Submit within 45 days of well co	days of well completion State of New Mexico					Revised November 6, 2013													
						1. WELL API NO. 30-025-26713													
Energy, Minerals and Natural Resources						30-02	3-20/13												
Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						2. Well Name: GRIZZELL B #004  3. Well Number: 004													
										HYDRAULIC FR	ACTURING FL	UID				4. Surface Hole L Unit:G Lot:G		226	D27E
										DISCLOSURE						Feet from: 1838		ownship:22S /S Line:N	Range:37E
⊠ Original						Feet from: 1750 5. Bottom Hole Lo		/W Line:E	- 2										
□ Amendment						Unit:G Lot:G	Section:8 T	ownship:22S	Range:37E										
Amendment						Feet from: 1838 Feet from: 1750		/S Line:N /W Line:E											
						6. latitude:		longitude:											
						32.4085322715923 - 103.182192168991													
						7. County:													
						Lea													
8. Operator Name and Address: VANGUARD PERMIAN, LLC 5847 San Felipe, Suite 3000 Houston 77057					9. OGRID:	258350	10. Phone Numb	ber: 8	332-327-2252										
11. Last Fracture Date: 12/20/2013 Frac Performed by: CUDD 12. Prod						ion Type:													
					14. Gross Fra	actured Interval:													
50350  15. True Vertical Depth (TVD): 16. Tota 7,500 ft					16. Total Vol	Confidential olume of Fluid Pumped: 55,566 gals													
17. Total Volume of Re-Use Water Pumped: 18. Pe						t of Re-Use Water in Fluid Pumped: Not Disclosed													
19. HYDRAULIC FLUID																			
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ingred Concentration in mass)	Additive (% by	Maximum Ing Concentration mass)	in HF Fluid (% by										
Water Sand		Proppant	Silicon Dioxide	7732-18-5 14808-60-7		100%			82.05976% 10.93204%										
B-15	Water Science Tech	Biocide	Tetrakis	55566-30-8		20%			0.0021%										
3-3-1			(hydroxymethyl) phosphonium sulfate			~													
OC 150	DfD Tochnology	Balumar	Water Cuar Cum	7732-18-5 9000-30-0			80% 50%		0.00839% 0.25156%										
SG-15G	PfP Technology	Polymer	Guar Gum Petroleum Distillate	64742-47-8		55%			0.25156%										
			(Mineral Oil)	20.00			3182.50												
			Bentonite Clay Surfactant	14808-60-7 68439-51-0		<i>y</i>	2% 2%		0.01006%										
XL-335	ASK	Crosslinker	Ethylene Glycol	107-21-1		P	25%		0.0224%										
Nr. 377.5-000	*******		Potassium	1310-58-3			25%		0.0224%										
			Hydroxide Proprietary	Proprietary			25%		0.0224%										
			Proprietary	Proprietary			15%		0.01344%										
			Proprietary	Proprietary			10%		0.00896%										
BC-1	Benchmark	Breaker Catalyst	Triethanolamine	102-71-6			100%		0.04748% 0.01424%										
GB-2	Fritz Industries, Inc.	Breaker	Diethanolamine Ammonium	111-42-2 7727-54-0			30% 99.9%		0.01059%										
NE 007			Persulfate				4504		2.242424										
NE-227	CESI	Non-emulsifier	Isopropanol Methanol	67-63-0 67-56-1			15% 15%		0.0131% 0.0131%										
			Ethoxylated Nonylphenol	9016-45-9			20%		0.01747%										
Garnett,Pearl RCS	Preferred Sands	RCS Proppants	Quartz(SiO2)	14808-60-7			98%		6.13434%										
			Polyurethane Resin Colorant	Proprietary Proprietary			5% 1%		0.31298% 0.0626%										
20. I, as Operator, hereby certify t	that the information shown	on this disclosure form is			edge and belie	f.													
Signature: Signed Electronically Printed Name: Randall Hicks Title: Sr Operations Engineer																			
Date: 3/25/2014																			
E-mail Address: rhicks@vnrllc.com  MOCD 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.																			

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