

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: 30-025-41391				
		2. Well Name: MCA UNIT #451				
		3. Well Number: 451				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:G Lot:G Section:26 Township:17S Range:32E Feet from:1365 N/S Line:N Feet from:2180 E/W Line:E				
		5. Bottom Hole Location: Unit:G Lot:G Section:26 Township:17S Range:32E Feet from:1365 N/S Line:N Feet from:2180 E/W Line:E				
		6. Iatitute: 32.8090065303698 Longitude: - 103.735627711892				
		7. County: Lea				
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817		10. Phone Number: 505-326-9518		
11. Last Fracture Date: 12/20/2013 Frac Performed by: Trican		12. Production Type: I				
13. Pool Code(s): 43329		14. Gross Fractured Interval: 4,010 ft to 4,277 ft				
15. True Vertical Depth (TVD): 4,500 ft		16. Total Volume of Fluid Pumped: 93,835 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	Water	7732-18-5	100%	79.388%
15% HCL	Trican	Carrier	Hydrochloric acid	7647-01-0	15%	1.8561%
Brown 16/30	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100%	4.05712%
SiberProp 16/30 Mesh	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100%	2.9075%
Gyptron T-249	Customer	Scale Inhibitor	Hydrochloric acid	7647-01-0	10%	0.0451%
			phosphoric acid	7664-38-2	5%	0.02255%
			Formaldehyde	50-00-0	0.09%	0.00041%
WG-111L (Slurried Guar Gellant)	Trican	Gelling Agent	Mineral oil/ light hydrotreated pet. distillate	64742-47-8	60%	0.26751%
			polysaccharide blend	9000-30-0	60%	0.26751%
S-15 (Surfactant)	Trican	Surfactant	Alcohol alkoxylate	Proprietary	20%	0.02194%
			Methanol	67-56-1	20%	0.02194%
LCLM-30 (Borate Crosslinker)	Trican	Crosslinker	Potassium Metaborate	16481-66-6	99.8%	0.10015%
			Ethylene Glycol	107-21-1	25%	0.02509%
			Potassium hydroxide	1310-58-3	25%	0.02509%
AcTivator	Trican	Resin Activator	Alcohols, C12-14-secondary, ethoxylated	84133-50-6	70%	0.04588%
			Methanol	67-56-1	50%	0.03277%
			Polyethylene glycol	25322-68-3	5%	0.00328%
LAI-20 (Acid Inhibitor)	Trican	Acid Inhibitor	Methanol	67-56-1	31%	0.01579%
			alcohol ethoxylate surfactants	Proprietary	30%	0.01528%
			modified thiourea polymer	68527-49-1	30%	0.01528%
			n-olefins	Proprietary	10%	0.00509%
			Prop-2-yn-1-ol	107-19-7	8%	0.00408%
FEA-20 (Iron Control)	Trican	Iron Control	Acetic acid	64-19-7	82%	0.03089%
WBO-2 (Breaker)	Trican	Breaker	Sodium Persulfate	7775-27-1	100%	0.00848%
Bactron K-31	Customer	Biocide	Gluteraraldehyde	111-30-8	25%	0.00096%
			amine phosphonate	Proprietary	0%	0%
			Resin	Proprietary	0%	0%
			propylene carbonate	108-32-7	0%	0%
			Sorbitan trioleate	26266-58-0	0%	0%
			Modified bentonite	68953-58-2	0%	0%
			Water	7732-18-5	0%	0%
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: Ashley Martin		Staff Regulatory Title: Technician		
Date: 2/5/2014						
E-mail Address: Ashley.Martin@conocophillips.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.