

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. 30-025-39555				
		2. Well Name: TUSK FEDERAL #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amended		4. Surface Hole Location: Unit:D Lot:D Section:25 Township:19S Range:34E Feet from:330 N/S Line:N Feet from:330 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot: Section:25 Township:19S Range:34E Feet from:332 N/S Line:S Feet from:427 E/W Line:W				
		6. latitude: longitude: 32.6377284441159 - 103.52138261768				
		7. County: Lea				
8. Operator Name and Address: COG OPERATING LLC 550 W TEXAS SUITE 1300 MIDLAND 79701				9. OGRID: 229137	10. Phone Number:	
11. Last Fracture Date: 2/13/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 37570				14. Gross Fractured Interval: 11,025 ft to 15,216 ft		
15. True Vertical Depth (TVD): 10,890 ft				16. Total Volume of Fluid Pumped: 59,362 bbls		
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%	84.8458%
HCL Acid	Halliburton				100%	1.85124%
Cla-Web	Halliburton	Additive	Proprietary	Confidential Business Info	100%	0.02722%
CRC 30/50	Halliburton				100%	12.62107%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00077%
			Ethanol	64-17-5	60%	0.046%
			Heavy aromatic petroleum naptha	64742-94-5	30%	0.023%
			Naphthalene	91-20-3	5%	0.00383%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00383%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	814741-28-8	10%	0.00428%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.00663%
CLA-STA-XP additive	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.0207%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00089%
			Ammonium bisulfate	7783-20-2	30%	0.00531%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0516%
D-Air 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Info	100%	0.02287%
			Silica, amorphous precipitated	67762-90-7	30%	0.00686%
CL-31 Crosslinker	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00199%
			Potassium metaborate	13709-94-9	60%	0.02391%
BE-6 Microbiocide	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.0001%
Optikleen-WF	Halliburton	Surfactant	Sodium perborate tetrahydrate	10486-00-7	100%	0.00085%
Scalechek SCP-2 Scale Inhibitor	Halliburton	Clay Control	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02036%
WG-36 Gelling Agent	Halliburton	Gelling Agent	Guar Gum	9000-30-0	100%	0.26148%
Optiflo-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00304%
			Walnut hulls	Mixture	100%	0.01012%
SP Breaker	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00114%
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:	Stormi Davis	
Date:		4/12/2012		Title: Regulatory Analyst		
E-mail Address:		sdavis@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.