

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. 30-025-40635				
		2. Well Name: WARHAWK 3 FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:D    Lot:D    Section:3    Township:19S    Range:32E Feet from:780    N/S Line:N Feet from:170    E/W Line:W				
		5. Bottom Hole Location: Unit:A    Lot:    Section:3    Township:19S    Range:32E Feet from:355    N/S Line:N Feet from:333    E/W Line:E				
		6. latitude:    longitude: 32.6945424757385    - 103.762151349218				
		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:    8/23/2013    Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 41442		14. Gross Fractured Interval: 9,650 ft to 13,907 ft				
15. True Vertical Depth (TVD): 9,485 ft		16. Total Volume of Fluid Pumped: 2,680,507 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%	84.32098%
FE ACID - <10% HCL	Halliburton		Hydrochloric acid	7647-01-0	10%	0.21097%
Premium White 20/40	Halliburton				100%	10.69991%
CRC-20/40	Halliburton				100%	2.50842%
LOSURF-360	Halliburton				100%	0%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.0001%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02819%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00403%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02464%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02464%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00754%
			Monoethanolamine borate	26038-87-9	100%	0.02513%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00203%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00836%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.00245%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.13706%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00164%
			Walnut hulls	Mixture	100%	0.00548%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02077%
3rd Party Corrosion Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.02077%
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:    Kacie Connally		Title:    Permitting Tech				
Date:    10/3/2013						
E-mail Address:    kconnally@concho.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.