Submit within 45 days of well		nergy, Mine	te of New Mexion rals and Natura enservation Div	l Resource	2. Well Name:	Revised November 6, 2013
1220 S. St Francis Dr. Santa Fe, NM 87505				Dr.	FIREFOX FEDERAL COM #004H 3. Well Number: 004H	
HYDRAULIC FRACTURING FLUID DISCLOSURE M Original					Feet from: 1800 N/S Feet from: 275 E/V 5. Bottom Hole Location:	vnship:19S Range:31E Line:S V Line:W
□ Amendment					Feet from:1984 N/S Feet from:341 E/W	nship:19S Range:31E Line:S Line:E gitude: -103.8821411
Operator Name and Address: COG OPERATIN One Concho Cen	G LLC ter			9. OGF	Eddy	432-685-4332
600 W. Illinois Av Midland 79701 11. Last Fracture Date: 6/1 13. Pool Code(s): 97056		ed by: Baker Hughes		100	oduction Type: O OS Fractured interval: 8,987 ft to 13,310 ft	
15. True Vertical Depth (TVD): 8,904 ft 17. Total Volume of Re-Use Wat N/A 19. HYDRAULIC FLUIC		N AND CONCENTE	PATION:		tal Volume of Fluid Pumped: 22,796,025 gals roent of Re-Use Water in Fluid Pumped: Not Disclosed	
Trade Name Water HCl, 5.1 - 7.5%	Supplier Operator Baker Hughes	Purpose Carrier Acidizing	Ingredients Water Listed with Chemicals in	(CAS #) Chemical Ab Service # 7732-18-5 N/A	ostract Maximum Ingredient Concentration in Additive (% by mass) 100% 0%	Maximum Ingredient Concentration in HF Fluid (% by mass) 96.034% 0.393%
Alpha 125 GBW-5	Baker Hughes Baker Hughes	Biocide Breaker	Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients	N/A N/A	0% 0%	0.014% 0.0008%
High Perm CRB Ferrotrol 280L , 330 gl tote ClayCare, ClayTreat-2C,	Baker Hughes Baker Hughes Baker Hughes	Breaker Clay Control Clay Control	Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in	N/A N/A N/A	0% 0%	0.0011% 0.0013% 0.0137%
330 gl tote Clay Master 10 Cl-27	Baker Hughes Baker Hughes	Clay Control Corrosion Inhibitor	Ingredients	N/A N/A	0%	0.0034%
XLW-10A GW-3D NE-35, 330 gl tote	Baker Hughes Baker Hughes Baker Hughes	Crosslinker Gelling Agent Non-emulsifier	Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in	N/A N/A N/A	0% 0% 0%	0.0116% 0.0404% 0.0005%
Parasorb 5000, bag Sand, White, 20/40 Black Ultra, 20/40	Baker Hughes Baker Hughes Baker Hughes	Paraffin Inhibitor Proppant	Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in	N/A N/A N/A	0% 0%	0.003% 2.762% 0.6741%
ScaleSorb 3, (50# bag) Scaletrol 720, 330 gl tote	Baker Hughes Baker Hughes	Proppant Scale Inhibitor Scale Inhibitor	Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients Listed with Chemicals in Ingredients	N/A N/A	0%	0.0038%
Flo-Back 40, tote Chemical Ingredients	Baker Hughes Baker Hughes	Surfactant Treatment System	Listed with Chemicals in Ingredients	N/A 60-24-2 71050-62-9	0% 100% 20%	0.0147% 0.001289% 0.00057%
			Phosphinate, Sodium Salt 2-hydroxytrimethylene,bis (trimethylammonium) dichloride	55636-09-4	50%	0.001721%
			Acetic acid ethenyl ester, polymer with ethene Amino Trimethylene Phosphonic Acid Ammonium Hydroxide	24937-78-8 6419-19-8 1336-21-6	15% 28% 5%	0.000455% 0.001061% 6.4E-05%
			Ammonium Persulphate Benzenesulfonic acid, hexadecyl(sulfophenoxy) -, disodium salt Beta-Mannanases	7727-54-0 65143-89-7	100% 2% 0.45%	0.00192% 1E-05% 2.7E-05%
			Calcium Chloride Choline Chloride Cocamidopropyl betaine Cocamidopropylamide oxide	10043-52-4 67-48-1 61789-40-0 68155-09-9	59% 75% 20% 20%	0.000143% 0.01025% 0.002935% 0.002935%
			Crystalline Silica Crystalline Silica (Cristobalite) Crystalline Silica (Quartz)		100% 19% 100%	0.67388% 3E-05% 2.761296%
			Crystalline Silica: Cristobalite Cupric Chloride Diatomaceous Earth, Calcined Diatomaceous Earth,	7447-39-4 91053-39-3 91053-39-3	1% 5% 74%	3.8E-05% 6.4E-05% 0.002804% 0.002122%
			Diatomaceous Earth, Calcined (kieselguhr) Diatomaceous Earth, Natural (kieselguhr) Ethylene Glycol Fatty Acids	91053-39-3 61790-53-2 107-21-1 61790-12-3	70% 10% 45% 30%	0.002122% 0.000303% 0.004772% 0.000192%
			Fatty Acids Formaldehyde Furfuryl Alcohol Glutaraldehyde Glycerol Guar Gum	50-00-0 98-00-0 111-30-8 56-81-5 9000-30-0	30% 0.05% 19% 30% 19%	0.000192% 0% 0.006739% 0.004197% 0.000176% 0.040386%
			Guar Gum Hydrated Magnesium Silicate Hydrochloric Acid Methanol Mineral Oil	9000-30-0 14807-96-6 7647-01-0 67-56-1 8042-47-5	7.5% 60% 15%	0.040386% 1.1E-05% 0.029467% 0.00042% 0.000455%
			Mineral Oil Nonionic glycol ester Olefin Phosphonic Acid Poly (Tetrafluoroethylene)	8042-47-5 68400-71-5 64743-02-8 13598-36-2 9002-84-0	15% 25% 5% 1% 0.5%	0.000455% 0.000123% 3.2E-05% 3.8E-05% 5E-06%
			Polyoxyalkylenes Potassium Chloride Propargyl Alcohol Propylene Glycol	68951-67-7 7447-40-7 107-19-7 57-55-6 7647-14-5	30% 11% 10% 15% 30%	0.000192% 2.9E-05% 6.4E-05% 7.4E-05% 0.004437%
			Sodium Chloride Sodium Hydroxide Sodium Tetraborate Sodium lauriminodipropionate Sodium	1310-73-2 1330-43-4 14960-06-6	10% 20% 1%	0.004163% 0.002326% 5E-06%
			octylimodlpropionate Thiourea Polymer Vinylidene Chloride- Methyl Acrylate Polymer	68527-49-1 25038-72-6 7732-18-5	30% 25% 99%	0.000192% 0.000272% 0.406275%