HYDRAULIC FRACTUR DISCLOSURE ⋈ Original □ Amendment 8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 13. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh Alpha 125 Baker Hugh	Energy, Miner Oil Cor 1220 San ING FLUID	e of New Mexicals and Naturanservation Div S. St Francis Sta Fe, NM 8750	Il Resourcision Dr. D5	2. Well Name: CR 3. Well Number 034 4. Surface Holo Unit:M Lot Feet from:905 Feet from:570 5. Bottom Hole Unit:M Lot Feet from:570 6. latitude: 32 7. County: Edd BRID: 873	015-42139 OW FEDERAL CO H Location: M Section:3 To N/ D E/ Location: M Section:3 To N/ D E/ Location: M Section:3 To Section: M Section:	M #034H wnship:17S Range:31E S Line:S W Line:W wnship:17S Range:31E S Line:S W Line:W ongitude: -103.864366898384
DISCLOSURE ☑ Original ☐ Amendment 8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 13. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	1220 San ING FLUID erformed by: Baker Hughes TION AND CONCENTR	S. St Francis	9. 00 12. P	CR 3. Well Number 034 4. Surface Hole Unit: M Lot Feet from: 905 Feet from: 570 Feet from: 570 Feet from: 570 Init: M Lot Feet	: Location: M Section:3 To 6 N/ 0) E/ Location: M Section:3 To 6 N/ 0) E/ Location: M Section:3 To 6 N/ 0) E/ 1.8588098499265	wwnship:17S Range:31E S Line:S W Line:W wwnship:17S Range:31E S Line:S W Line:W ongitude: -103.864366898384
DISCLOSURE ☑ Original ☐ Amendment 8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 12. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	San ING FLUID erformed by: Baker Hughes TION AND CONCENTR		9. OG	4. Surface Hole Unit: M Unit: M Feet from: 905 Feet from: 570 5. Bottom Hole Unit: M Lot Feet from: 905 Feet from: 570 6. latitude: 32 7. County: Edd SRID: 873	H (Location: M Section: 3 To (5 N/) E/ (Location: M Section: 3 To (5 N/) (Location: M Section: 3 To (5 N/) E/ (Location: 6 N/) (Locati	S Line:S W Line:W wnship:17S Range:31E S Line:S W Line:W ongitude: -103.864366898384
DISCLOSURE ☑ Original ☐ Amendment 8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 12. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	erformed by: Baker Hughes		12. P	Unit:M Lot: Feet from:905 Feet from:905 Feet from:57(5. Bottom Hole Unit:M Lot: Feet from:905 Feet from:907 6. latitude: 32 7. County: Edd SRID: 873	M Section:3 To 6 N/ 10 E/ Location: M Section:3 To 6 N/ 0 E/ 1.8588098499265	S Line:S W Line:W wnship:17S Range:31E S Line:S W Line:W ongitude: -103.864366898384
■ Amendment S. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 Solution Midland 79705 In Last Fracture Date: 9/29/2014 Frac P Solution 9/29/2014 Frac P Solution 13. Pool Code(s): 26770 Solution 15. True Vertical Depth (TVD): 5,200 ft Total Volume of Re-Use Water Pumped: N/A Supplier Water	TION AND CONCENTR		12. P	Feet from:570 5. Bottom Hole Unit:M Lot: Feet from:906 Feet from:970 6. latitude: 32 7. County: Edd SRID: 873) E/ Location: M Section:3 To	W Line:W wnship:17S Range:31E S Line:S W Line:W ongitude: -103.864366898384
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 13. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	TION AND CONCENTR		12. P	Feet from:905 Feet from:57(6. latitude: 2 7. County: Edd BRID: 873 roduction Type: O	5 N/ 0 E/ .8588098499265	S Line:S W Line:W ongitude: -103.864366898384
APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Lest Fracture Date: 9/29/2014 Frac P 13. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	TION AND CONCENTR		12. P	32 7. County: Edd SRID: 873 roduction Type: O	.8588098499265 dy	-103.864366898384
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303 Veterans Airpark Lane Suite 3000 Midland 79705 11. Last Fracture Date: 9/29/2014 Frac P 13. Pool Code(s): 26770 15. True Vertical Depth (TVD): 5,200 ft 17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh	TION AND CONCENTR		14. G	0		
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26770 15. True Vertical Depth (TVD):			50,007.00	iross Fractured Interval:		
17. Total Volume of Re-Use Water Pumped: N/A 19. HYDRAULIC FLUID COMPOSI Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh			10. 1	6,203 ft to 10,46 otal Volume of Fluid Pump 3,789,618 gals		
Trade Name Supplier Water Operator Superset-W, 55 gal drum Baker Hugh		ATION:	18. P	ercent of Re-Use Water in Not Disclosed	Fluid Pumped:	
Superset-W, 55 gal drum Baker Hugh	22.2007/.	Ingredients	(CAS #) Chemical Al Service #		gredient n in Additive (% by	Maximum Ingredient Concentration in HF Fluid (% by mass)
Alpha 125 Baker Hugh	Carrier Activator	Water Listed with Chemicals in	7732-18-5 N/A	massy	100% 0%	90.98689 0.06589
		Ingredients Listed with Chemicals in Ingredients			0%	0.02019
ClayCare Baker Hugh ClayCare, ClayTreat-2C, Baker Hugh	and the state of t	Listed with Chemicals in Ingredients Listed with Chemicals in	N/A N/A		0%	0.09779
330 gl tote Cl-27 Baker Hugh		Ingredients Listed with Chemicals in			0%	0.00349
FRW-18 Baker Hugh		Ingredients Listed with Chemicals in Ingredients			0%	0.13889
Ferrotrol 280L Baker Hugh NE-35, 330 gl tote Baker Hugh		Listed with Chemicals in Ingredients Listed with Chemicals in	N/A N/A		0%	0.0063%
Sand, White, 40/70 Baker Hugh	50 s 50 50 50 50 50 50 50 50 50 50 50 50 50	Ingredients Listed with Chemicals in Ingredients	3223		0%	3.22939
Sand, White, 100 mesh Baker Hugh		Listed with Chemicals in Ingredients	30000		0%	3.22789
Super LC, 40/70 Baker Hugh S-200 Baker Hugh		Listed with Chemicals in Ingredients Listed with Chemicals in			0%	1.95259 0.09419
Chemical Ingredients Baker Hugh	es Treatment System	Ingredients 2-Mercaptoethanol Alcohols, C10-16.	60-24-2 69227-22-1		100% 5%	0.0063449 0.0047019
		ethoxylated propoxylated Alcohols, C12-16, ethoxylated	68551-12-2		2%	0.002773%
		Alcohols, C6-12 ethoxylated propoxylated			5%	0.004701%
		Alcohols, ethoxylated Amines, unsatd. alkyl, ethoxylated	68551-12-2 68155-39-5		4% 2%	0.003761% 0.00188%
		Ammonium Chloride Ammonium Hydroxide Benzenesulfonic acid.	12125-02-9 1336-21-6 65143-89-7	8	3% 5% 2%	0.00416% 0.000317% 7.9E-05%
		hexadecyl(sulfophenoxy) -, disodium salt			Tolulo.	
		Choline Chloride Crystalline Silica (Quartz)	67-48-1 14808-60-7		75% 100%	0.146409% 6.451732%
		Cupric Chloride Ethanol Fatty Acids	7447-39-4 64-17-5 61790-12-3		5% 10% 30%	0.000317% 0.009402% 0.001026%
		Formaldehyde Glutaraldehyde	50-00-0 111-30-8		0.05% 30%	2E-06% 0.00604%
		Hexamethylenetetramine Hydrotreated Light Distillate	64742-47-8		0.01% 30%	0.000195% 0.041597%
		Methanol Nonionic glycol ester Oleamide DEA	67-56-1 68400-71-5 93-83-4		60% 25% 2%	0.034987% 0.000981% 0.002773%
		Olefin Phenolic Resin Poly (Oxyethylene)	64743-02-8 9003-35-4 9016-45-9	3	5% 5% 50%	0.0001719 0.0975469 0.0328859
		Nonylphenol Ether Poly (acrylamide-co-	62649-23-4		30%	0.0415979
		acrylic acid) partial sodium salt Polyoxyalkylenes	68951-67-7		30%	0.0010269
		Polyoxythylene Sorbitan Monooleate Propargyl Alcohol	9005-65-6		0.5%	0.000693% 0.000342%
		Propylene Glycol Silicon Dioxide (Silica Sand)	57-55-6 14808-60-7	8	15% 97%	0.000589% 1.892398%
		Sodium Chloride Sodium	7647-14-5 14960-06-6		5% 1%	0.00695% 3.9E-05%
		Sodium octylimodlpropionate	94441-92-6		3%	0.000118%
		Sorbitan Monooleate Thiourea Polymer Water	1338-43-8 68527-49-1 7732-18-5		0.5% 30% 85%	0.000693% 0.001026% 0.212977%
Ingredients shown above are subject to 29 CFR 1910					85% 0%	0.2129779
Signature: Signed Electronically Date: 3/21/2015		true and complete to the best of atima Vasquez	ny knowledge and beli		ulatory Analyst	_
E-mail Address: fatima.vasquez@apac MOCD does not require the reporting of information		l in 29 CFR 1910.1200, NMOCD (does not require the rep	porting or disclosure of pro	prietary, trade secret d	r confidential business information