

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: 30-015-35776				
		2. Well Name: HOT SEAT FEDERAL COM #002				
		3. Well Number: 002				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment	4. Surface Hole Location: Unit:A Lot:A Section:35 Township:24S Range:25E Feet from:990 N/S Line:N Feet from:660 E/W Line:E					
	5. Bottom Hole Location: Unit:A Lot: Section:35 Township:24S Range:25E Feet from:990 N/S Line:N Feet from:660 E/W Line:E					
	6. latitude: 32.1783412142683 longitude: -104.360083368606					
	7. County: Eddy					
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: 6/26/2013 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97841		14. Gross Fractured Interval: 7,930 ft to 8,030 ft				
15. True Vertical Depth (TVD): 11,900 ft		16. Total Volume of Fluid Pumped: 318,652 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%	81.05765%
FE ACID - <10% HCL	Halliburton		Hydrochloric acid	7647-01-0	10%	0.31581%
LoSurf 360	Operator				100%	0.07871%
Premium White 16/30	Halliburton				100%	12.82461%
CRC 16/30	Halliburton				100%	2.45098%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00017%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.00094%
			Sodium hypochlorite	7681-52-9	30%	0.01411%
LOSURF-360W	Halliburton				100%	0%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.04067%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.04067%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01787%
			Monoethanolamine borate	26038-87-9	100%	0.05956%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00979%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00029%
			Ammonium sulfate inorganic salt	Confidential Business Information	30%	0.00172%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00638%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01829%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15082%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00128%
			Walnut hulls	Mixture	100%	0.00427%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.0403%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00305%
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: Brian Maiorino Title: Regulatory Analyst						
Date: 11/18/2013						
E-mail Address: bmaiorino@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.