Submit within 45 days of well						Pavisad No	ovember 6, 2013			
Submit within 45 days of well completion State of New Mexico										
	Energy, Minerals and Natural Resources						1. WELL API NO. 30-021-20633			
		Oil Conservation Division					2. Well Name: LEWIS 2028 35 #341			
	1220 S. St Francis Dr. Santa Fe, NM 87505						3. Well Number: 341			
HYDRAULIC FRACTURING FLUID DISCLOSURE						4. Surface Hole Location: Unit:G Lot:G Section:34 Township:20N Range:28E Feet from:1749				
⊠ Original						5. Bottom Hole L	ocation:	Line.L		
□ Amendment						Unit:G Lot:0 Feet from:1859 Feet from:1749 6. latitude:	9 N/S 9 E/W	nship:20N Line:N Line:E gitude:	Range:28E	
						0. latitude.	ion	0		
							County: Harding			
8. Operator Name and Address: WHITING OIL AND GAS CORPORATION 400 W. Illinois Midland 79701						25078	10. Phone Number:	432-	686-6709	
11. Last Fracture Date: 9/21/2014 Frac Performed by: SCHLUMBERGER 12. Production C						Type:				
						onfidential				
						ne of Fluid Pumpe	ed:			
						2,599 gals				
N/A						t of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUI	D COMPOSITION	N AND CONCE	NTRATION:					encresco es		
Trade Name	Supplier	Purpose	Ingredients	(CAS Servi	#) Chemical Al ce #		n Ingredient ration in Additive (%)	Maximum Ing Concentration by mass)	gredient en in HF Fluid (%	
WATER, N002	SCHLUMBERGER	(Myacide GA25), Gelling Agent, Foaming Agent, Surfactant , Breaker, Scale Inhibitor, Cla	Water (Including Mix Water Supplied by Client)*				0%		68.8436%	
			Ceramic materials and wares, chemicals	6640)2-68-4		94.64432%		29.48776%	
			Guar gum		-30-0		1.53908%		0.047952%	
			Hydrocarbon		PRIETARY		1.53908%		0.47952%	
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-4			0.2893%		0.09014%	
			Ether salt		PRIETARY		0.17533%		0.05463%	
			Organophilic Clays		PRIETARY		0.12826%		0.03996%	
			Ethylene Glycol	107-			0.05728%		0.01785%	
			Propan-2-ol	67-6			0.04383%		0.01366%	
			Diammonium peroxidisulphate Surfactant		7-54-0 PRIETARY		0.03782% 0.02565%		0.01178%	
			Polyethylene glycol monohexyl ether		26-34-8		0.0114%		0.00755%	
			Calcium chloride		3-52-4		0.00955%		0.00297%	
			Sodium chloride		-14-5		0.00955%		0.00297%	
			Glutaraldehyde	111-			0.00465%		0.00145%	
			Dicoco dimethyl quaternary ammonium chloride	0.000	9-77-3			0.00027%		
			form is true and complete to the best of my knowl	edge a	nd belief.					
E-mail Address: kay.maddox@whiting.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.										