Submit within 45 days of well co	ompletion	Energy, Mineral	State of New Mexico nergy, Minerals and Natural Resources			1. WELL API NO. 30-015-43418				
Oil Conservation Division 1220 S. St Francis Dr.						Well Name: CHOPPER STATE COM #003H Well Number:				
		Santa	a Fe, NM 875	505		003H				
HYDRAULIC FF DISCLOSURE	RACTU	RING FLUID				4. Surface Hole Location: Unit:C Lot:3 Secti Feet from:190 Feet from:1720	tion:1 Tov N/S	wnship:24S S Line:N W Line:W	Range:27E	
⊠ Original □ Amendment						5. Bottom Hole Location: UnitN LotN Section:1 Township:24S Range:27E Feet from:341			Range:27E	
						6. latitude: 32.253523 7. County:	lo	ongitude:	1.146468	
						Eddy				
Operator Name and Address: COG OPERATING One Concho Cente 600 W. Illinois Ave Midland 79701	er				9. OGRID:	229137 10. F	Phone Numbe	er: 4	432-685-4332	
	2016 Frac I	Performed by: Halliburton			12. Production O					
13. Pool Code(s): 96794						Gross Fractured Interval: 9,722 ft to 13,840 ft Total Volume of Fluid Pumped:				
15. True Vertical Depth (TVD): 9,453 ft						7,876,148 gals				
17. Total Volume of Re-Use Water N/A	1		11V.7			f Re-Use Water in Fluid Pur ot Disclosed	mped:			
19. HYDRAULIC FLUID Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ingredient Concentration in Additi	ive (% by		gredient on in HF Fluid (% by	
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5		mass)	100%	mass)	87.98439%	
HYDROCHLORIC ACID Cla-Web(TM) II, DCA- 23003, FDP-S1226-15, FE- 1A ACI	Halliburtor Halliburtor		NA NA	NA NA			0% 0%		0% 0%	
Parasorb , Scaletrol	Baker Hug		NA Anatio said	NA CA 40.7			0% 60%		0%	
			Acetic acid Acetic anhydride	64-19-7 108-24-7			100%		0.00286% 0.00477%	
			Acrylamide Acrylamide, sodium	79-06-1 25987-30-8			0.01%		1E-05% 0.02115%	
			acrylate polymer Alcohols, C12-13,	66455-14-9			30%		0.01296%	
			ethoxylated Alcohols, C12-16, ethoxylated	68551-12-2			5%		0.00216%	
			Alcohols, C14-C15, ethoxylated	68951-67-7			30%		0.00024%	
			Amine Amine salts	Confidential Confidential			0.1% 1%	•	1E-05% 0.00069%	
			Ammonium compound	Confidential			30%		0.01449%	
			Calcium chloride	10043-52-4			5%		0.00131%	
			Chlorine compound Citric acid	Confidential 77-92-9			30% 60%		0.01449% 0.00297%	
			Citrus, extract Crystalline silica,	94266-47-4 14808-60-7			10% 100%		0.00432% 10.83666%	
			quartz Crystalline sillica,	14808-60-7			1%		9E-05%	
			Quartz (SiO2) Diatomaceous earth,	91053-39-3			60%		0.00557%	
			calcined Ethoxylated alcohols	Confidential			5%		0.00216%	
			Ethoxylated branched C13 alcohol	78330-21-9			5%		0.00353%	
			Ethylene glycol	107-21-1			30%	4	0.00784%	
			Ethylene oxide Fatty acids, tall oil	75-21-8 Confidential			0.01%		0% 0.00024%	
			Glassy calcium magnesium	65997-17-3			100%		0.01806%	
			hosphate Hydrochloric acid	7647-01-0			60%		0.56719%	
			Hydrotreated light petroleum distillate	64742-47-8			30%		0.02115%	
			Methanol Mineral Oil	67-56-1 8042-47-5			60% 30%		0.00048%	
			Olefins Dranggyl alaehal	Confidential 107-19-7			5% 10%	1	0.0001% 8E-05%	
			Propargyl alcohol Quaternary amine	Confidential			1%		0.00065%	
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1			30%		0.00024%	
			Sobitan, mono-9- octadecenoate, (Z)	1338-43-8			5%		0.00353%	
			Sodium chloride Sodium diacetate	7647-14-5 126-96-5			5% 5%		0.00241% 0.00353%	
			Sodium perborate tetrahydrate	10486-00-7			100%		0.00766%	
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6			5%	1	0.00353%	
			Water	7732-18-5			100%		1.0509%	
	hat the informa lectronically	tion shown on this disclosure form is tru Printed Name: Stormi		or my knowledge a	ind belief.	Title: Regulatory Ar	nalyst			
Date: 7/14/2016	3							-		
	onchoresou ting of informat	rces.com ion beyond MSDS data as described in	29 CFR 1910.1200. NMOCI	D does not require	the reporting or	r disclosure of proprietary, t	trade secret o	or confidential b	ousiness information.	