

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO: 30-039-31317				
		2. Well Name: ROSA UNIT #643H				
		3. Well Number: 643H				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:C Lot:1 Section:19 Township:31N Range:05W Feet from:972 N/S Line:N Feet from:510 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot: Section:24 Township:31N Range:06W Feet from:1927 N/S Line:N Feet from:44 E/W Line:W				
		6. latitude: 36.889661 longitude: -107.406036				
		7. County: Rio Arriba				
8. Operator Name and Address: WPX ENERGY PRODUCTION, LLC PO Box 640 721 South Main Aztec 87410		9. OGRID: 120782	10. Phone Number: 505-333-1801			
11. Last Fracture Date: 11/23/2015 Frac Performed by: C & J Energy Services		12. Production Type: G				
13. Pool Code(s): 97232		14. Gross Fractured Interval: 7,550 ft to 12,355 ft				
15. True Vertical Depth (TVD): 7,169 ft		16. Total Volume of Fluid Pumped: 8,120,742 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	C and J Services	Carrier/Base Fluid	Water	7732-18-5	100%	88.1875356%
Sand (Proppant)	Preferred Sand	Proppant	Silica Substrate	NA	100%	11.3686583%
Hydrochloric Acid (15%)	C and J Services	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.0499775%
HiRate 605	Independence Oilfield Chemicals	Friction Reducer	Petroleum Distillates, Hydrotreated Light	64742-47-8	28%	0.0260919%
			Alcohols, C12-16, ethoxylated	68551-12-2	3%	0.0027956%
			Alcohols, C10-16, ethoxylated	68002-97-1	3%	0.0027956%
			Alkyl- (C12-C14) alcohol, ethoxylated > 2 10 EO	68439-50-9	3%	0.0027956%
ScaleCease 7001	Independence Oilfield Chemicals	Scale Inhibitor	Sodium Phosphonate	Proprietary	15%	0.0026156%
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: Lila Miller		Title: Engineering Tech II		
Date: 1/15/2016						
E-mail Address: Lila.Miller@wpxenergy.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.