

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: 30-015-42626				
		2. Well Name: TONY FEDERAL #060				
		3. Well Number: 060				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:E Lot:2 Section:19 Township:17S Range:31E Feet from:2310 N/S Line:N Feet from:725 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot:2 Section:19 Township:17S Range:31E Feet from:2310 N/S Line:N Feet from:725 E/W Line:W				
		6. latitude: 32.8209116433152 longitude: -103.914537107059				
		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: 12/5/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 96831		14. Gross Fractured Interval: 4,630 ft to 6,252 ft				
15. True Vertical Depth (TVD): 6,252 ft		16. Total Volume of Fluid Pumped: 486,738 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
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	Operator	Carrier	Water	7732-18-5	100%	84.9916%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Listed with Chemicals in Ingredients	N/A	0%	1.8495%
Alpha 125	Baker Hughes	Biocide	Listed with Chemicals in Ingredients	N/A	0%	0.0228%
GBW-15L	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0342%
ClayCare, tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0116%
CI-14	Baker Hughes	Corrosion Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0032%
XLW-10A	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	N/A	0%	0.124%
GW-3	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0.1576%
Ferrotrol 280L	Baker Hughes	Iron Control	Listed with Chemicals in Ingredients	N/A	0%	0.006%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Listed with Chemicals in Ingredients	N/A	0%	0.0038%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0157%
Sand, Brown, 16/30	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	10.1303%
Black Ultra, 16/30	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	2.4552%
INFLO 72	Baker Hughes	Surface Tension Reducer	Listed with Chemicals in Ingredients	N/A	0%	0.0806%
Chemical Ingredients	Baker Hughes	Treatment System	2-Mercaptoethanol Acetic acid ethenyl ester, polymer with ethene Ammonium Hydroxide Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt Choline Chloride Chrystalline Silica Crystalline Silica (Cristobalite) Crystalline Silica (Quartz) Cupric Chloride Diatomaceous Earth, Calcined (kieselguhr) Diatomaceous Earth, Natural (kieselguhr) Enzyme solution Ethylene Glycol Fatty Acids Formaldehyde Furfuryl Alcohol Glutaraldehyde Guar Gum Hydrochloric Acid Isopropanol Methanol Mineral Oil Modified Thiourea Polymer Nonionic Alkoxylate Nonionic glycol ester Olefin Orange Terpene Organic Polyol Polyethers Polyoxalkylenes Propargyl Alcohol Propylene Glycol Sodium Hydroxide Sodium Tetraborate Sodium lauriminodipropionate Sodium octylimodipropionate Surfactant Water	60-24-2 24937-78-8 1336-21-6 65143-89-7 67-48-1 14808-60-7 14464-46-1 14808-60-7 7447-39-4 91053-39-3 61790-53-2 9012-54-8 107-21-1 61790-12-3 50-00-0 98-00-0 111-30-8 9000-30-0 7647-01-0 67-63-0 67-56-1 8042-47-5 68527-49-1 70559-25-0 68400-71-5 64743-02-3 68647-72-3 1112-27-6 68815-65-6 68951-67-7 107-19-7 57-55-6 1310-73-2 1330-43-4 14960-06-6 94441-92-6 68131-39-5 7732-18-5	100% 15% 5% 2% 75% 100% 1% 100% 5% 70% 10% 100% 30% 10% 1% 1% 30% 100% 15% 30% 100% 15% 7% 10% 25% 5% 5% 15% 30% 30% 30% 5% 15% 10% 20% 1% 3% 1.5% 85%	0.00596% 0.002356% 0.000298% 7.5E-05% 0.0087% 2.451953% 0.000157% 10.116893% 0.000298% 0.010995% 0.001571% 0.034113% 0.037141% 0.000319% 3.2E-05% 0.02452% 0.006839% 0.157362% 0.277093% 0.024147% 0.003245% 0.002356% 0.000223% 0.008049% 0.000837% 0.000159% 0.004025% 0.012074% 0.024147% 0.000957% 0.000159% 0.000562% 0.01238% 0.02476% 3.7E-05% 0.000112% 0.002817% 1.750542% 0%
Ingredients shown above are subject to 29 CFR 1910						
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: Fatima Vasquez		Title: Regulatory Analyst		
Date: 4/9/2015						
E-mail Address: fatima.vasquez@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.						