Submit within 45 days of well	completion					T		Revised November 6, 2013										
State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						1. WELL API NO. 30-021-20588												
										2. Well Name: HAZEN 1928 #241  3. Well Number: 241								
						HYDRAULIC FRACTURING FLUID DISCLOSURE							Surface Hole Location:     Unit:K Lot:K Section:24 Township:19N Range:28E     Feet from:1650 N/S Line:S					
						(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)						Feet from:1930 E/W Line:W 5. Bottom Hole Location:						
⊠ Original						Unit:K Lot:K	Section:24 T	ownship:19N Range:28E										
□ Amendment							Feet from:1650 N/S Line:S Feet from:1930 E/W Line:W  6. latitude: longitude: 35.8592289500408 -103.920913950517  7. County:											
																Hard	ing	
										Operator Name and Address:     WHITING OIL AND GAS CORPORATION     400 W. Illinois     Midland 79701						25078	10. Phone Numbe	r: 432-686-6709
11. Last Fracture Date: 11/19/2014 Frac Performed by: Schlumberger 12. Product																		
13. Pool Code(s): 14. Gross F.						actured Interval:												
96010  15. True Vertical Depth (TVD):  16. Total V						confidential ume of Fluid Pumped:												
3,500 ft						11,780 gals of Re-Use Water in Fluid Pumped:												
N/A						Not Disclosed												
19. HYDRAULIC FLUID		ND CONCENTRAT	TON: Ingredients	(CAS#) Chemi		Tu-:	-1:A	Maniana Inna di ad										
rade Name	Supplier	Purpose	ingredients	Service #	cal Abstract		n Additive (% by	Maximum Ingredient Concentration in HF Fluid (% by										
Water	Schlumberger	Bactericide (Myacide GA25), Foaming Agent, Surfactant , Breaker, Gelling Agent, Scale Inhibitor, Cla	Water (Including Mix Water Supplied by Client)*			mass)	0%	mass) 69.91237%										
			Ceramic materials and wares, chemicals				0.9842083%	29.6125%										
			Guar gum Cholinium chloride	9000-30-0 67-48-1		-	0.97588% 0.17901%	0.29362% 0.05386%										
			Sodium 2-[2-[2-(tridecyloxy) ethoxy]ethoxy]ethyl sulphate	25446-78-0			0.17753%	0.05341%										
			Diammonium peroxidisulphate	7727-54-0			0.10404%	0.0313%										
			Propan-2-ol Polyethylene glycol	67-63-0 31726-34-8			0.04665% 0.02367%	0.01404% 0.00712%										
			monohexyl ether				0.0230770	0.007 1270										
			Ethane-1,2-diol 2-Propenoic acid,	107-21-1 129898-01-7			0.02363% 0.02267%	0.00711% 0.00682%										
			polymer with sodium phosphinate					0.00082%										
			Glutaraldehyde Vinylidene	111-30-8 25038-72-6	<u> </u>	7	0.01568% 0.01128%	0.00472% 0.00339%										
			chloride/methylacrylate copolymer				0.01128%	0.00339%										
			Sodium chloride Non-crystalline silica	7647-14-5 7631-86-9		0.00465% 0.00266%		0.0014% 0.0008%										
			Calcium chloride	10043-52-4		0.00206%		0.00065%										
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3			0.00099%	0.0003%										
			Magnesium silicate hydrate (talc)	14807-96-6			0.00034%	0.0001%										
			2,2'-oxydiethanol poly	111-46-6 9002-84-0			0.00024% 0.00015%	7E-05% 4E-05%										
			(tetrafluoroethylene)			×												
20 Les Ossets beet	that the info	on this disclasses for its	Sodium hydroxide	1310-73-2	nd hall-f		0.00012%	4E-05%										
20. I, as Operator, hereby certify Signature: Signed I		on this disclosure form is tru rinted Name: Kay Maddo:		my knowledge s	na bellet.	Title: Regulato	rv Agent											
Date: 11/20/20	The state of the s	Tay maddo																
- Indifficult		MSDS data as described in	29 CFR 1910.1200. NMOCD	does not require	the reporting o	disclosure of prop	rietary, trade secret	or confidential business information.										