

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: 30-015-42572				
		2. Well Name: HADAR 10 FEDERAL COM #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:10 Township:19S Range:31E Feet from:544 N/S Line:S Feet from:95 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:10 Township:19S Range:31E Feet from:544 N/S Line:S Feet from:95 E/W Line:W				
		6. Latitude: 32.6692314 Longitude: -103.8654938				
		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: 405-552-6559		
11. Last Fracture Date: 10/7/2016 Frac Performed by: FTSI		12. Production Type: O				
13. Pool Code(s): 41480		14. Gross Fractured Interval: 9,285 ft to 13,665 ft				
15. True Vertical Depth (TVD): 9,130 ft		16. Total Volume of Fluid Pumped: 23,197,419 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	Operator	Carrier	Water	7732-18-5	100%	73.1849547%
NE-100	FTSI	Non-emulsifier	2-Butoxyethanol	111-76-2	10%	0.0069292%
			2-Propanol	67-63-0	10%	0.0069292%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	0.0034646%
			Water	7732-18-5	90%	0.0623628%
FRW-920	FTSI	Friction Reducer - Zwitter ionic	Copolymer of 2-Propenamide	69418-26-4	30%	0.0026334%
			Hydrotreated Petroleum Distillate	64742-47-8	25%	0.0021945%
			Alcohol Ethoxylate Surfactants	Trade Secret	2%	0.0001756%
			Oleic Acid Diethanolamide	93-83-4	2%	0.0001756%
			Water	7732-18-5	50%	0.004389%
			Ammonium Chloride	12125-02-9	1%	8.78E-05%
			Sodium chlorite	7758-19-2	12%	0.0010173%
			Water	7732-18-5	95%	0.0080534%
CS POLYBREAK 210	FTSI	Polymer breaker	Sodium Hydroxide	1310-73-2	0%	1E-07%
			Chlorine Dioxide	10049-04-4	0%	1E-07%
			Guar gum	9000-30-0	55%	0.1045869%
			Raffinates, Sorption Process	64741-85-1	55%	0.1045869%
			Quartz	14808-60-7	4%	0.0076063%
HVG-1 4.0	FTSI	Water gelling agent	Isotridecanol, ethoxylated	9043-30-5	2%	0.0038032%
			Petroleum Distillate	64742-47-8	55%	0.1045869%
			Suspending Agent	1302-78-9	5%	0.0095079%
			Ammonium Persulfate	7727-54-0	100%	0.0007113%
APB-1	FTSI	Gel breaker	Potassium Metaborate	16481-66-6	20%	0.0349234%
BXL-5	FTSI	Instant Borate Crosslinker	Potassium Hydroxide	1310-58-3	60%	0.1047701%
			Water	7732-18-5	30%	0.0523851%
B-3	FTSI	Low pH buffer	Diethylenetriamine	111-40-0	100%	0.0285102%
LTB-1	FTSI	Breaker	Ammonium Persulfate	7727-54-0	84%	0.0115875%
			Cured acrylic resin	25085-19-2	22%	0.0030348%
			Talc	14807-96-6	0.6%	8.28E-05%
ICI-3240	FTSI	Biocide	Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione.	533-74-4	24%	0.0048572%
			Sodium Hydroxide	1310-73-2	23%	0.0046548%
			Water	7732-18-5	55%	0.0111311%
20/40 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	26.3004688%
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: Linda Good		Regulatory Compliance Title: Professional				
Date: 1/25/2017						
E-mail Address: linda.good@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.