		State of New Mexico				1. WELL API NO.													
Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						30-025-40917 2. Well Name: LIGHTNING 1 STATE SWD #001 3. Well Number: 001													
										HYDRAULIC FRACTURING FLUID						4. Surface Hole L Unit:F Lot: 14		ownship:21S	Range:33E
										DISCLOSURE						Feet from:3480		/S Line:S	
										⊠ Original						Feet from:2300 5. Bottom Hole L		/W Line:W	
□ Amendment						Unit:F Lot:14		ownship:21S	Range:33E										
						Feet from: 3480	l l	VS Line:S											
						Feet from:2300 6. latitude:	E	/W Line:W longitude:											
						1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	100979643208	longitude.											
								103.527106	855718										
						7. County: Lea													
						200													
 Operator Name and Addre COG OPERATIN 					9. OGRID:	229137	10. Phone Numi	per:	432-685-4332										
One Concho Ce 600 W. Illinois A	nter																		
Midland 79701																			
11. Last Fracture Date: 4/4/2014 Frac Performed by: Chemplex						Production Type: S													
13. Pool Code(s): 14.					_	Gross Fractured Interval:													
97996						5,600 ft to 7,270 ft													
15. True Vertical Depth (TVD): 5,498 ft					16. Total Volume of Fluid Pumped: 245,490 gals														
3,490 ft 17. Total Volume of Re-Use Water Pumped: N/A					18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed														
	ID COMPOSITI	ON AND CONCENTRA	TION:																
rade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #		Maximum Ingredient Concentration in Additive (% by mass)		Maximum Ingredient Concentration in HF Fluid (% b mass)											
Vater	Customer	Carrier/Base Fluid	Water	7732-18-5		100%		massy	89.813449										
Sand (Proppant)	US Silica	Proppant	Silica Substrate	14808-60-7		100%			9.229429										
Claymax	Chemplex	Clay Stabilizer	Choline Chloride	67-48-1		62%			0.061299										
Plexcide 24L	Chemplex	Biocide	Tetrahydro- 3,Dimethyl-2H	533-74-4		24%			0.007129										
Plexsurf 580 ME	Chemplex	Surfactant	Methyl Alcohol	67-56-1		10%			0.008999										
Plexael 907 LE	Champley	Polymor	2-Butoxyethanol Guar Gum	111-76-2 9000-30-0		50%			0.044959										
Tienger 307 EE	Chemplex	Polymer	Mineral Oil	64742-47-8		55%			0.239519										
			Bentonite Clay	14808-60-7			2%		0.008719										
			Surfactant	68439-51-0			2%		0.008719										
Plexbor 101	Chemplex	Crosslinker Ethylene Glycol 107-21-1					0.010819												
			Potssium Metaborate	13709-94-9			30%		0.032469										
		Potassium 1310-58-3 Hydroxide			5%		0.005419												
Plexgel Breaker 10L	Chemplex	Gel Breaker	Mannanase Enzymes	Proprietary 7647-14-5			2%		0.001859										
			Sodium Chloride			15%			0.013919										
Sodium Persulfate	Chemplex	Gel Breaker	Sodium Persulfate	7775-27-1		98%			0.010749										
Buffer 11	Chemplex	PH Control	Potassium Hydroxide	1310-58-3			23%		0.021019										
0. I, as Operator, hereby cer	tify that the informati	on shown on this disclosure form i	s true and complete to the	best of my knowle	edge and beli	ef.													
Signature: Signed	l Electronically	Printed Name: Brian Maio	rino			Title: Regulato	ry Analyst												
Date: 4/29/20	014																		

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.