

**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.
30-039-306732. Well Name:
FEDERAL #011M3. Well Number:
011M**HYDRAULIC FRACTURING FLUID DISCLOSURE** Original Amendment4. Surface Hole Location:
Unit: | Lot: | Section: 23 Township: 26N Range: 06W
Feet from: 2445 N/S Line: S
Feet from: 785 E/W Line: E5. Bottom Hole Location:
Unit: | Lot: | Section: 23 Township: 26N Range: 06W
Feet from: 2445 N/S Line: S
Feet from: 785 E/W Line: E

6. Latitude: 0 Longitude: 0

7. County:
Rio Arriba8. Operator Name and Address:
CONOCOPHILLIPS COMPANY
3401 E. 30th Street
Farmington 874029. OGRID:
21781710. Phone Number:
505-326-9518

11. Last Fracture Date: 6/26/2012 Frac Performed by: Baker Hughes

12. Production Type:
G13. Pool Code(s):
71599, 72319, 9723214. Gross Fractured Interval:
4,874 ft to 7,246 ft15. True Vertical Depth (TVD):
7,318 ft16. Total Volume of Fluid Pumped:
4,228 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%	55.25769%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.1162%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.09276%
			Water	7732-18-5	85%	0.52564%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.004%
			Ethanol	64-17-5	5%	0.002%
			Glutaraldehyde	111-30-8	30%	0.01199%
			Quaternary Ammonium Compound	68424-85-1	5%	0.002%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00381%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00045%
			Water	7732-18-5	97%	0.01447%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	60%	0.00091%
			Crystalline Silica Quartz	14808-60-7	30%	0.00046%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.06291%
			Potassium Hydroxide	1310-58-3	1%	0.00105%
			Water	7732-18-5	60%	0.06291%
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.0019%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00019%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01904%
			Ethanol	64-17-5	5%	0.00095%
			Quaternary Ammonium Compound	Trade Secret	30%	0.00571%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00068%
			Methanol	67-56-1	60%	0.00136%
			Olefin	Trade Secret	5%	0.00011%
			Polyoxyalkylenes	Trade Secret	30%	0.00068%
			Propargyl Alcohol	107-19-7	10%	0.00023%
XLW-32	Baker Hughes	Crosslinker	Boric Acid (H3BO3)	10043-35-3	30%	0.00742%
			Methanol	67-56-1	60%	0.01483%
			Methyl Borate	121-43-7	30%	0.00742%
FAW-4	Baker Hughes	Foamer	2-Butoxyethanol	111-76-2	10%	0.01543%
			Ammonium Lauryl Ether Sulphate	32612-48-9	30%	0.04629%
			Ethanol	64-17-5	5%	0.00771%
			Isopropanol	67-63-0	30%	0.04629%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00515%
GW-3LDF	Baker Hughes	Gelling Agent	1-Butoxy-2-Propanol	5131-66-8	5%	0.01%
			Crystalline Silica, Quartz (SiO2)	14808-60-7	5%	0.01%
			Guar Gum	9000-30-0	60%	0.12003%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.06001%
			Petroleum Distillates	64742-47-8	30%	0.06001%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00168%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	25.52053%
NE-900, drum	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00825%
			Nonyl Phenyl Polyethylene Glycol Ether	9016-45-9	10%	0.00275%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	16.75652%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00457%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00015%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01523%
			Phosphonic Acid	13598-36-2	1%	0.00015%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.01257%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01433%
			Mixture of Surfactants	Trade Secret	60%	0.02866%
			Water	7732-18-5	50%	0.02389%
					0%	0%
					0%	0%

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 TechnicianDate: 8/23/2012E-mail Address: Denise.Journey@conocophillips.com

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