☑ Original ☐ Amendme	nt and Address:		Fe, NM 87505 UID DISCLOSURE	4. Surface F Unit:P Lot Feet from: 5. Bottom H Unit:P Lot Feet from: Feet from: 6. latitude: 7. County:	337 E/W Lir Hole Location: t:P Section:24 Townsh 334 N/S Lin 337 E/W Lir : 32.2838054167113	e:S ne:E nip:23S Range:34E ne:S
P. O. Bo Artesia 11. Last Fracture Da	x 210 88210		med by: Halliburton	12. Produc	tion Type:	5/5-/46-95//
13. Pool Code(s): 2200				14. Gross F	O iractured Interval: 9,100 ft to 12,743 ft folume of Fluid Pumped	
	LUID COMP		ONCENTRATION:		82,274 bbls	
Fresh Water	Supplier	Purpose	Ingredients	(CAS #) Chemica Abstract Service #	_	Ingredient Concentration in HF Fluid (% by mass)
FE ACID - >10% HCL	Halliburtor		Hydrochloric acid	7647-01-0	30%	2.47929%
100 Mesh CRC Premium - 30/50	Halliburtor Halliburtor	_		990 - 100 -	100% 100%	1.44211% 5.2727%
BC-140 X2	Halliburtor	Initiator	Ethylene glycol Monoethanolamine borate	107-21-1 26038-87-9	30% 100%	0.02071% 0.06904%
FDP-S104-12	Halliburtor	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00075%
			Ethanol Heavy aromatic petroleum naphtha	64-17-5 64742-94-5	60% 30%	0.04517% 0.02258%
			Naphthalene Poly(oxy-1,2- ethanediyl), alpha-(4- nonylphenyl)-omega-	91-20-3 127087-87-0	5% 5%	0.00376% 0.00376%
HpH BREAKER BE-9	Halliburtor Halliburtor		hydroxy-, branched Sodium chloride Tributyl tetradecyl	7647-14-5 81741-28-8	30% 10%	0.00022% 0.00388%
CLA-STA XP ADDITIVE	Halliburtor	Clay Stabilizer	phosphonium chloride Polyepichlorohydrin, trimethyl amine	51838-31-4	60%	0.01644%
CLA-WEB™	Halliburtor		quaternized Ammonium salt	Confidential Business	50%	0.02798%
FR-38	Halliburtor	The second secon	Acetic acid	Information 64-19-7	5%	
	1111	Reducer	Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	0.00524%
MO-67 SUPERSET W	Halliburtor Halliburtor	Additive	Sodium hydroxide Methanol	1310-73-2	30% 60%	0.02737% 0.00618%
SUPERSET W	Hallibuitoi	Activator	Ethoxylated nonylphenol	Confidential Business	60%	0.00618%
Scaletrol	Baker Hughes	Scale Inhibitor	Ammonium chloride	Information 12125-02-9	10%	0.00266%
OPTIFLO-HTE	Halliburtor	Breaker	Crystalline silica, quartz Walnut hulls	14808-60-7 Mixture	30%	0.0026%
OptiKleen-WF™	Halliburtor		Sodium perborate tetrahydrate	10486-00-7	100%	0.00121%
Scalechek® SCF -2 Scale Inhibitor		Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01221%
WG-35 GELLING AGENT Parasorb	Halliburtor Baker	Agent Scale	Guar gum Organic acid salt	9000-30-0 Mixture	100%	0.26065%
Ingredients Listed Below This Line Are Part of the	Hughes	Inhibitor	1,2-Benzisothiazolin-3 -one 2,7- Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-	915-67-3	0%	0%
		8	sulfor-1-naphthalenyl) azo] -, trisodium salt Acetic acid Acetic anhydride	64-19-7 108-24-7	0%	0%
			Acrylamide copolymer Amine Salt	Proprietary Confidential	0% 0%	0%
			Amine Salts	Business Information Confidential Business Information	0%	0%
			Amine Salts	Confidential Business	0%	0%
			C.I. Pigment Red 5 Calcium chloride	Information 6410-41-9 10043-52-4	0%	
			Citric acid Crystalline silica, quartz	77-92-9 14808-60-7	0% 0%	0% 0%
			Cured Acrylic Resin	Confidential Business Information Confidential	0%	0%
			Defoamer	Business Information Proprietary	0%	0%
			Enzyme	Confidential Business	0%	0%
			Enzyme	Information Confidential Business	0%	0%
			Ethoxylated Nonylphenol	Information Confidential Business	0%	0%
			Formaldehyde Glycerine	Information 50-00-0 56-81-5	0%	0%
			Modified acrylamide copolymer	Proprietary	0%	0%
			Modified acrylate polymer Modified Bentonite	Proprietary Confidential Business	0%	0%
		8	Organic Phosphonate	Information	0%	0%
		8	Oxyalkylated Phenolic	Information Confidential	0%	0%
			Oxyalkylated Phenolic	Business Information Confidential	0%	0%
			Resin Quaternary Amine	Business Information Confidential	0%	0%
			Quaternary Amine	Business Information Confidential	0%	0%
			Quaternary Amine	Business Information Confidential Business	0%	0%
			Silica gel	Information 112926-00-8	0%	
			Cilian array	7631-86-9	0%	0%
			Silica, amorphous - fumed Sodium acetate	127-09-3	0%	0%
			fumed Sodium acetate Sodium Chloride Trimethylamine, N-	127-09-3 7647-14-5 1184-78-7	0% 0% 0%	0%
18. I, as Operator, h	ereby certify ti	hat the informatio	fumed Sodium acetate Sodium Chloride	7647-14-5 1184-78-7 7732-18-5	0% 0%	0% 0%
Signature: Date:	ereby certify to Signed Elect 9/24/2012 miller@pvtn	tronically	fumed Sodium acetate Sodium Chloride Trimethylamine, Noxide Water	7647-14-5 1184-78-7 7732-18-5 orm is true and com	0% 0%	0% 0% 0% nowledge and believe

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