

**State of New Mexico  
Energy, Minerals and Natural  
Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

1. WELL API NO. 30-045-34825
2. Well Name: FEDERAL C #001M
3. Well Number: 001M
4. Surface Hole Location: Unit:M Lot:12 Section:28 Township:30N Range:11W Feet from:954 N/S Line:S Feet from:950 E/W Line:W
5. Bottom Hole Location: Unit:M Lot:12 Section:28 Township:30N Range:11W Feet from:954 N/S Line:S Feet from:950 E/W Line:W
6. Latitude: longitude: 0 0
7. County: San Juan

**HYDRAULIC FRACTURING FLUID DISCLOSURE**
 Original  
 Amendment

8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402	9. OGRID: 217817	10. Phone Number: 505-326-9518
11. Last Fracture Date: 3/12/2012 Frac Performed by: Baker Hughes	12. Production Type: G	
13. Pool Code(s): 71599, 72319, 97232	14. Gross Fractured Interval: 4,420 ft to 6,856 ft	
15. True Vertical Depth (TVD): 6,868 ft	16. Total Volume of Fluid Pumped: 8,587 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)
Water	Operator	Carrier	Water	7732-18-5	100%	74.48192%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.07543%
			Water	7732-18-5	85%	0.42741%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00824%
			Ethanol	64-17-5	5%	0.00412%
			Glutaraldehyde	111-30-8	30%	0.02471%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00412%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00691%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00037%
			Water	7732-18-5	97%	0.01202%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	60%	0.00119%
			Crystalline Silica Quartz	14808-60-7	30%	0.00059%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.02907%
			Potassium Hydroxide	1310-58-3	1%	0.00048%
			Water	7732-18-5	60%	0.02907%
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.00155%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00015%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01548%
			Ethanol	64-17-5	5%	0.00077%
			Quaternary Ammonium Compound	Trade Secret	30%	0.00464%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00055%
			Methanol	67-56-1	60%	0.0011%
			Olefin	Trade Secret	5%	9E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00055%
			Propargyl Alcohol	107-19-7	10%	0.00018%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.01484%
GW-3LDF	Baker Hughes	Gelling Agent	Acyclic Hydrocarbon Blend	Trade Secret	60%	0.06343%
			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	5%	0.00529%
			Crystalline Silica, Quartz	14808-60-7	5%	0.00529%
			Guar Gum	9000-30-0	60%	0.06343%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00156%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	17.44014%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00211%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.0007%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	4.34136%
Sand, non-API, 40/70 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.8147%
Calcium Chloride	Baker Hughes	Salts	Calcium Chloride	10043-52-4	100%	0.00907%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00372%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00012%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01238%
			Phosphonic Acid	13598-36-2	1%	0.00012%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.00909%
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	5%	0.00356%
			Methanol	67-56-1	30%	0.02137%
			Surfactants	Trade Secret	80%	0.057%

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: Denise D Journey Title: Regulatory Technician  
 Date: 5/17/2012  
 E-mail Address: Denise.Journey@conocophillips.com

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