

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: 30-025-41574				
		2. Well Name: TUSK FEDERAL #005H				
		3. Well Number: 005H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:25 Township:19S Range:34E Feet from:190 N/S Line:S Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:A Lot:A Section:25 Township:19S Range:34E Feet from:352 N/S Line:N Feet from:404 E/W Line:E				
		6. latitude: 32.6246891489617 longitude: -103.50637704268				
		7. County: Lea				
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: 12/8/2014 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 37570		14. Gross Fractured Interval: 11,209 ft to 15,235 ft				
15. True Vertical Depth (TVD): 10,969 ft		16. Total Volume of Fluid Pumped: 2,819,772 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
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				100%	85.56554%
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.19878%
CRC Premium 30/50	Halliburton				100%	11.96624%
Scaletrol	Halliburton				100%	0%
SP BREAKER	Halliburton				100%	0%
Cla-Web™	Halliburton	Clay Control	Hydroxyalkyl ammonium chloride	8933	60%	0.02822%
CLA-STA XP ADDITIVE	Halliburton	Clay Control	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.0084%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.02372%
			Propargyl alcohol	107-19-7	10%	0.00395%
LOSURF-360	Halliburton				100%	0%
BE-9	Halliburton				100%	0%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00097%
			Potassium metaborate	13709-94-9	60%	0.0116%
D-AIR 3000L	Halliburton				100%	0%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.00705%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.03976%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.23464%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00904%
			Crystalline silica, quartz	14808-60-7	30%	0.00271%
BE-6 MICROBIOCID	Halliburton				100%	9E-05%
SP BREAKER	Halliburton				100%	0.00081%
Scalechek® SCP-2 Scale Inhibitor	Halliburton				100%	0.0262%
Ingredients Listed Below This Line Are Part of the			Inert ingredient(s)	Not Available	0%	0%
			Proprietary ingredient(s)	Not Available	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Water	7732-18-5	0%	0%
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: Stormi Davis		Title: Regulatory Analyst				
Date: 1/16/2015						
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.