

**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. 30-045-35338
2. Well Name: HEATON LS #004M
3. Well Number: 004M
4. Surface Hole Location: Unit:B Lot:B Section:32 Township:31N Range:11W Feet from:579 N/S Line:N Feet from:1397 E/W Line:E
5. Bottom Hole Location: Unit:B Lot:B Section:32 Township:31N Range:11W Feet from:579 N/S Line:N Feet from:1397 E/W Line:E
6. latitude: 0 longitude: 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: 8/16/2012 Frac Performed by: Baker Hughes	12. Production Type: G	
13. Pool Code(s): 71599, 72319	14. Gross Fractured Interval: 4,710 ft to 7,314 ft	
15. True Vertical Depth (TVD): 7,445 ft	16. Total Volume of Fluid Pumped: 1,896 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%	59.51036%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.20211%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.11138%
			Water	7732-18-5	85%	0.63117%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.0104%
			Ethanol	64-17-5	5%	0.0052%
			Glutaraldehyde	111-30-8	30%	0.0312%
			Quaternary Ammonium Compound	68424-85-1	5%	0.0052%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.01189%
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.00229%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00023%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.02286%
			Ethanol	64-17-5	5%	0.00114%
			Quaternary Ammonium Compound	Trade Secret	30%	0.00686%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00082%
			Methanol	67-56-1	60%	0.00163%
			Olefin	Trade Secret	5%	0.00014%
			Polyoxyalkylenes	Trade Secret	30%	0.00082%
			Propargyl Alcohol	107-19-7	10%	0.00027%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate	Trade Secret	1%	0.00705%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.02351%
			Isopropanol	67-63-0	30%	0.07053%
			Sodium Sulfonate	68439-57-6	30%	0.07053%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.01673%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00288%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	25.13975%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	12.97267%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00549%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00018%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01829%
			Phosphonic Acid	13598-36-2	1%	0.00018%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02491%
			Mixture of Surfactants	Trade Secret	60%	0.04982%
			Water	7732-18-5	50%	0.04151%
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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: 9/27/2012

E-mail Address: Denise.Journey@conocophillips.com

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