

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-43864				
		2. Well Name: NASH UNIT #055H				
		3. Well Number: 055H				
		4. Surface Hole Location: Unit:E Lot:E Section:13 Township:23S Range:29E Feet from:2011 N/S Line:N Feet from:559 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot:E Section:13 Township:23S Range:29E Feet from:2011 N/S Line:N Feet from:559 E/W Line:W				
		6. latitude: 32.30691312 longitude: -103.945011				
		7. County: Eddy				
8. Operator Name and Address: XTO ENERGY, INC 9193 S. Jamaica St. PO Box 6501 Englewood 80155		9. OGRID: 5380	10. Phone Number: 303-397-3716			
11. Last Fracture Date: 2/9/2017 Frac Performed by: Cudd Services		12. Production Type: O				
13. Pool Code(s): 47545		14. Gross Fractured Interval: 7,184 ft to 12,285 ft				
15. True Vertical Depth (TVD): 6,630 ft		16. Total Volume of Fluid Pumped: 1,625,020 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		Carrier / Base Fluid		7732-18-5	100%	82.31486%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	10.87841%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	3.3208%
			P/F Novolak Resin	9003-35-4	5%	0.17118%
			Hexamethylenetetramine	1009-7-0	1%	0.03424%
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.00186%
			Water	7732-18-5	80%	0.00742%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	10%	0.00054%
			Isoparaffinic Solvent	64742-47-8	10%	0.00054%
			Water	7732-18-5	60%	0.00322%
			Nonylphenol	9016-45-9	10%	0.00054%
			Sorbitan Monooleate	1338-43-8	10%	0.00054%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.04116%
			Water	7732-18-5	85%	0.23326%
I-122	Chemplex,L.C.	Acid Corrosion Inhibitor	Methonol	67-56-1	70%	0.00017%
			Propargyl alcohol	107-19-7	8%	3E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00013%
			n-olefins	Trade Secret	10%	4E-05%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00013%
SG-15G	Multiple Suppliers	Polymer	Guar Gum	9000-30-0	50%	0.16725%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.18397%
			Bentonite Clay	14808-60-7	2%	0.00669%
			Surfactant	68439-51-0	2%	0.00669%
XL-335	PTP Technology	Crosslinker	Sodium Metaborate	7775-19-1	40%	0.03738%
			Glycerol	56-81-5	45%	0.04205%
GB-2	Multiple Suppliers	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0.00229%
FE-4	Multiple Suppliers	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.00082%
			Water	7732-18-5	55%	0.00082%
Garnett,Pearl RCS	Preferred Sands	RCS Proppants	Quartz(SiO2)	14808-60-7	98%	2.50858%
			Polyurethane Resin	Proprietary	5%	0.12799%
			Colorant	Proprietary	1%	0.0256%
GB-150	Chemplex	Breaker	Mannanase Enzymes	Trade Secret	2%	0.00042%
			Sodium Chloride	7647-14-5	15%	0.00318%
			Water	7732-18-5	90%	0.01906%
NE-227	Ace Completions	Non-emulsifier	Proprietary	NA	15%	0.01216%
			Poly(oxy-1,2-ethanediyl), alpha hexyl-omega-hydroxy-	31726-34-8	5%	0.00405%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.00405%
			Alcohol	68609-68-7	5%	0.00405%
			Solvent Naptha (Petroleum), Heavy Aromatic	64742-94-5	1%	0.00081%
			Water	7732-18-5	90%	0.07294%
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: Patty Urias		Title: Production Analyst		
Date: 2/22/2017						
E-mail Address: Patty_Urias@xtoenergy.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.