belov		8	0%	0%	
Inhibitor Scaletrol 720	Baker Hughes		Scale Inhibitor	Listed Below	Listed Below			0%	0%	
MSDS and Non-MSDS Ingredients are listed below the	Danoi Fragi		Codio Illinois	Elotod Bolott	Elotod Bolot			0%	0%	
Ingredients	Listed Abov	ve	Listed Above	Acetic acid Acetic anhydride	64-19-7 108-24-7			60% 100%	0.01182% 0.01971%	
				Acrylamide Acrylamide, sodium	79-06-1 25987-30-8		0	0.01% 30%	1E-05% 0.02791%	
				acrylate polymer Alcohols, C12-13,	66455-14-9		-	30%	0.01352%	
				ethoxylated Alcohols, C12-16, ethoxylated	68551-12-2			5%	0.00225%	
				Calcium chloride	10043-52-4		18	5%	0.00131%	
				Citric acid	77-92-9 14808-60-7			60% 100%	0.01227% 9.72161%	
				Crystalline silica, quartz Ethoxylated alcohols	Proprietary			30%	0.00098%	
				Ethoxylated branched C13 alcohol	78330-21-9			5%	0.00465%	
				Ethylene glycol	107-21-1			30%	0.00786%	
				Ethylene oxide Fatty acids, tall oil	75-21-8 Proprietary			0.01%	0% 0.00098%	
				Glassy calcium	65997-17-3			100%	0.0165%	
				magnesium phosphate Hexamethylenetetramine	100-97-0		8	2%	0.02195%	
				Hydrochloric acid	7647-01-0			60%	1.31352%	
				Hydrotreated light petroleum distillate	64742-47-8			30%	0.02791%	
				Methanol	67-56-1			60%	0.00196%	
				Olefins Phenol / formaldehyde	Proprietary 9003-35-4		8	5% 5%	0.00039% 0.05489%	
				resin				97,878		
				Propargyl alcohol Reaction product of	107-19-7 68527-49-1		7	10% 30%	0.00033% 0.00098%	
				acetophenone, formaldehyde, thiourea and oleic acid in	00021 40 1			3070	0.55550%	
				Sobitan, mono-9- octadecenoate, (Z)	1338-43-8			5%	0.00465%	
				Sodium diacetate	126-96-5 10486-00-7			5%	0.00465% 0.01007%	
				Sodium perborate tetrahydrate Sorbitan monooleate	9005-65-6			100% 5%	0.01007%	
				polyoxyethylene derivative Water	7732-18-5			100%	2.30728%	
20. I, as Operator, hereby certify the	L hat the informa	tion shown o	n this disclosure form is t			nd belief.		100%	2.30128%	
	ed Electronically Printed Name: Kanicia Carrillo Title: Regulatory Analsyt									
Date: 12/27/2016 E-mail Address: kcarrillo@conchoresources.com										
E-mail Address: kcarrillo@conchoresources.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.										
NMUCD does not require the reporting of information beyond MSDS data as described in 29 GFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, frade secret or confidential business information.										