

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: 30-025-35175				
		2. Well Name: ANGEL 13 STATE #002				
		3. Well Number: 002				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:G Lot:G Section:13 Township:17S Range:35E Feet from:2310 N/S Line:N Feet from:2310 E/W Line:E				
		5. Bottom Hole Location: Unit:G Lot:G Section:13 Township:17S Range:35E Feet from:2310 N/S Line:N Feet from:2310 E/W Line:E				
		6. latitude: 32.83570795962 longitude: -103.409895477511				
		7. County: Lea				
8. Operator Name and Address: V-F PETROLEUM INC P. O. BOX 1889 MIDLAND 79702			9. OGRID: 24010		10. Phone Number:	
11. Last Fracture Date: 7/13/2012 Frac Performed by: Schlumberger			12. Production Type: O			
13. Pool Code(s): 98042			14. Gross Fractured Interval: 4,554 ft to 4,562 ft			
15. True Vertical Depth (TVD): 7,300 ft			16. Total Volume of Fluid Pumped: 50,780 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)
YF120 FlexD, WF110	Schlumberger	Proppant Transport	Water (Including Mix Water Supplied by Client)*	NA	0%	0.89%
			Crystalline silica	14808-60-7	0%	0.1%
			Guar gum	9000-30-0	0%	0%
			Methanol	67-56-1	0%	0%
			Diammonium peroxidisulphate	7727-54-0	0%	0%
			Potassium borate	1332-77-0	0%	0%
			2,2',2"-nitriiotriethanol	102-71-6	0%	0%
			Potassium hydroxide	1310-58-3	0%	0%
			Glycerol	56-81-5	0%	0%
			Alcohol, C9-11-iso, C10, ethoxylated	78330-20-8	0%	0%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0%	0%
			Ethoxylated propoxylated 4-nonylphenol-formaldehyde resin	30846-35-6	0%	0%
			Heavy aromatic naphtha	64742-94-5	0%	0%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0%	0%
			Quaternary ammonium compounds chlorides derivatives	68989-00-4	0%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0%	0%
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	0%	0%
			Glutaraldehyde	111-30-8	0%	0%
			Poly(oxy-1,2-ethanediyl)	25322-68-3	0%	0%
			Naphtalene (impurity)	91-20-3	0%	0%
			Non-crystalline silica	7631-86-9	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			poly (tetrafluoroethylene)	9002-84-0	0%	0%
† Proprietary Technology					0%	0%
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: Sandy Lawlis Title: Manager						
Date: 11/14/2013						
E-mail Address: sandy@vfpetroleum.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.