Submit within 45 days of well completion		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division			Revised February 15, 2012 1. WELL API NO. 30-015-40318			
								t Francis Dr.
		Santa F	e, NM 87505			33		
HYDRAULIC FRACTURING FLUID DISCLOSURE					Surface Hole Location: Unit:G Lot:G Section:13 Township:17S Range:29E Feet from:2615 N/S Line:N			
Original					Feet from: 1		E/W Lir	
☐ Amendment					5. Bottom Hole Location: Unit:G Lot:G Section:13 Township:17S Range:29E Feet from:2615 N/S Line:N Feet from:1955 E/W Line:E 6. latitude: longitude:			
						2.83469316		ongitude: -
				-	7. County:			104.026054460765
						ddy		
8. Operator Name and Address:					9. OGRID: 10. Phone Number:			
COG OPERATING LLC One Concho Center					229137 432-685-4332			432-685-4332
600 W. I	llinois Ave							
Midland 11. Last Fracture Da	ed by: Halliburton		12. Produc	tion Type:				
42 Peal Cada(s)						O ractured Inten	en!:	
13. Pool Code(s): 97918					4,150 ft to 4,400 ft			
15. True Vertical Depth (TVD): 4,683 ft					16. Total Volume of Fluid Pumped: 4,187 bbls			
17. HYDRAULIC FI		POSITION AND CO		(CAC)	#) Chemical	Maximum In	d:4	Maximum
Trade Name	Supplier	Purpose	Ingredients		act Service	Concentration Additive (%	on in	Ingredient
Fresh Water	Operator					100% 100%		83.1833%
HF Acid 12%/3% Premium Brown	Halliburt Halliburt				1	1009		1.27669% 6.50173%
16/30 CRC 16/30	Halliburt	0.0					100%	8.8141%
LoSurf-300D	Halliburt		1,2,4 Trimethylbenzene	95-63		1% 0.0		0.00042%
		3	Ethanol Heavy aromatic petroleum naphtha	64-17	2-94-5	60% 30%		0.02511% 0.01256%
			Naphthalene	91-20-3			5%	0.00209%
			Poly(oxy-1,2- ethanediyl),alpha- (4-nonylphenyl)- omega-hydroxy-, branched	1270	87-87-0		5%	0.00209%
SUPERSET W	Halliburt	on Activator	Methanol	67-56	56-1 nfidential		60%	0.0171% 0.0171%
			Ethoxylated Nonylphenol	Busin		60%		W. C.
LCA-1	Halliburt	on Misc Additive	Paraffinic solvent	Confidential Business Information		100%		0.02273%
BC-140 X2	Halliburt	on Initiator	Ethylene glycol	107-21-1			30%	0.014%
			Monoethanolamine borate	2603	8-87-9	100%		0.04668%
BE-7™	Halliburt	on Biocide	Sodium hydroxide		1-73-2 2%		0.00065%	
			Sodium hypochlorite	7681	-52-9		30%	0.0097%
CAT-4	Halliburt		Diethylenetriamine				60%	
HpH BREAKER OPTIFLO-HTE	Halliburt Halliburt		Sodium chloride Crystalline silica,		17-14-5 308-60-7		30% 30%	0.00078% 0.0006%
J EV III E	. ramount		quartz					300033000.300
K-35	Halliburt	on Buffer	Walnut hulls Sodium carbonate	Mixtur 497-1			100%	0.00199%
			shown on this disclosure			plete to the b		
	Signed Ele 10/8/2012	ctronically	Printed Name:	Chasi	ty Jackson	Titl	e: Regu	latory Analyst
E-mail Address:	iackson@	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.