

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
		1. WELL API NO: 30-015-42910				
		2. Well Name: NFE FEDERAL #055H				
		3. Well Number: 055H				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:A    Lot:1    Section:6    Township:17S    Range:31E Feet from:395    N/S Line:N Feet from:1025    E/W Line:E				
		5. Bottom Hole Location: Unit:A    Lot:1    Section:6    Township:17S    Range:31E Feet from:395    N/S Line:N Feet from:1025    E/W Line:E				
		6. Istitude:    longitude: 32.869652041    -103.90406208				
		7. County: Eddy				
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705			9. OGRID:    873		10. Phone Number:    432-818-1062	
11. Last Fracture Date:    7/30/2015    Frac Performed by:    ELITE			12. Production Type: O			
13. Pool Code(s): 96831			14. Gross Fractured Interval: Confidential			
15. True Vertical Depth (TVD): 10,992 ft			16. Total Volume of Fluid Pumped: 3,490,662 gals			
17. Total Volume of Re-Use Water Pumped: N/A			18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed			
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Customer	Carrier/Base Fluid	Water	7732-18-5	100%	71.77896%
Sand (Proppant)	US Silica	Proppant	Silica Substrate	14808-60-7	100%	4.69525%
RCS (Proppant)	Momentive	Proppant	Silica Substrate	14808-60-7	100%	2.33639%
Hydrochloric Acid (15%)	CNR	Acidizing	Hydrochloric Acid	7647-01-0	38.8%	8.13975%
Claymax	Chemplex	Clay Stabilizer	Choline Chloride	67-48-1	62%	0.00566%
Plexsurf 240 E	Chemplex	Surfactant	Methyl Alcohol	67-56-1	10%	0.00697%
			Alcohol Alkoxylate	Proprietary	50%	0.03486%
Plexslick 953	Chemplex	Friction Reducer	Alcohol Ethoxylate	Proprietary	8%	0.00558%
			Surfactants			
			Hydrotreated Petroleum	64742-47-8	30%	0.02092%
			Distillate			
			Polyacrylamide-co-Acrytic	9003-06-9	31%	0.02162%
			Acid			
Greenhib 679	Chemplex	Scale Inhibitor	Glycerine	56-81-5	35%	0.01429%
			Proprietary	Proprietary	35%	0.01429%
			Water	7732-18-5	30%	0.01225%
Clayplex 650	Chemplex	Clay Stabilizer	Water	7732-18-5	60%	0.00128%
			Ethanaminium, 2-hydroxy-N,N,N-trimethyl- chloride	67-48-1	35%	0.00075%
Plexcide 15G	Chemplex, LC	Biocide	Glutaraldehyde	111-30-8	14%	0.00308%
			Didecyl dimethyl ammonium chloride	7173-51-5	3%	0.00066%
			Alkyl dimethyl benzyl ammonium chloride	68424-85-1	3%	0.00066%
			Ethanol	64-17-5	3%	0.00066%
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:    Emily Follis		Title:    Sr Prod Dept Asst		
Date:    10/7/2015						
E-mail Address:    emily.follis@apachecorp.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.