State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 HYDRAULIC FRACTURING FLUID DISCLOSURE						Revised November 6, 2013 1. WELL API NO.				
						30-045-07543				
						2. Well Name: JONES A LS #002				
						3. Well Number: 002				
						4. Surface Hole Location: Unit:M Lot:M Section:11 Township:28N Range:08W Feet from:1150 N/S Line:S Feet from:890 E/W Line:W				
⊠ Original □ Amendment						Feet from: 115	M Section:11 7	Fownship:28N N/S Line:S	Range:08W	
						6. latitude:	o lama araba	e/W Line:W ongitude:	erennen	
						7. County:	6.6718788 a. luan	-107.0	6563263	
							n Juan			
Operator Name and Address: BP AMERICA PRO 737 North Eldridge Houston 77079	DUCTION COMPANY Parkway				9. OGRID:	778	10. Phone Number:	281-	892-5369	
11. Last Fracture Date: 12/6/2016 Frac Performed by: Halliburton						Type:				
13. Pool Code(s): 82329						ctured Interval: Infidential				
15. True Vertical Depth (TVD): 4,825 ft						me of Fluid Pump ,973 gals	ped:			
17. Total Volume of Re-Use Water Pumped: N/A						18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID						Maximum Ingr				
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	(CAS #) Chemical Abstract Service #		redient n in Additive (% by	Maximum Ingre Concentration mass)	edient in HF Fluid (% by	
2% KCL Water	Operator	Base Fluid	Water	7732-18-5		mass)	98%	mass)	49.74024%	
AQF-2 FOAMING AGENT BA-40L BUFFERING AGENT	Halliburton Halliburton	Foaming Agent Buffer	Listed Below Listed Below	Listed Below Listed Below			0% 0%		0% 0%	
BC-140 BE-6 MICROBIOCIDE	Halliburton Halliburton	Crosslinker Biocide	Listed Below Listed Below	Listed Below Listed Below			0% 0%	-1	0% 0%	
Gasperm 1000M	Halliburton	Surfactant	Listed Below	Listed Below		ė.	0%		0%	
GBW-30 BREAKER HAI-OS ACID INHIBITOR	Halliburton Halliburton	Breaker Corrosion Inhibitor	Listed Below Listed Below	Listed Below Listed Below			0% 0%		0% 0%	
HCL >10% LOSURF-300D	Halliburton Halliburton	Solvent Non-ionic Surfactant	Listed Below Listed Below	Listed Below Listed Below			0% 0%		0% 0%	
NITROGEN LIQUEFIED	Halliburton	Fluid	Listed Below	Listed Below			0%		0%	
SAND-PREMIUM WHITE- 20/40, 100 LB SACK	Halliburton	Proppant	Listed Below	Listed Below			0%		0%	
WG-36 GELLING AGENT Optiflo HTE	Halliburton Halliburton	Gelling Agent Breaker	Listed Below Listed Below	Listed Below Listed Below			0% 0%		0% 0%	
MSDS and Non-MSDS	Tidilibarton	Di Ganci	1,2,4	95-63-6			1%		1E-05%	
Ingredients are listed below the			2-Bromo-2-	52-51-7			100%		0.00185%	
			nitro-1,3-propanediol Citrus, extract	94266-47-4			10%		0.00909%	
			Crystalline silica, quartz	14808-60-7			100%	11	36.96764%	
			Diethylene glycol	111-46-6			10%		0.01458%	
			Ethanol Ethoxylated alcohols	64-17-5 Proprietary			60% 30%		0.00056% 0.00027%	
			Ethoxylated oil Ethylene glycol	Proprietary 107-21-1			10% 30%		0.00909% 0.03248%	
			Ethylene glycol monobutyl ether	111-76-2			30%		0.04374%	
			Fatty acids, tall oil	Proprietary			30%		0.00027%	
			Guar gum Heavy aromatic	9000-30-0 64742-94-5		-	100% 30%		0.10272% 0.00028%	
			petroleum naphtha Hemicellulase	9025-56-3			5%		0.00026%	
			Hemicellulase enzyme	9012-54-8			30%		0.0003%	
			Hydrochloric acid	7647-01-0	7647-01-0 67-63-0		30%		0.32847%	
			Isopropanol Lactose	63-42-3	63-42-3		30% 100%		0.02728% 0.00098%	
			Methanol Monoethanolamine	67-56-1 26038-87-9		:	60% 60%		0.00055% 0.06496%	
			borate Naphthalene	91-20-3			5%		5E-05%	
			Nitrogen	7727-37-9			100%		10.71538%	
			Olefins Oxylated phenolic	Proprietary Proprietary			5% 30%		0.00011% 0.00037%	
			resin Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl) -omega-hydroxy-,	127087-87-0			5%		5E-05%	
			branched Polyamine	Proprietary			30%		0.00155%	
			Polyoxyalkylenes	Proprietary			30% 60%		0.05456%	
			Potassium carbonate Potassium chloride	7447-40-7			2%		0.00644% 1.01511%	
			Propargyl alcohol Quaternary ammonium	107-19-7 Proprietary			10% 10%		9E-05% 0.00909%	
			compounds Reaction product of	68527-49-1			30%		0.00027%	
			acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide							
			Salts of alphatic	Proprietary			60%		0.08747%	
			sulfonic acids Terpene Proprietary				10%		0.00909%	
20. I, as Operator, hereby certify the	at the information shown o	l n this disclosure form is true	Water e and complete to the best of	7732-18-5 of my knowledge a	nd belief.		100%		1.28105%	
The state of the s		nted Name: Toya Colvin	-	- 20		Title: Regula	tory Analyst			
Date: 12/16/2016 E-mail Address: toya.colvin@bp.com										
NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.										