						T-			
Submit within 45 days of well completion State of New Mexico						Revised November 6, 2013			
Energy, Minerals and Natural Resources						30-025-38170			
Oil Conservation Division						2. Well Name:			
						STATE C #002			
1220 S. St Francis Dr.						3. Well Number:			
Santa Fe, NM 87505						002			
HYDRAULIC FF	RACTURING FL	.UID				4. Surface Hole L		Township:22S Range:37E	
DISCLOSURE						Feet from: 1650		VS Line:N	
⊠ Original						Feet from:2195		E/W Line:W	
□ Amendment						Unit:F Lot:F		Fownship:22S Range:37E	
						Feet from: 1650 Feet from: 2195		N/S Line:N E/W Line:W	
						6. latitude:		ongitude:	
						32.39 7. County:	9454895864	-103.186437907143	
						Lea			
8. Operator Name and Address:					9. OGRID:	258350	10. Phone Num	ber: 832-327-2252	
VANGUARD PERI 5847 San Felipe, Houston 77057									
11. Last Fracture Date: 11/13/2013 Frac Performed by: CUDD 1.					12. Productio	tion Type: O			
22800					The state of the s	ractured Interval: Confidential			
15. True Vertical Depth (TVD): 16. Total 4,321 ft						olume of Fluid Pumped: 54,002 gals			
17. Total Volume of Re-Use Water Pumped: 18. Perc						t of Re-Use Water in Fluid Pumped:			
N/A 19. HYDRAULIC FLUID	COMPOSITION AN	ND CONCENTRAT	IION:		N	ot Disclosed			
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		massj	100%		
Sand	W-t O-i Tt-	Proppant	Silicon Dioxide	14808-60-7		100%		10.57563%	
B-15	Water Science Tech	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8			20%	0.00236%	
			Water	7732-18-5		80%		0.00943%	
SG-15G	PfP Technology	Polymer	Guar Gum Petroleum Distillate	9000-30-0 e 64742-47-8			50% 55%	0.22055% 0.2426%	
			(Mineral Oil)	04142410		e.	3370	0.242070	
			Bentonite Clay	14808-60-7		2%		0.00882%	
XL-335	ASK	Crosslinker	Surfactant Ethylene Glycol	68439-51-0 107-21-1		2% 25%		0.00882% 0.01849%	
AL-333	, and	Ciossiliko	Potassium	1310-58-3			25%		
			Hydroxide						
			Proprietary	Proprietary			25%		
			Proprietary Proprietary	Proprietary		<i>x</i>	15% 10%		
GB-2	Fritz Industries, Inc.	Proprietary Proprietary Breaker Ammonium 7727-54-0			99.9% 0.00556%				
79.030.7835 		3.12.5.300	Persulfate				2000	Washington and	
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0			15%		
(11)			Methanol Ethoxylated	67-56-1 9016-45-9			15% 20%		
			Nonylphenol	55.10 45.5			20%	0.0130270	
Garnett,Pearl RCS	Preferred Sands	RCS Proppants	Quartz(SiO2)	14808-60-7			98%		
ATC .			Polyurethane Resin	Proprietary			5%		
20. I, as Operator, hereby certify	v that the information show	n on this disclosure form is	Colorant	Proprietary best of my knowl	edge and helic	 ef	1%	0.05414%	
	West of the Control o	nted Name: Randall His			- Se ella pelli	Title: Sr Opera	tions Engineer		
Date: 3/20/201		11011001111				3, epsid			
	vnrllc.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.