

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: 30-015-41963				
		2. Well Name: HARROUN TRUST 31 30 FEDERAL COM #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 3/4/2015		4. Surface Hole Location: Unit:M Lot:4 Section:31 Township:23S Range:29E Feet from:330 N/S Line:S Feet from:1305 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:4 Section:31 Township:23S Range:29E Feet from:330 N/S Line:S Feet from:1305 E/W Line:W				
		6. latitude: longitude: 32.255207504088 -104.028077519128				
		7. County: Eddy				
8. Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City 73102		9. OGRID: 6137	10. Phone Number: 405-228-8588			
11. Last Fracture Date: 5/2/2014 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 30212		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 10,235 ft		16. Total Volume of Fluid Pumped: 3,930,950 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)
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	83.55839%
CRC 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	9.31251%
Premium White 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.80281%
100 Mesh	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.7774%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.38714%
FDP-S1047-12	Halliburton	Wetting Agent	Methanol	67-56-1	100%	0.06446%
			Sulfonate	Proprietary	10%	0.00645%
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FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.02597%
Cla-Web™	Halliburton	Additive	Ammonium salt	Proprietary	60%	0.02538%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01034%
			Ethoxylated nonylphenol	Proprietary	60%	0.01034%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00981%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00378%
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8	100%	0.00027%
Ingredients shown above are subject to 29 CFR 1910			Sodium chloride	7647-14-5	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Fatty acid tall oil amide	Proprietary	0%	0%
			Quaternary amine	Proprietary	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Polyacrylamide copolymer	Proprietary	0%	0%
			Amine salts	Proprietary	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	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: Sara Cook		Title: Regulatory Associate		
Date: 3/4/2015						
E-mail Address: sara.cook@dvn.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.