

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		1. WELL API NO. 30-015-41286				
		2. Well Name: WINDMILL 32 FEDERAL COM #004H				
		3. Well Number: 004H				
		4. Surface Hole Location: Unit:P Lot:P Section:32 Township:18S Range:27E Feet from:580 N/S Line:S Feet from:190 E/W Line:E				
5. Bottom Hole Location: Unit:M Lot: Section:32 Township:18S Range:27E Feet from:375 N/S Line:S Feet from:336 E/W Line:W		6. Latitude: 32.6984701689776 Longitude: -104.293227969661				
7. County: Eddy		8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701				
11. Last Fracture Date: 7/14/2013 Frac Performed by: Halliburton		9. OGRID: 229137	10. Phone Number: 432-685-4332			
13. Pool Code(s): 98021		12. Production Type: O				
15. True Vertical Depth (TVD): 5,859 ft		14. Gross Fractured Interval: 6,181 ft to 10,350 ft				
		16. Total Volume of Fluid Pumped: 2,309,705 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%	84.14001%
FE ACID - > 10% HCL	Halliburton		Hydrochloric acid	7647-01-0	30%	0.70368%
Premium White - 20/40	Halliburton				100%	10.48343%
CRC - 20/40	Halliburton				100%	2.62088%
LOSURF-360W	Halliburton				100%	0%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00395%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.02651%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02727%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02532%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02532%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01011%
			Monoethanolamine borate	26038-87-9	100%	0.03368%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00016%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00106%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00251%
			Silica, amorphous precipitated	67762-90-7	30%	0.00075%
SCA-130 INHIBITOR	Halliburton	Inhibitor	Acetaldehyde	75-07-0	1%	0.00022%
			Aldol	107-89-1	60%	0.01322%
			Crotonaldehyde	123-73-9	2%	0.00044%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.0001%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.12739%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00157%
			Walnut hulls	Mixture	100%	0.00525%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02184%
Parasorb (TP)	Halliburton				100%	0.02184%
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: <u>Signed Electronically</u>		Printed Name: <u>Kacie Connally</u>			Title: <u>Permitting Tech</u>	
Date: <u>10/10/2013</u>						
E-mail Address: <u>kconnally@concho.com</u>						

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.