## PADRAULIC FRACTURING FLUID DISCLOSURE A Proceeding 10	DNCENTRATION: se Ingredients Fluid Water Stabilizer Listed Below on Reducer Listed Below ve Listed Below ve Listed Below ve Listed Below ision Inhibitor Listed Below ant Listed Below on Listed Below int Listed Below on Listed Below int Listed Below on Li	(CAS #) Chemica Service # 7732-18-5 Listed Below Listed	Unit: Feet 5. Boto Unit: Feet 5. Boto Unit: Feet 6. Ist 7. Cou 9. OGRID: 12. Production Type: O 14. Gross Fractured Ir 12,807 ft 16. Total Volume of FI 14,422,6 18. Percent of Re-Use Not Discl	J Lot:J Section:32 T from:2590 N from:2590	Maximum Ingredient Concentration in HF Fluid (% by mass) 88.66262% 0% 0% 0% 0% 0% 0% 0%
Amendment Comparison Compa	DNCENTRATION: se Ingredients Fluid Water Stabilizer Listed Below on Reducer Listed Below ve Listed Below ve Listed Below ve Listed Below ve Listed Below int Listed Below ont Listed Below entrate Listed Below ont Listed Below	(CAS #) Chemica Service # 7732-18-5 Listed Below Listed	Feet 5. Bot Unit: Feet Feet 6. lat 7. Cou	from:1980 E tom Hole Location: O Lot: O Section: 5 T from:67 N from:1947 E itude: 32.17384478 Junty: Lea 229137 10. Phone Numt Interval: 10. 20,051 ft Ituid Pumped: 57 gals Water in Fluid Pumped: losed num Ingredient entration in Additive (% by) 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	Maximum Ingredient Concentration in HF Fluid (% by mass) 88.66262% 0% 0% 0% 0% 0% 0% 0%
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Concern Center Concern Concern Center Millioner 2012 (2015) From Federicans By - 188 (Cuttor) 11 - Lear Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 13 - Lear Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 14 - Secrit Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 15 - Lear Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 16 - Lear Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 17 - Lear Federicans Class - 1201 (2015) From Federicans By - 188 (Cuttor) 18 - Lear Federicans By - 188 (Cuttor) 19 - Lear F	DNCENTRATION: se Ingredients Fluid Water Stabilizer Listed Below on Reducer Listed Below ve Listed Below ve Listed Below ve Listed Below ve Listed Below int Listed Below ont Listed Below entrate Listed Below ont Listed Below	(CAS #) Chemical Service # 7732-18-5 Listed Below Listed	O 14. Gross Fractured Ir 12,807 ft 16. Total Volume of Fi 14,422,6 18. Percent of Re-Use Not Discl	10 20,051 ft luid Pumped: 57 gals 57 gals 10 Water in Fluid Pumped: 10 Sed 10 March	Concentration in HF Fluid (% by mass) 88.66262% 0% 0% 0% 0% 0% 0% 0% 0% 0%
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TATE A TABLE Public COMPOSTION AND CONCENTRATION:	Fluid Water Stabilizer Listed Below on Reducer Listed Below ve Listed Below wision Inhibitor Listed Below entrate	Service # 7732-18-5 Listed Below Listed Bel	Al Abstract Maxim	num Ingredient entration in Additive (% by) 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	Concentration in HF Fluid (% by mass) 88.66262% 0% 0% 0% 0% 0% 0% 0% 0% 0%
Part Notice	Stabilizer	T732-18-5 Listed Below Listed B		0 100%	mass) 88.66262% 0.9%
Page	Description Color	Listed Below Liste		0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0
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MACGRAPH ACID N-HEFT	Listed Below	Listed Below Liste		0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0% 0%
SAND-COURSEN, SAN-JE-L (O) ISSN-SS-L-SS-L-SS-L SAND-SPERIUM WHITE-L ADVIS GER-L SCARE Hallburton Proppart Listed Below Listed Below ON O	pant Listed Below Preventer Listed Below Inhibitor L	Listed Below 108-24-7 79-06-1 25987-30-8 ier 66455-14-9		0% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0%
SAND PREMIUN WHITE ADDRESS Compared Clasted Sellow Clasted Sello	Freventer Listed Below fin inhibitor Listed Below Inhibitor Listed Below Ide Acetic acid Acrylamide Acrylamide, scacrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine Amine salts Ammonium compound	Listed Below 108-24-7 79-06-1 25987-30-8 108-24-7 39-06-1 25987-30-8 108-24-7 39-06-1 25987-30-8 108-24-7 39-06-1 25987-30-8		0% 0% 0% 0% 0%	0% 0% 0%
Scale Check School Schoo	fin inhibitor Inhibitor Inhibitor Listed Below Acetic acid Acetic anhydri Acrylamide Acrylamide, so acrylate polym Alcohols, C12- ethoxylated Amine Amine Amine salts Ammonium compound	Listed Below Listed Below Listed Below Listed Below Listed Below Listed Below 108-24-7 109-06-1 100-100-100-100-100-100-100-100-100-1		0% 0% 0% 0%	0% 0% 0%
Basier Floghes Date Findings Date Findin	Inhibitor Listed Below Je Listed Below Acetic acid Acetic anhydri Acrylamide Acrylamide, scacrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine Amine salts Ammonium compound	Listed Below Listed Below Listed Below Listed Below Listed Below 64-19-7 de 108-24-7 79-06-1 dolum 25987-30-8 eer 13, 66455-14-9		0% 0% 0%	0% 0%
Inc.	de Listed Below Acetic acid Acetic anhydri Acrylamide Acrylamide, so acrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine Amine salts Ammonium compound	64-19-7 de 108-24-7 79-06-1 odium 25987-30-8 ner 66455-14-9		0%	0%
MSDS and Non-MSDS	Acetic acid Acetic anhydri Acrylamide Acrylamide, scacrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine salts Ammonium compound	64-19-7 de 108-24-7 79-06-1 odium 25987-30-8 ier -13, 66455-14-9			0%
Listed Above	Acetic anhydri Acrylamide Acrylamide, sc acrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine Amine salts Ammonium compound	de 108-24-7 79-06-1 odium 25987-30-8 ner -13, 66455-14-9			***
Acrylamide 79-98-1 0.01% 15-05%	Acrylamide Acrylamide, so acrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine salts Ammonium compound	79-06-1 odium 25987-30-8 ner -13, 66455-14-9			
Barry idea polymer Actions 0, 072113, 66455-14-9 30% 0.01384%	acrylate polym Alcohols, C12- ethoxylated Alcohols, C12- ethoxylated Amine Amine salts Ammonium compound	ner -13, 66455-14-9		0.01%	1E-05%
Aconoles, C12-16, 6855-11-22	Alcohols, C12- ethoxylated Amine Amine salts Ammonium compound	-16, 68551-12-2			
Amine salts Proprietary 194 0.000538 Ammonium Proprietary 30% 0.014588 0.0005398 0.014588 0.0005398 0.014588 0.0005398 0.014588 0.0005398 0.014588 0.0005398	Amine salts Ammonium compound				
Compound Calcium chloride 10043-52-4 5% 0.00132% Calcium compound Proprietary 30% 0.0145% 0.00299% Citic acid 77-92-9 60% 0.00299% Citic acid 77-92-9 60% 0.00299% Citic acid 14098-60-7 100% 10.85217% Citic acid 14098-60-7 100% 10.95218 Citic acid 14098-1008-1008-1008-1008-1008-1008-1008-1	compound	Proprietary		1%	0.00053%
Chlorine compound Proprietary 30% 0.01458% Ciric acid 77-92-9 60% 0.00259% Crystalline silica 14608-60-7 100% 10.85217% 14808-60-7 100% 10.85217% 14808-60-7 14808-60-	(04.010)				
Quartz Crystalline silica: Cycle	Chlorine comp				
Countre (SIO2)	quartz			144	10.85217%
branched C13 alcohol	Quartz (SiO2)				500000000000000000000000000000000000000
Ethylene glycol 107-21-1 30% 0.007938	Ethoxylated branched C13	78330-21-9		5%	
Glassy calcium apnesium phosphate Hydrochloric acid 7647-01-0 60% 0.12452%	Ethylene glyco Ethylene oxide	75-21-8		0.01%	0%
Hydrofreated light petroleum distillate Methanol	Glassy calciun magnesium phosphate	n 65997-17-3		100%	0.01662%
Methanol 67-56-1 60% 0.00048%	Hydrotreated I	ight 64742-47-8			
Propargy alcohol 107-19-7 10% 8E-05%	Methanol Mineral Oil	67-56-1 8042-47-5		30%	0.0021%
Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sobitan, mono-9	Propargyl alco	hol 107-19-7		10%	8E-05%
thiourea and oleic acid in dimethyl formamide Sobitan, mono-9- octadecenoate, (Z) Sodium chloride 7647-14-5 10% 0.00132% Sodium chloride 7758-19-2 35% 0.00244% Sodium chloride 7758-19-2 35% 0.00244% Sodium hydroxide 126-96-5 5% 0.00478% Sodium hydroxide 1001310-73-2 2% 0.0001% Sodium hypochlorite 007681-52-9 13% 0.00063% Sodium perborate tetrahydrate 50rbitan monooleate 50rbita	Reaction prod acetophenone	uct of 68527-49-1			
Sodium chloride 7647-14-5 10% 0.00132%	thiourea and o acid in dimethy formamide Sobitan, mono	oleic yl 0-9- 1338-43-8		5%	0.00478%
Sodium diacetate 126-96-5 5% 0.00478%	Sodium chlorid	de 7647-14-5 e 7758-19-2		35%	0.00244%
Sodium perborate tetrahydrate 10486-00-7 100% 0.01042%	Sodium diacet Sodium hydro	rate 126-96-5 xide 001310-73-2		5% 2%	0.00478% 0.0001%
polyoxyethylene derivative Water 7732-18-5 100% 0.37726% 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: Stormi Davis Title: Regulatory Analyst Date: 3/15/2017	Sodium perbo tetrahydrate	rate 10486-00-7		100%	0.01042%
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: Stormi Davis Date: 3/15/2017 Title: Regulatory Analyst	polyoxyethyler			5%	0.00478%
Date: 3/15/2017	closure form is true and complete to t		65 At		0.37726%
	Name: Stormi Davis	-	Title	e: Regulatory Analyst	-
E-mail Address: Sdavis@conchoresources.com_ NMOCD does not require the reporting of information beyond MSDS da		Fatty acids, ta Glassy calciur magnesium phosphate Hydrochloric a Hydrogen chic Hydrotreated i petroleum dist Methanol Mineral Oil Olefins Propargyl alco Quaternary an Reaction prod acetophenone formaldehyde, thiourea and o acid in dimeth formamide Sobitan, mono octadecenoate Sodium chlorit Sodium chlorit Sodium chlorit Sodium hydro Sodium perbo tetrahydrate Sorbitan mono polyoxyethyler derivative Water solosure form is true and complete to to	Fatty acids, tall oil Proprietary Glassy calcium magnesium phosphate Hydrochloric acid 7647-01-0 Hydrogen chloride 7647-01-0 Hydrotreated light petroleum distillate Methanol 67-56-1 Mineral Oil 8042-47-5 Olefins Proprietary Propargyl alcohol 107-19-7 Quaternary amine Proprietary Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sobitan, mono-9- 0t338-43-8 octadecenoate, (Z) Sodium chlorite 7758-19-2 Sodium hydroxide 001310-73-2 Sodium hydroxide 001310-73-2 Sodium proborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Water 7732-18-5 soloure Davis	Fatty acids, tall oil Proprietary Glassy calcium magnesium phosphate Hydrochloric acid 7647-01-0 Hydrogen chloride 7647-01-0 Hydrotreated light petroleum distillate Methanol 67-56-1 Mineral Oil 8042-47-5 Olefins Proprietary Propargyl alcohol 107-19-7 Quaternary amine Proprietary Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sobitan, mono-9- 0tale-0-5 Sodium chloride 7647-14-5 Sodium diacetate 126-96-5 Sodium hydroxide 001310-73-2 Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Water 7732-18-5 Stormi Davis 7732-18-5 Stormi Davis 7731-18-5	Fatty acids, tall oil