

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 February 15, 2012				
		1. WELL API NO: 30-015-39811				
		2. Well Name: BRADLEY 8 FEE #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:8 Township:19S Range:26E Feet from:150 N/S Line:S Feet from:1800 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:8 Township:19S Range:26E Feet from:361 N/S Line:N Feet from:1593 E/W Line:W				
		6. Latitude: 32.6684303913827 longitude: - 104.407139842322				
		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: 6/14/2013 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97788		14. Gross Fractured Interval: 3,414 ft to 7,600 ft				
15. True Vertical Depth (TVD): 3,011 ft		16. Total Volume of Fluid Pumped: 1,640,005 gals				
17. 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				100%	84.98853%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	1.67224%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.24922%
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.91101%
CRC SAND PREMIUM	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.79344%
			Hexamethylenetetramine	100-97-0	2%	0.03587%
			Phenol / formaldehyde resin	9003-35-4	5%	0.08967%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00062%
			Ammonium acetate	631-61-8	100%	0.00206%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01566%
			Monoethanolamine borate	26038-87-9	100%	0.05221%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.00092%
			Sodium hypochlorite	7681-52-9	30%	0.01387%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00071%
			Ethanol	64-17-5	60%	0.04281%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.0214%
			Naphthalene	91-20-3	5%	0.00357%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00357%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01403%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.01403%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00022%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00275%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00111%
			Walnut hulls	Mixture	100%	0.0037%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.14131%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.0015%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01555%
18. 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: Chasity Jackson Title: Regulatory Analyst Date: 9/18/2013 E-mail Address: cjackson@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.