

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. 30-015-39366				
		2. Well Name: JAMESON 26 FEDERAL #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amended		4. Surface Hole Location: Unit:C Lot:C Section:26 Township:22S Range:28E Feet from:660 N/S Line:N Feet from:2260 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot: Section:26 Township:22S Range:28E Feet from:340 N/S Line:S Feet from:2161 E/W Line:W				
		6. Latitude: longitude: 32.3691688619088 - 104.059558709041				
		7. County: Eddy				
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: 3/3/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 15011				14. Gross Fractured Interval: 8,531 ft to 12,364 ft		
15. True Vertical Depth (TVD): 8,409 ft				16. Total Volume of Fluid Pumped: 56,870 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%	84.81519%
HCL Acid	Halliburton				100%	1.7342%
ClaWeb	Halliburton		Ammonium salt		60%	0.05593%
Parasorb	Operator				100%	0.17052%
Scaletrol	Operator				100%	0.02214%
Sand-Premium White	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.59402%
CRC Sand	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.1778%
			Hexamethylenetetramine	1009-7-0	2%	0.02356%
			Phenol/formaldehyde resin	900303-35-4	5%	0.05889%
HpH Breaker	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00012%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00599%
			Monoethanolamine borate	26038-87-9	100%	0.01997%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00158%
			Ammonium bisulfate	7783-20-2	30%	0.0095%
CLA-STA XP Additive	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.06619%
Superset W	Halliburton	Activator	Methanol	67-56-1	60%	0.00602%
			Ethoxylated Nonylphenol	Confidential Business Info	60%	0.00602%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00439%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Treimethylbenzene	95-63-6	1%	0.00077%
			Ethanol	64-17-5	60%	0.04623%
			Heavy aromatic petroleum naptha	64742-94-5	30%	0.02311%
			Naphthalene	91-20-3	5%	0.00385%
			Poly(oxy-1,2- ethanediyl),alpha-(4- nonylphenyl)- omegahydroxy-branched	127087-87-0	5%	0.00385%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.00033%
WG-36 Gelling Agent	Halliburton	Gelling Agent	Guar Gum	9000-30-0	100%	0.1101%
OptiFlo-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00143%
			Walnut Hulls	Mixture	100%	0.00477%
OptiKleen-WF	Halliburton	Surfactant	Sodium perborate tetrahydrate	10486-00-7	100%	0.00375%
Scalechek SCP- 2 Scale Inhibitor	Halliburton	Clay Control	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01705%
BE-6 Microbiocide	Halliburton	Biocide	2-Bromo-2-nitro-1,3- propanediol	52-51-7	100%	0.00013%
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 Title: Regulatory Analyst						
Date: 4/16/2012						
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.