State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 HYDRAULIC FRACTURING FLUID DISCLOSURE Original □ Amendment □ Outlier State Stat	Submit within 45 days of well co	ompletion	01-1	C			1		Revised N	November 6, 2013	
## Company of the Com	State of New Mexico						1. WELL API NO.				
120 S. S. S. Francis Dr. Santa Fe, NM 87505		Energy, Minerals and Natural Resources						2. Well Name:			
1220 S. SET FranCis Dr. Santa Fe, NM 87505			Oil Co	nservation Di	vision						
A											
## Company Processing Plant	1==0 01 001 1011010 = 11										
DISCLOSURE Company C			Sar	ita Fe, NM 87	505						
DISCLOSURE NOriginal Feet horse Discussion Peet horse Discussion Discussion Peet horse Peet horse Discussion	HYDRAULIC FR	ACTURII	NG FLUID								
Continued Cont		, 10 i 0 i ui	10.20.5							Range:11W	
Carporation							Feet from:111	E			
Companie Nation and Address: Face Nation	⊠ Original								ownship:29N	Range:11W	
Operation Names and Auditoria: Supplied Property Supplied	☐ Amendment										
Control Name and Address: WESTERN REPINIOS SOUTHWEST, INC. 20 W Mile Avenue 20 Control Name											
Second S										970351	
Vest September								uan			
Vest September	Operator Name and Address:					a OGRID:	267595	10 Phone Numb	ner: 5	05-632-4171	
Subsection Continue Continu	WESTERN REFINIT		EST, INC.			a. OONID.	207000	TO. I HOHE NUME	Jei. 0	00-002-4171	
11. Page 78901 12. Production Types 12. Production Types 13. Page Control 13. Page Control 14. Total Volume of Real Bellow 14. Total Volume of Real Volume of Re		9									
Separation Sep	El Paso 79901						140 Participant				
15 Tor Vertical Depth (TVD) 7,355 ft	11. Last Fracture Date: 5/31/2017 Frac Performed by: Halliburton						1 · · · · · · · · · · · · · · · · · · ·				
15. True Vereira Degin (YVD) 10.9,447 gals	13. Pool Code(s):						14. Gross Fractured Interval:				
17. Total Volume of Re-Use Water Pumpoe:	96436 15. True Vertical Depth (TVD):										
19. PUPPALUC F-LIUI COMPOSITION AND CONCENTRATION:							109,447 gals				
Trade Name	· · · · · · · · · · · · · · · · · · ·						· ·				
Service # Concentration in Additive (% by Concentration in HF Plut (% be mass) m											
28 KCL Water	Trade Name	Supplier	Purpose	Ingredients		cal Abstract					
SC-200 C	2% KCI Water	Operator	Base Fluid	Water	7732-18-5		mass)		mass)	77 15511%	
Mailburton Surfactant Listed Below Listed Below 0% 0% 0% 0% 0% 0% 0% 0	BC-200 UC			Listed Below		1	0%			0%	
Definition Breaker Listed Below Listed Below Listed Below Definition	CL-31 CROSSLINKER									0%	
SAND-PREMIUM WHITE- County	OPTIFLO-III DELAYED									0%	
Mailburton Breaker Listed Below Listed Below O% O% O% O% O% O% O% O	RELEASE BREAKER			1: (15)	1: (15)		201			20/	
MG-36 GELING AGENT Halliburton Gelling Agent Listed Below Use Below 0% 0% 0% 0% 0% 0% 0% 0	20/40, BULK	Halliburton	Proppant	Listed Below	Listed Below	1	0%			0%	
MSDS and Non-MSDS migredients are listed below the	SP BREAKER									0%	
Listed Above		Halliburton	Gelling Agent	Listed Below	Listed Below	1				0% 0%	
Listed Above	Ingredients are listed below							0,0		0 / 0	
Ammonium 7727-54-0 100% 0.00771%	the Ingredients	Listed Abov	e Listed Above	2-Ethyl hexanol	104-76-7			1%		0.00203%	
Borate salts	mgrediente	Liotod 7 tbov	Elotod / Bovo	Ammonium	7727-54-0					0.00771%	
Butyl alcohol							60%			0.12105%	
Crystalline silica, quartz										0.0002%	
Cured acrylic resin Proprietary 30% 0.00231%				· ·						0.01319%	
Cured acrylic resin					14808-60-7					20.58258%	
Guar gum 9000-30-0 100% 0.2921%				Cured acrylic resin						0.00231%	
Isopropanol 67-63-0 30% 0.03956%											
Modified alkane										0.2921%	
Modified bentonite										0.0002%	
Organic salt										0.12195% 0.01016%	
Potassium chloride				Organic salt	Proprietary			1%		0.00203%	
Potassium hydroxide										0.07913%	
Potassium 13709-94-9 60% 0.02803% metaborate 108-32-7 1% 0.00203% 108-32-7 1% 0.00203% 109										0.00234%	
Metaborate Propylene carbonate 108-32-7 1% 0.00203%					12700 04 0			600/		0.000000	
Propylene carbonate 108-32-7					13/09-94-9			00%		0.02803%	
Quaternary ammonium compounds Sodium carbonate 497-19-8 30% 0.06098% Sodium carbonate 497-19-8 30% 0.06098% Sodium persulfate 7775-27-1 100% 0.00856% Sodium sulfate 7775-82-6 0.1% 1E-05% Terpene Proprietary 10% 0.01319% Water 7732-18-5 60% 0.06759% Printed Name: Signed Electronically Printed Name: Kelly Robinson Kelly Robinson Title: Signed Electronically Date: 6/6/2017										0.00203%	
ammonium compounds 497-19-8 30% 0.06098% Sodium carbonate 497-19-8 30% 0.06098% Sodium persulfate 7775-27-1 100% 0.00856% Sodium sulfate 7775-82-6 0.1% 1E-05% Terpene Proprietary 10% 0.01319% Water 7732-18-5 60% 0.06759% Proprietary 10% 0.06759% Propri											
Sodium carbonate 497-19-8 30% 0.06098% Sodium persulfate 7775-27-1 100% 0.00856% Sodium persulfate 7775-27-1 100% 0.00856% Sodium sulfate 7757-82-6 0.1% 1E-05% Terpene Proprietary 10% 0.01319% Water 7732-18-5 60% 0.06759% Proprietary 10% Proprietary				ammonium	,,,			.570		5.2.5.070	
Sodium persulfate 7775-27-1 100% 0.00856% Sodium sulfate 7775-27-1 100% 0.00856% Sodium sulfate 7775-82-6 0.1% 1E-05% Terpene Proprietary 10% 0.01319% Water 7732-18-5 60% 0.06759% Proprietary 10% 10% Proprietary 10% Propri					497-19-8			30%		0.06098%	
Terpene Proprietary 10% 0.01319% Water 7732-18-5 60% 0.06759%				Sodium persulfate	7775-27-1		100%		0.00856%		
Water 7732-18-5 60% 0.06759% 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 Date: 6/6/2017 Printed Name: Kelly Robinson Title:										1E-05%	
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 Date: 6/6/2017 Printed Name: Kelly Robinson Title:										0.01319%	
Date: 6/6/2017				m is true and complete to the		ledge and belie		**			
		ectronically	Printed Name: Kelly Ro	binson			ritle:				
		son@wnr co	<u></u> m								

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.