Energy, Minerals a Oil Conser 1220 S. S Santa F HYDRAULIC FRACTURING FLUID DISCLOSURE ⋈ Original □ Amendment 8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210 11. Last Fracture Date: 8/4/2013 Frac Performed by: Halliburton 13. Pool Code(s): 98674 15. True Vertical Depth (TVD): 11,189 ft 17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION Trade Hame Supplier Purpose Ingredit HYDROCHLORIC ACID 10 -30% RC PREMIUM PROP PLUS Halliburton Acid Hydroc -30% RC PREMIUM PROP PLUS Halliburton Proppant Alumin Crystal cristob Iron ox Titaniu In ox Titaniu I	tents I: ents Chloric acid num oxide Illine silica, palite dide um dioxide lex alkylamine ine xy-1,2-ethanediyl), -isodecyl-omega y- tetradecyl chonium chloride pichlorohydrin, nyl amine mized sium metaborate mydroxide sium metaborate mydroxide sium presulfate mydroxide mydroxide sium presulfate mydroxide mydro	(CAS #) Cherservice # 7732-18-5 7647-01-0 1344-28-1 13463-67-7 Confidentia Information 56-81-5 61827-42-1 81741-28-1 51838-31-1 Confidentia Information 56-81-5 61827-42-1 81741-28-1 1310-73-2 9000-30-0 7775-27-1 7725-40-1 714808-60-1 65997-17-1	9. OGRID: 12. Production O 14. Gross Fract 11, 16. Total Volu 3,1 mical Abstract 1 7 al Business 1 7	3. Well Number: 001H 4. Surface Hole Locatic Unit:D Lot:D Sect Feet from:200 Feet from:825 5. Bottom Hole Locatio Unit:D Lot:D Sect Feet from:200 Feet from:825 6. latitude: 32.224379 7. County: Lea 25575	TI STATE CO	Maximum Ingredient Concentration in HF Fluid (% by mass) 85.76373% 0.57918% 0.00453% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00453% 0.00452% 0.00
Amendment 8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210 11. Lest Fracture Date: 8/4/2013 Frac Performed by: Halliburton 13. Pool Code(s): 96674 15. True Vertical Depth (TVD): 11,189 ft 17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION Trade Name Supplier Purpose Ingredic Fresh Water Operator Base Fluid Water HYDROCHLORIC ACID 10 Halliburton Acid Hydroc -30% RC PREMIUM PROP PLUS Halliburton Proppant Alumin Crysta cristobo Iron ox Tittaniu LoSurf-360W Halliburton Surfactant Comply BE-9 Halliburton Biocide Tributy phospi BE-9 Halliburton Clay Stabilizer Polye primeth Cla-Web™ Halliburton Clay Stabilizer Polye phospi CL-22 UC Halliburton Crosslinker Potass CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Gelling Agent Guar WG-36 GELLING AGENT Halliburton Breaker Sodiur OPTIFLO-III DELAYED RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Release Halliburton Breaker Scaler Ammo Release Breaker Scalechek® SCP-2 Scale Inhibitor Release Relibiliburton Breaker Scalechek® SCP-2 Scale Inhibitor Ingredients Listed Below This Line Are Part of the Relibior Release Relibior Relibi	tents I: ents Chloric acid num oxide Illine silica, palite dide um dioxide lex alkylamine ine xy-1,2-ethanediyl), -isodecyl-omega y- tetradecyl chonium chloride pichlorohydrin, nyl amine mized sium metaborate mydroxide sium metaborate mydroxide sium presulfate mydroxide mydroxide sium presulfate mydroxide mydro	(CAS #) Cheservice # 7732-18-5 7647-01-0 1344-28-1 14464-46-1 1309-37-1 13463-67-1 Confidentia Information 56-81-5 61827-42-1 81741-28-1 51838-31-1 Confidentia Information 590-29-4 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60-1 65997-17-1	9. OGRID: 12. Production O 14. Gross Fract 11, 16. Total Volu 3,1 mical Abstract 1 7 al Business 1 7	2. Well Name: ACTION BT 3. Well Number: 001H 4. Surface Hole Locatic Unit:D Lot:D Sect Feet from:200 Feet from:825 5. Bottom Hole Locatic Unit:D Lot:D Sect Feet from:825 6. latitude: 32.22437: 7. County: Lea 25575 1 Type: tured Interval: 629 ft to 15,656 ft me of Fluid Pumped: 51,144 gals Maximum Ingredien Concentration in Add.	TI STATE CO	Maximum Ingredient Concentration in HF Fluid (% by mass) 85.76373% 0.57918% 0.00453% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00452% 0.00453% 0.00452% 0.00
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8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210 11. Last Fracture Date: 8/4/2013 Frac Performed by: Halliburton 13. Pool Code(s): 96674 15. True Vertical Depth (TVD): 11,189 ft 17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION Trade Name Supplier Purpose Ingredia Fresh Water Operator Base Fluid Water HYDROCHLORIC ACID 10 Halliburton Acid Hydroc	chloric acid num oxide Illine silica, palite dide Im dioxide lex alkylamine ine xy-1,2-ethanediyl),isodecyl-omega yy- I tetradecyl shonium chloride pichlorohydrin, nyl amine mized pinium salt sium hydroxide sium hydroxide sium metaborate m hydroxide gum m persulfate pinium persulfate ulline silica, quartz y calcium esium phosphate te polymer	\$ervice # 7732-18-5 7647-01-0 1344-28-1 14464-46- 1309-37-1 13463-67- Confidentia Informatior 56-81-5 61827-42- 81741-28-1 Confidentia Informatior 590-29-4 1310-73-2 9000-30-0 7775-27-1 7727-54-0 65997-17-3	12. Production O 14. Gross Fract 11, 16. Total Volum 3,1 mical Abstract 1 7 al Business 7 8 4 4 al Business	5. Bottom Hole Locatio Unit:D Lot:D Sect Feet from:200 Feet from:825 6. Istitude: 32.22437 7. County: Lea 25575 1 Type: tured Interval: 629 ft to 15,656 ft me of Fluid Pumped: 51,144 gals Maximum Ingredien Concentration in Adi	10. Phone	Maximum Ingredient Concentration in HF Fluid (% by mass) 85.76373% 0.63322% 11.58352% 0.57918% 0.0041% 0.00453% 0.01352%
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-30% RC PREMIUM PROP PLUS Halliburton Proppant Alumin Crystal cristob Iron ox Titaniu LoSurf-360W Halliburton Surfactant Compl BE-9 Halliburton Biocide Tributy phospi CLA-STA XP ADDITIVE Halliburton Clay Stabilizer Polyep trimeth quater Cla-Web™ Halliburton Additive Ammo CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Crosslinker Potass MO-67 Halliburton Crosslinker Potass MO-67 Halliburton PH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Breaker Glassy Ingredients Listed Below This Line Are Part of the Halliburton Halliburton Scale Preventer Glassy magne Ingredients Listed Below This Line Are Part of the Halliburton Halliburton Halliburton Scale Preventer Glassy magne Acrylat Alkane Amine Amine	num oxide Illine silica, balite dide Jim dioxide Ilex alkylamine ine xy-1,2-ethanediyl), -isodecyl-omega y- Il tetradecyl Inhonium chloride bichlorohydrin, nyl amine mized Jonium salt sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate Jum m persulfate	1344-28-1 14464-46- 1309-37-1 13463-67- Confidentia Informatior 56-81-5 61827-42- 81741-28-1 51838-31- Confidentia Informatior 590-29-4 1310-58-3 13709-94-1 310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60- 65997-17-	7 al Business 7 8 4 al Business 1		100% 5% 30% 5% 5% 10% 30% 10% 60%	11.58352% 0.57918% 3.47506% 0.57918% 0.0041% 0.0082% 0.0246% 0.00453% 0.01352%
LoSurf-360W Halliburton Surfactant Compl Glyceri Poly(or alpha. hydrox phosp)	alline silica, palite dide um dioxide lex alkylamine lex alkylamine lex alkylamine sine xy-1,2-ethanediyl),isodecyl-omegay-y-l tetradecyl shonium chloride pichlorohydrin, nyl amine mized sium hydroxide sium hydroxide sium hydroxide gum metaborate m hydroxide gum metaborate m liline silica, quartz y calcium esium phosphate de polymer	14464-46- 1309-37-1 13463-67- Confidentia Informatior 56-81-5 61827-42- 81741-28-I 51838-31-I Confidentia Informatior 590-29-4 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60-I 65997-17-1	7 al Business 1 7 8 4 al Business		30% 5% 5% 10% 30% 10% 60%	0.57918% 3.47506% 0.57918% 0.0041% 0.0082% 0.0246% 0.00453% 0.01352%
Titaniu LoSurf-360W Halliburton Surfactant Compl Glyceri Poly(or alpha, hydrox) BE-9 Halliburton Biocide Tributy phospi CLA-STA XP ADDITIVE Halliburton Clay Stabilizer Polyep trimeth quateri Cla-Web™ Halliburton Additive Ammo CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Crosslinker Potass MO-67 Halliburton PH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Sodiur RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Scale Preventer Glassy Ingredients Listed Below This Line Are Part of the Acrylat Amine Bentor (hydroy dimeth steara)	Im dioxide lex alkylamine ine xy-1,2-ethanediyl),isodecyl-omega y- y- yl tetradecyl ihonium chloride pichlorohydrin, nyl amine rnized unium salt sium formate sium metaborate m hydroxide sium metaborate m hydroxide gum m persulfate unium persulfate	13463-67- Confidentia Informatior 56-81-5 61827-42- 81741-28-6 51838-31- Confidentia Informatior 590-29-4 1310-58-3 1370-94-5 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60- 65997-17-3	7 al Business 1 7 8 4 4 al Business 1		5% 5% 10% 30% 10% 60%	0.57918% 0.0041% 0.0082% 0.0246% 0.00453% 0.01352%
BE-9 Halliburton Biocide Tributy phospi CLA-STA XP ADDITIVE Halliburton Clay Stabilizer Polyep trimeth quater Cla-Web™ Halliburton Crosslinker Potass CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Crosslinker Potass Potass MO-67 Halliburton pH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Sodiur RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Ingredients Listed Below This Line Are Part of the Amine Bentor (hydrog dimeth steara)	xy-1,2-ethanediyl),isodecyl-omega yy- yl-tetradecyl shonium chloride bichlorohydrin, nyl amine nized binium salt sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate siline silica, quartz y calcium esium phosphate te polymer	56-81-5 61827-42- 81741-28- 51838-31- 51838-31- 590-29-4 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60- 65997-17-	7 8 4 al Business		30% 10% 60%	0.0246% 0.00453% 0.01352%
BE-9 Halliburton Biocide Tributy phospi CLA-STA XP ADDITIVE Halliburton Clay Stabilizer Polyep trimeth quater Cla-Web™ Halliburton Additive Ammo CL-22 UC Halliburton Crosslinker Potass Potass MO-67 Halliburton PH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Sodiur RLEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Scale Preventer Glassy magne Ingredients Listed Below This Line Are Part of the Amine Amine Bentor (hydrog dimeth steara)	isodecylomega ry- yl tetradecyl ihonium chloride bichlorohydrin, nyl amine rnized snium salt sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate snium persulfate sliline silica, quartz y calcium esium phosphate	81741-28-6 51838-31-4 Confidentia Information 590-29-4 1310-73-2 9000-30-0 7775-27-1 7727-54-0 65997-17-3	8 4 al Business n		10% 60% 60%	0.00453% 0.01352%
CLA-STA XP ADDITIVE Halliburton Clay Stabilizer Polyep trimeth quater Cla-Web™ Halliburton Additive Ammo CL-22 UC Halliburton Crosslinker Potass Potass MO-67 Halliburton PH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guarg SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Sodiur RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Ingredients Listed Below This Line Are Part of the Amine Amine Amine Bentor (hydrogidimeth steara)	chonium chloride coichlorohydrin, nyl amine mized conium salt sium formate sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate coiline silica, quartz y calcium esium phosphate te polymer	51838-31-4 Confidentia Information 590-29-4 1310-58-3 13709-94-1 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60-65997-17-3	al Business		60%	0.01352%
Cla-Web™ Halliburton Additive Ammo CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Crosslinker Potass MO-67 Halliburton pH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Sodiur RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Scale Preventer Glassy Ingredients Listed Below This Line Are Part of the Amine Amine Amine Bentor (hydrog dimeth steara)	nized snium salt sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate snium persulfate dline silica, quartz y calcium esium phosphate te polymer	Informatior 590-29-4 1310-58-3 13709-94-1 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60-65997-17-3	9			
CL-22 UC Halliburton Crosslinker Potass CL-31 CROSSLINKER Halliburton Crosslinker Potass Pota	sium formate sium hydroxide sium metaborate m hydroxide gum m persulfate onium persulfate enium persulfate ulline silica, quartz y calcium esium phosphate te polymer	Informatior 590-29-4 1310-58-3 13709-94-1 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60-65997-17-3	9			0.02655%
MO-67 Halliburton pH Control Additive Sodiur WG-36 GELLING AGENT Halliburton Gelling Agent Guar g SP BREAKER Halliburton Breaker Sodiur OPTIFLO-III DELAYED Halliburton Breaker Ammo Crystal Scalechek® SCP-2 Scale Inhibitor Scale Preventer Glassy Inhibitor Ingredients Listed Below This Line Are Part of the Amine Amine Amine Bentor (hydrogidimeth steara)	sium metaborate m hydroxide gum m persulfate nium persulfate illine silica, quartz y calcium esium phosphate te polymer	13709-94- 1310-73-2 9000-30-0 7775-27-1 7727-54-0 14808-60- 65997-17-	9	3	60% 5%	0.04489% 0.00136%
SP BREAKER Halliburton Breaker Sodium OPTIFLO-III DELAYED RELEASE BREAKER Scalechek® SCP-2 Scale Inhibitor Scale Preventer Glassy magne Ingredients Listed Below This Line Are Part of the Amine Bentor (hydrogodineth steara)	m persulfate snium persulfate ulline silica, quartz y calcium esium phosphate te polymer	7775-27-1 7727-54-0 14808-60- 65997-17-3			60% 30%	0.00136% 0.01627% 0.00726%
RELEASE BREAKER Scalechek® SCP-2 Scale Halliburton Scale Preventer Glassy magne Ingredients Listed Below This Line Are Part of the Alkane Amine Amine Bentor (hydrogidimeth steara)	illine silica, quartz y calcium esium phosphate te polymer	14808-60- 65997-17-3			100% 100% 100%	0.18994% 0.00369% 0.00869%
Ingredients Listed Below This Line Are Part of the Alkane Amine Amine Bentor (hydro- dimeth- stearal)	te polymer	0	7		30% 100%	0.00261% 0.01946%
Amine Amine Bentor (hydro) dimeth stearal		Information	al Business		0%	0%
Amine Bentor (hydrog dimeth stearal	Salts	Information	al Business 1 al Business		0%	0%
(hydro; dimeth stearal	salts	Information Confidentia	n al Business		0%	0%
steara	nite, benzyl genated tallow alkyl)	Information 121888-68			0%	0%
Porato	nylammonium te complex e salts		al Business	4	0%	0%
Crystal	lline silica, quartz	Information 14808-60-7	1 7		0%	0%
	acrylic resin nediaminetetraacetic	Information	al Business 1		0%	0%
Forma	etrasodium salt aldehyde, polymer -nonylphenol and	40404-63-	5		0%	0%
phenoi Forma	l aldehyde-4,4'-	25085-75-0	0		0%	0%
	pylidene diphenol gen peroxide	7722-84-1 1302-93-8		1	0%	0% 0%
trisodiu	iacetic acid, um salt hydrate	5064-31-3			0%	0%
Pheno	•		al Business		0% 0%	0% 0%
Quater	rnary amine	Information Confidentia Information	al Business		0%	0%
Quater Silica	rnary amine	Confidentia Information 112926-00			0%	0%
Sodiur Sodiur	m bicarbonate m carboxymethyl	144-55-8 9004-32-4	3.73		0% 0%	0% 0%
Sodiur	m chloride m glycollate	7647-14-5 2836-32-0			0% 0%	0% 0%
Sodiur	m hydroxide m sulfate tant mixture	1310-73-2 7757-82-6			0% 0% 0%	0% 0% 0%
	tant mixture	Information Confidentia	n al Business		0%	0%
Trimet Water	thylamine, N-oxide	Information 1184-78-7 7732-18-5		1	0% 0%	0% 0%
18. I, as Operator, hereby certify that the information shown on this disclosure form is true. Signature: Signed Electronically Printed Name: Tina Huerta				Regulatory Re		
Date: 9/10/2013 E-mail Address: tinah@ypcnm.com				Title: Supervisor		
NMOCD does not require the reporting of information beyond MSDS data as described in 2 information.	29 CFR 1910.1200. NMC	OCD does not r	equire the repo	rting or disclosure of pro	prietary, trade	e secret or confidential business