Moder Document Colored Colored Program Progr	April Committee Committe	HYDRAULIC FF DISCLOSURE IN Original Amendment 3. Operator Name and Address:	RACTURING	Revised November 6, 2013 1. WELL API NO.						
13. South Process 14. South Process 15.	13 materials 15 m	3401 E. 30th Stree Farmington 87402	t	by: BAKER HUGHES				n Type:		
WYFORDUP DE CONFOSTION AND CONCENTRATION	Windows Wind	13. Pool Code(s): 71599, 72319 15. True Vertical Depth (TVD):						14. Gross Fractured Interval: 4,512 ft to 7,070 ft 16. Total Volume of Fluid Pumped: 121,493 gals		
Mode	March Company Compan	17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:					18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed			
Apps 1977 Baser Hughes Grant Apps 1979 Baser Hughes Cordison 1980 2-5 to see Grant Hughes Grant	Apps 1-67 Baller Higher Bisser Higher Common months C	Water		10.5 200	Water	7732-18-5	cal Abstract	Concentration in Additive (% by mass)	Concentration in HF Fluid (% by mass) 63.4813%	
Command in Com	Command in Com	(0) 10 0000	197 T. I. I. S. Y.		Chemicals in Ingredients	0.00216			0.0000	
Control State Hughes Control Heisbell State Hughes State Hughes Control Heisbell State Hughes	Digital Digital Fugine Corporal Implicit Security Securi				Chemicals in Ingredients Listed with			0%		
Control 2000, 35 cput Sarar Hugway Corporat Intelligent Line of with N/A 0% 3.25/19	Construction 2004. Clean International Construction Problems Construction Pr	CI-27	Baker Hughes	Corrosion Inhibitor	Ingredients Listed with	N/A		0%	0.0028%	
FAMOURD Sealer Hagnes Feature Sealer Hagnes Feature Sealer Hagnes Sealer H	FAMOURD State Huges	CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Listed with Chemicals in	N/A		0%	0.022%	
Chemical State Chem	Chemical Bill Chemical Bil	FAW-22, 260 gal. tote	Baker Hughes	Foamer	Listed with Chemicals in	N/A		0%		
Nilsopen	Nicopen	tote			Listed with Chemicals in Ingredients	2020		100	35363666	
Sance Resum 2044	Sand, Brown, 2044 Baller Hoghes State Hingibes State Flogities Chemical Ingredents Daker Hoghes State Hoghes			The second	Chemicals in Ingredients				74.500.300	
Sealer House Seal	Scale Find Date Hughes Scale Inhibitor Class with No. O. O. O. O. O. O. O.	Sand, Brown, 20/40	Baker Hughes	Proppant	Ingredients Listed with	N/A		0%	13.7984%	
Caption C, 300 gail bottle	Case	ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Ingredients Listed with Chemicals in	N/A		0%	0.0188%	
Chemical Ingrasterials	Chemical large scients	GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Listed with Chemicals in	N/A		0%	0.0616%	
Vigaminol, polyment	Vision V	Chemical Ingredients	Baker Hughes	Treatment System	1-Propanesulfonic acid, 2-methyl-2- [(1-oxo-2-propen-1-	83446-68-8		60%	0.02619%	
Eater	Earlier				with 2-propenamide, sodium salt			1004	0.002193%	
Amino Trimethyten 6419-19-8 29% 0.0552648 Procedure Acid Procedure	Amino Trimethyten 6419-19-8 29% 0.0055644 Procedure Acid Procedure				Ester Alcohols, ethoxylated Amines, unsatd.	68551-12-2		10%	0.006147%	
Ether Sultate Ammorus Chric Acid Cystalaine	Ether Sulfate Ammortum Ammortum Chris Acid Crystallane Cytablane C				Amino Trimethylene Phosphonic Acid	San Carlos Control (Control (C				
Crystalline 14464-46-1 1% 0.0001698 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 0.0002798 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.0004000 14.00040000 14.0004000 14.0004000 14.0004000 14.0004000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.00040000 14.000400000 14.000400000 14.000400000 14.000400000000 14.000400000000000000000000000000000000	Crystaline 1446-46-1 1% 0.0001986 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 100% 13.7757279 13				Ether Sulfate Ammonium Persulphate	7727-54-0		100%	0.006893%	
Country	Country Coun				Crystalline Cristobalite	14464-46-1		1%	0.000188%	
Calcined Discoy Dimethyl 7173-51-5 10% 0.004387% 10002197% 107-27-1 1-15 10% 0.004387% 10002197% 107-27-1 1-15 10% 0.004387% 10002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 1-15 10% 0.002197% 107-27-1 10% 0.00219	Calcined Didecy Dimethyl 7173-51-5 10% 0.004387% Ammonium Chindle Didecy Dimethyl Ammonium Chindle 14-7-5 59% 0.001393 10002797 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 107-27-1 11% 0.002497% 115-28 0.002497%				(Quartz) Crystalline Silica: Quartz	14808-60-7		1%	0.000219%	
Ethanol 6417-5 55% 0.002193%	Ethanol 64-7-5 5% 0.0021978				Calcined Didecyl Dimethyl	7173-51-5				
Fatty Amide	Fatty Amide				Ethanol Ethoxylated Alcohol	64-17-5 68439-46-3		1%	0.002497%	
Glutaraldehyde	Glutaralderlyde 111-30-8 30% 0.0131618 Hydrocholic Acid 747-01-0 15% 0.1081618 Hydrocholic Acid 747-01-0 15% 0.1081618 Hydrocholic Acid 64742-47-8 30% 0.013055% 0.013055% 0.003055% 0.002155% 0.002115				Fatty Acids Fatty Amide Derivative	61790-12-3 70851-08-0		1%	0.000837% 0.002497%	
Distillate Sopropanol 37-83-0 30% 0.0749%	Distillate Sopropanol 37-83-0 30% 0.0749%				Glutaraldehyde Hydrochloric Acid	111-30-8 7647-01-0		30% 15%	0.01316% 0.108611%	
Olefin	Olefin				Distillate Isopropanol Methanol	67-63-0 67-56-1		30% 60%	0.0749% 0.020115%	
Phosphoric Acid 7684-38-2 11% 0.000219%	Phosphoric Acid 7684-38-2 13% 0.000219%				Olefin Oxyalkylated alcohol	64743-02-8 78330-21-9		5% 5%	0.000139% 0.002183%	
Polyoxyethylene	Polyoxyethylene				Phosphoric Acid Polyethylene glycol nonylphenyl ether	7664-38-2 9016-45-9		1% 15%	0.000219% 0.009221%	
Quaternary 61789-71-7 30% 0.00658%	Quaternary				Polyoxyethylene sorbitan monooleate	9005-65-6		5%	0.002183%	
Compound Sodium Cloride 7647-14-5 5% 0.004693% Sodium Sulfate 7757-82-6 1% 0.002497% Sodium Sulfate 1388-43-8 5% 0.002183% 0.002183% 0.002183% 0.002183% 0.002183% 0.002497% 0.002	Compound Sodium Cloride 7647-14-5 5% 0.004693% Sodium Sulfate 7757-82-6 1% 0.002497% Sodium Sulfate 7757-82-6 1% 0.002497% Sodium Sulfonate 68439-57-6 30% 0.0749% Sorbitan, mono-(92) -9-octadecenoate 1338-43-8 5% 0.002183% -9-octadecenoate Sulfuric acid, monodecyl ester, sodium salt (1:1) Sulfuric acid, monohexyl ester, sodium salt (1:1) Sulfuric acid, monohexyl ester, sodium salt (1:1) Sulfuric acid, monooctyl ester, sodium salt (1:1) Thioglycolic Acid 68-11-1 1% 0.002497% 142-31-4 5% 0.012483% 142-31-4 5% 0.002497% 142-31-4 142-31-4 5% 0.002497% 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31-4 142-31				Quaternary Ammonium Chloride Quaternary	61789-71-7		30%	0.00658%	
Sodium Sulfonate Sedium Sulfonate Sedium Sulfonate Sedium Sulfonate Sorbitan, mono-(92) 1338-43-8 5% 0.002183% -9-octadecenoate Sulfuric acid, monodecyl ester, sodium salt (1:1) -9-octadecenoate Sulfuric acid, monodecel acid, monodecel acid, sodium salt (1:1) -9-octadecenoate Sulfuric acid, monodecel acid, sodium salt (1:1) -9-octadecenoate Sulfuric acid, monodecel acid, sodium salt (1:1) -9-octadecel acid, sodium salt (1:1) -9-octadecel acid, sodium salt (1:1) -9-octadecel acid, sodi	Sodium Sulfonate Sodium Sulfonate Sedium Sulfonate Sorbitan, mono-(92) 1338-43-8 5% 0.002183% -9-octadecenoate Sulfuric acid, monodecyl ester, sodium salt (1:1)				Compound Sodium Chloride					
monodecyl ester, sodium salt (1:1) Sulfuric acid, monotexyl ester, sodium salt (1:1) Sulfuric acid, monotexyl ester, sodium salt (1:1) Sulfuric acid, monotexyl ester, sodium salt (1:1) Sulfuric acid, monoctyl ester, sodium salt (1:1) Thioglycolic Acid (68-11-1) 1% (1.1) 0.000219% 1/20016	monodecyl ester, sodium salt (1:1) Sulfuric acid, monocyl ester, sodium salt (1:1) Sulfuric acid, monocyl ester, sodium salt (1:1) Sulfuric acid, monocyt ester, sodium salt (1:1) Sulfuric acid, monocyt ester, sodium salt (1:1) Thioglycolic Acid (68-11-1) 1% 0.000219% Thiourea Polymer (68527-49-1) 30% 0.000237% Water (7732-18-5) 85% 0.84519% Water (7732-18-5) 85% 0.84519% Owned to 29 CFR 1910 Sulfuric acid, monocyt ester, sodium salt (1:1) Thioglycolic Acid (68-11-1) 1% 0.000219% Water (7732-18-5) 85% 0.84519% Owned to 29 CFR 1910 Owned t				Sodium Sulfonate Sorbitan, mono-(9Z) -9-octadecenoate	1338-43-8		5%	0.0749% 0.002183%	
monohexyl ester, sodium salt (1:1) Sulfur acid, monooctyl ester, sodium salt (1:1) Sulfur acid, monooctyl ester, sodium salt (1:1) Thioglycolic Acid 68-11-1 1% 0.000219% Thiourea Polymer 68527-49-1 30% 0.000837% Water 7732-18-5 85% 0.84519% Owner Subject to 29 CFR 1910 0% 0% 0% 0% 0% 0% 0%	monohexyl ester, sodium salt (1:1) Sulfur acid, monooctyl ester, sodium salt (1:1) Sulfur acid, monooctyl ester, sodium salt (1:1) Thioglycolic Acid 68-11-1 1% 0.000219% Thiourea Polymer 68527-49-1 30% 0.000837% Water 7732-18-5 85% 0.84519% Owner Sulfur acid, monooctyl ester, sodium salt (1:1) Thioglycolic Acid 68-11-1 1% 0.000219% Owner Owne				monodecyl ester, sodium salt (1:1)			600		
Sodium Salt (1:1) Thioglycolic Acid 68-11-1 1% 0.000219%	Sodium Salt (1:1) Thioglycolic Acid 68-11-1 1% 0.000219%				monohexyl ester, sodium salt (1:1) Sulfuric acid,			5%		
Ingredients shown above are subject to 29 CFR 1910 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: Arleen R Kellywood Date: 1/20/2015 E-mail Address: Arleen.R.Kellywood@conocophillips.com	Ingredients shown above are subject to 29 CFR 1910 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: Arleen R Kellywood Title: Regulatory Technician Date: 1/20/2015 E-mail Address: Arleen.R.Kellywood@conocophillips.com				sodium salt (1:1) Thioglycolic Acid					
Signature: Signed Electronically Printed Name: Arleen R Kellywood Date: 1/20/2015 E-mail Address: Arleen.R.Kellywood@conocophillips.com	Signature: Signed Electronically Printed Name: Arleen R Kellywood Date: 1/20/2015 E-mail Address: Arleen.R.Kellywood@conocophillips.com	subject to 29 CFR 1910			Water	7732-18-5		85%	0.84519%	
and an	, and an	Signature: Signed E	lectronically		THE RESERVE THE PROPERTY OF THE PERSON NAMED IN CO.		and belief.	Title: Regulatory Technic	cian_	