

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: 30-045-35698							
		2. Well Name: WILL #001							
		3. Well Number: 001							
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:B Lot:B Section:15 Township:23N Range:11W Feet from:901 N/S Line:N Feet from:1501 E/W Line:E							
		5. Bottom Hole Location: Unit:B Lot: Section:15 Township:23N Range:11W Feet from:901 N/S Line:N Feet from:1501 E/W Line:E							
		6. latitude: 36.23128 longitude: -107.98772							
		7. County: San Juan							
8. Operator Name and Address: DUGAN PRODUCTION CORP PO BOX 420 FARMINGTON 87499		9. OGRID: 6515	10. Phone Number:						
11. Last Fracture Date: 9/23/2016 Frac Performed by: Halliburton		12. Production Type: G							
13. Pool Code(s): 71629		14. Gross Fractured Interval: 422 ft to 498 ft							
15. True Vertical Depth (TVD): 710 ft		16. Total Volume of Fluid Pumped: 28,902 gals							
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %							
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	Dugan Production Corp.	Base Fluid	Water	7732-18-5	100%	58.34712%			
BC-140	Halliburton	Crosslinker	Listed Below	Listed Below	0%	0%			
Cla-Web (TM) II	Halliburton	Clay Stabilizer	Listed Below	Listed Below	0%	0%			
GBW-30 BREAKER	Halliburton	Breaker	Listed Below	Listed Below	0%	0%			
HC-2	Halliburton	Additive	Listed Below	Listed Below	0%	0%			
LOSURF-300D	Halliburton	Non-ionic Surfactant	Listed Below	Listed Below	0%	0%			
Nitrogen Liquefied	Halliburton	Fluid	Listed Below	Listed Below	0%	0%			
OPTIFLO-HTE	Halliburton	Breaker	Listed Below	Listed Below	0%	0%			
Sand-Premium White 20/40, Bulk	Halliburton	Proppant	Listed Below	Listed Below	0%	0%			
WG-36 Gelling Agent	Halliburton	Gelling Agent	Listed Below	Listed Below	0%	0%			
CorrSorb 3600	Baker Hughes	Scale Inhibitor	Listed Below	Listed Below	0%	0%			
ScaleSorb 3	Baker Hughes	Scale Inhibitor	Listed Below	Listed Below	0%	0%			
Ingredients	Listed Above	Listed Above	1,2,4 Trimethylbenzene	95-63-6	1%	0.00029%			
			Acid phosphate ester	Trade Secret	10%	0.00968%			
			Amine	Proprietary	0.1%	2E-05%			
			Amine salts	Proprietary	1%	0.00024%			
			Amino alkyl phosphonic acid	Trade Secret	30%	0.02905%			
			Ammonium compound	Proprietary	30%	0.00654%			
			C.I. Pigment Red 5	6410-41-9	1%	7E-05%			
			Chlorine compound	Proprietary	30%	0.00654%			
			Crystalline Silica	14808-60-7	1%	0.00097%			
			Crystalline Silica, quartz	14808-60-7	100%	34.19097%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00097%			
			Cured acrylic resin	Proprietary	30%	0.00218%			
			Diatomaceous earth, calcined	91053-39-3	100%	0.09682%			
			Enzyme	Proprietary	5%	0.00035%			
			Ethanol	64-17-5	60%	0.01747%			
			Ethylene glycol	107-21-1	30%	0.04575%			
			Glycerine	56-81-5	5%	0.0109%			
			Guar gum	9000-30-0	100%	0.13991%			
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.00874%			
			Hemicellulase enzyme	9012-54-8	30%	0.00806%			
			Inner salt of alkyl amines	Proprietary	30%	0.0654%			
			Lactose	63-42-3	100%	0.02687%			
			Monoethanolamine borate	26038-87-9	60%	0.0915%			
			Naphthalene	91-20-3	5%	0.00146%			
			Nitrogen	7727-37-9	100%	6.67512%			
			Oxylated phenolic resin	Proprietary	30%	0.01165%			
			Poly (oxy-1,2-ethanediyl), alpha (4-nonylphenyl)-omega-hydroxy, branched	127087-87-0	5%	0.00146%			
			Quaternary amine	Proprietary	1%	0.00044%			
			Quaternary ammonium chloride	Trade Secret	30%	0.02905%			
			Sodium chloride	7647-14-5	30%	0.06562%			
			Walnut hulls	CAS not assigned	100%	0.00702%			
			Water	7732-18-5	100%	0.24412%			
			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: Tyra M Feil		ENGINEERING Title: ASSISTANT		
			Date: 9/29/2016						
			E-mail Address: tyrafeil@duganproduction.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.