

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
		1. WELL API NO: 30-015-40737				
		2. Well Name: PUCKETT 12 FEDERAL #008H				
		3. Well Number: 008H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:P Lot:P Section:12 Township:17S Range:31E Feet from:43 N/S Line:S Feet from:590 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:12 Township:17S Range:31E Feet from:43 N/S Line:S Feet from:590 E/W Line:E				
		6. latitude: longitude: 32.8420105 -103.8164825				
		7. County: Eddy				
8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701		9. OGRID: 229137	10. Phone Number: 432-685-4332			
11. Last Fracture Date: 6/19/2016 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97213		14. Gross Fractured Interval: 6,367 ft to 10,729 ft				
15. True Vertical Depth (TVD): 6,110 ft		16. Total Volume of Fluid Pumped: 3,643,431 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	88.73594%
HYDROCHLORIC ACID	Halliburton	Solvent	NA	NA	0%	0%
DCA-23003, FDP-S1226-15, FE-1A ACIDIZING COMPOSITI	Halliburton	Additive, Concentrate, Corrosion Inhibitor, Friction Reducer, Proppant, Scale Preventer, Surfactant	NA	NA	0%	0%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton	NA	NA	NA	0%	0%
CAT 106 SI	Catalyst Oilfield Services	Scale Inhibitor	NA	NA	0%	0%
			Acetic acid	64-19-7	60%	0.01162%
			Acetic anhydride	108-24-7	100%	0.01936%
			Acrylamide	79-06-1	0.01%	1E-05%
			Acrylamide, sodium acrylate polymer	25987-30-8	30%	0.01841%
			Alcohols, C12-13, ethoxylated	66455-14-9	30%	0.0141%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	0.00235%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00096%
			Citric acid	77-92-9	60%	0.01205%
			Crystalline silica, quartz	14808-60-7	100%	8.99823%
			Ethoxylated branched C13 alcohol	78330-21-9	5%	0.00307%
			Ethylene oxide	75-21-8	0.01%	1E-05%
			Fatty acids, tall oil	Confidential	30%	0.00096%
			Glassy calcium magnesium phosphate	65997-17-3	100%	0.01665%
			Hexamethylenetetramine	100-97-0	2%	0.02205%
			hydrochloric Acid	7647-01-0	1%	0.00039%
			Hydrochloric acid	7647-01-0	60%	1.23177%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.01841%
			Methanol	67-56-1	60%	0.00192%
			Olefins	Confidential	5%	0.00039%
			Phenol / formaldehyde resin	9003-35-4	5%	0.05513%
			phosphonate compound	Confidential	60%	0.02312%
			Propargyl alcohol	107-19-7	10%	0.00032%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00096%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5%	0.00307%
			Sodium diacetate	126-96-5	5%	0.00307%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00668%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	5%	0.00307%
			Water	7732-18-5	100%	2.15383%
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		Printed Name: Kanicia Carrillo		Title: Regulatory Analsyt		
Date: 9/9/2016						
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.